



# **2026 OSAGE COUNTY FAIRS**

**OSAGE CITY FAIR**

**JULY 8-11**

**OVERBROOK FAIR**

**AUGUST 11-15**



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## **KANSAS 4-H CODE OF CONDUCT**

*As a participant in Kansas 4-H Events, you have the responsibility of representing Kansas 4-H programs to the public.*

*You are expected to conduct yourself in a manner that will bring honor to you, your family and 4-H.*

**To do that, you must:**

- 1) Attend all sessions in the planned program. If you are unable to attend, please tell the adult in charge.
- 2) Follow hours and room rules established before the event begins. You are responsible to know the rules for each event.
- 3) Dress appropriately for each event. The adults in charge should have guidelines to help you.
- 4) Be responsible to know and use language and manners appropriate for Kansas 4-H.
- 5) Be in the assigned program area (for example: dorms, cabins, motels, etc.) at all times.
- 6) Know that the use of tobacco, alcohol and non-prescribed drugs is illegal and prohibited at all 4-H events.
- 7) Model respect for other persons, facilities and vehicles. You will be personally responsible for any damage caused as a result of your behavior.
- 8) Help other members in your group have a pleasant experience by making every attempt to include all participants in activities.
- 9) Know that harassment of any type is illegal and prohibited at all 4-H events.

## **Osage City Fair Grievance Policy**

1. All grievances must be made in writing, legibly, on one side of an 8 1/2" x 11" piece of paper, list the names of any witnesses, and be signed by the filer of the complaint. Such grievances must state plainly the cause of complaint or appeal, and must be submitted to one of the District Extension Staff or Fairboard Executive board member within 2 hours following the occasion for the grievance, accompanied by a \$100.00 cash deposit. The deposit will be forfeited if the grievance is overruled. The money will go back into the awards fund for next year fair.
2. Upon receipt of a qualified grievance, Extension Agent(s) will promptly notify the person against whom the grievance was made, the Superintendent of the department for the class event, appropriate Fair Board Representatives, and other parties who may have relevant information. The notice will give a time and place for a hearing to address the grievance. You will be given a response within 24 hours.
3. The hearing committee, authorized by the Frontier Extension District Governing Board to act upon any protest, may consist of, but not limited to the following: Extension Agent(s), Fair Board Executive Board Member, Superintendent of Department in question, a 4-H Club Leader, a 4-H PDC Member, 4-H Council Executive member, and an Extension Executive Board Member.
4. When a protest is either allowed or denied, the course of action shall be entered in writing, and a copy delivered to the protestant and the person against whom the grievance was made. If applicable, premiums and awards may be held and distributed when the final decision on the grievance is made. The hearing committee reserves the right to institute further restrictions upon the person/persons upon whom the protest was made.

## **Overbrook Fair Grievance Policy**

1. All grievances must be made in writing, legibly, on one side of an 8 1/2" x 11" piece of paper, list the names of any witnesses, and be signed by the filer of the complaint. Such grievances must state plainly the cause of complaint or appeal, and must be submitted to one of the District Extension Staff or Fairboard Executive board member within 24 hours following the occasion for the grievance, accompanied by a \$150.00 cash deposit. The deposit will be forfeited if the grievance is overruled. The money will go back into the awards fund for next year fair.
2. Upon receipt of a qualified grievance, Extension Agent(s) will promptly notify the person against whom the grievance was made, the Superintendent of the department for the class event, appropriate Fair Board Representatives, and other parties who may have relevant information. The notice will give a time and place for a hearing to address the grievance. You will be given a response within 24 hours.
3. The hearing committee, authorized by the Frontier Extension District Governing Board to act upon any protest, may consist of, but not limited to the following: Extension Agent(s), Fair Board Executive Board Member, Superintendent of Department in question, a 4-H Club Leader, a 4-H PDC Member, 4-H Council Executive member, and an Extension Executive Board Member.
4. When a protest is either allowed or denied, the course of action shall be entered in writing, and a copy delivered to the protestant and the person against whom the grievance was made. If applicable, premiums and awards may be held and distributed when the final decision on the grievance is made. The hearing committee reserves the right to institute further restrictions upon the person/persons upon whom the protest was made.

# 81st Annual

## OSAGE COUNTY FAIR



**July 8-11<sup>th</sup>, 2026**

**Osage City, Kansas**

Visit our website:

[www.osagecountyfair.org](http://www.osagecountyfair.org)

# **2026 OSAGE COUNTY OSAGE CITY FAIR BOARD**

## **Officers:**

President.....Keith Engler  
Vice President.....Kyle Garrett  
Secretary.....Kara Thompson  
Treasurer.....Pam Whitmer  
4-H Livestock Sale Manager.....KC Bond  
Member at Large.....Jim Paul

## **Members/Board of Directors:**

Dorothy Christiason	KC Bond	Kara Thompson
Kyle Garrett	Jim Paul	Marjorie Vaughn
David Drimmel	Lendie Garrett	Pam Whitmer
Keith Engler	Jason Gilliland	

## **Advisory/Events & Entertainment Committee:**

Jim Paul – Osage City Lions Club	Michelle Rickel & Seanta Prescott- Osage
Jeanette Swarts - Chamber of Commerce	County Farm Bureau

## **Livestock Committee:**

KC Bond-Chairperson	David Drimmel
Keith Engler	Kyle Garrett
Lendie Garrett	

## **Exhibit Hall Committee:**

Kara Thompson, Chairperson	Marjorie Vaughan
Dorothy Christiason	Pam Whitmer
Colleen Stucky	

## **Buildings and Grounds Committee:**

Keith Engler, Chairperson	David Drimmel
	Jason Gilliland

**Veterinarian:** Kyle Stromgren, DVM – Osage Veterinary Services

**All 4-H, Open, FFA, Boy Scout & Girl Scout Exhibits, including Static Projects, Livestock and Small Animals will need to be entered online. Fair pre-entry is June 10-24<sup>th</sup>.**

**Website: <http://osagecountyfair.fairentry.com>**

\$20 late fee per exhibitor for late entries

No exhibits will be accepted after Entry of Exhibits closes at 11:00 AM on Wednesday.

Livestock, Rabbits, & Poultry registration will open at 10am in the Fredrickson Arena.

Livestock weigh-in will begin at 12 Noon on Wednesday.

All sheep and goats are required to be vet checked prior to unloading and stalling. Scrapies tags are required and will be checked at weigh-in.

**A mandatory livestock meeting will be held on Wednesday, July 8<sup>th</sup> at 11 a.m. in the Doran D.**

**Fredrickson Arena.** All livestock and small animal exhibitors are required to attend. This meeting will cover all new rules and changes, address important information pertaining to the 4-H shows and the 4-H livestock sale. This will allow exhibitors and their parents to ask any questions they may have.

All exhibits and animals shall remain on the Fairgrounds until 12:00 noon on Saturday, July 11<sup>th</sup>. In the event of extreme weather conditions and/or livestock temperament, the livestock superintendents may approve early release.

The Exhibits Building will close at 2:00 PM on Saturday, July 11<sup>th</sup>.

All exhibits in this building will need to be picked up between 12:00 noon and 2:00 PM.

#### **4-H STYLE REVIEW**

**4-H Youth Development Program Manager – Jo Hetrick-Anstaett**

4-H Members will show off their unique style in the 4-H Style Review on Wednesday, July 8<sup>th</sup> at 7:00 p.m. inside the Community Building.

#### **CLOVERBUD EXHIBITS**

Cloverbuds is a non-competitive 4-H organization for 5–6-year-olds.

All Cloverbud exhibitors will display their exhibits at the designated Cloverbud table located in the Exhibit Building. No premiums will be paid for the exhibits; participation ribbons will be awarded.

Class CG100 Cloverbud Exhibit

## **Premiums**

Premiums for Livestock and Exhibits in the Exhibits Building will be available at the Pavilion Office window on Sunday July 20<sup>th</sup> following Fair Clean-Up. Premiums for Livestock, Rabbits, and Poultry will be available after your cages/pens/stalls are inspected by the Superintendents. Any premiums not picked up shall be donated back to the Osage County Fair Association.

### **Premiums for the Osage County Fair:**

All 4-H classes except large Livestock; including poultry & rabbits:

Purple: \$4.00

Blue: \$4.00

Red: \$3.00

White: \$2.00

All 4-H Beef & Dairy:

Purple: \$7.00

Blue: \$6.00

Red: \$5.00

White: \$4.00

All livestock including Horse, Swine, Goats, Sheep & Bucket Calf:

Purple: \$6.00

Blue \$5.00

Red: \$4.00

White: \$3.00

All OPEN classes including Livestock & Exhibits;

1<sup>st</sup> place: \$4.00

2<sup>nd</sup> place: \$3.00

3<sup>rd</sup> place: \$2.00

## **4-H HORSE SHOW**

**Superintendent – Dorothy Christason**

The 4-H Horse Show will be Saturday, June 27<sup>th</sup> at 9:00 AM. Registration starts at 8:30 AM  
The show will be at Burns-Sky View Arena located at 28312 S. Wanamaker Rd.

All entries are required to be submitted online through FairEntry and are due June 24<sup>th</sup>.

**Website:** <http://osagecountyfair.fairentry.com>

## **LARGE ANIMAL ROUND ROBIN SHOWMANSHIP**

**Osage City-Superintendents- Pam Whitmer and Keith Engler**

**Saturday, July 11<sup>th</sup> 8:00AM**

**Senior and Intermediate Showmanship Champions in the following divisions:  
HORSE, BEEF, DAIRY CATTLE, DAIRY GOAT, SHEEP, SWINE, and MEAT GOATS  
will compete for Grand Champion Senior Showman and  
Grand Champion Intermediate Showman**

1. Showmanship winners must contact Pam Whitmer after all species have been judged and indicate whether they are going to participate or not.
2. If the Champion does not compete, then the order of advancement of the round robin will be based on the ascending order of the judges' ranking (i.e., Reserve Champion through Blue). This same ranking will be followed if a champion has qualified in multiple species. Champions can only show in one species. Champions who have qualified in more than one species must choose which species they will compete in for the Round Robin and let Pam know.
3. Contestant must agree to show in the Round Robin and provide the animal they won with. Any substitution of animals for the competition will be made at the discretion of the superintendent.
4. Animals used in the competition must be clean to show, but do not have to be fitted.
5. Each species superintendent will be present and responsible for his/her species at the competition.
6. Round Robin participants are encouraged to ask their fellow exhibitors about their species and practice before the contest. We strongly encourage participants to get to know their fellow exhibitors and learn about different species.
7. The winner will be announced at the conclusion of the Round Robin. They will also be announced during the Showcase of Champions, prior to the Parade of Champions, during the livestock sale.
8. The competition will be broken down into two divisions: Intermediate and Senior. The intermediate and senior Round Robin showmanship contest will be held simultaneously. Each participant will have 3-5 minutes to show the species involved. Senior participants will show the senior species champion's animal, and intermediate participants will show the intermediate species champion's animal.

Senior and Intermediate Showman Awards sponsored by:

**Edward Jones, Investor Representative**

The logo for Edward Jones, featuring the name "Edward Jones" in a bold, black, serif font, centered within a solid yellow rectangular background.

**Robyn Williams**

**SMALL ANIMAL ROUND ROBIN SHOWMANSHIP-Exhibition Only**

**Osage City-Superintendents-Jo Hetrick-Anstaett**

**Saturday, July 11<sup>th</sup> 8:00AM**

**Junior, Intermediate, and Senior Showmanship Champions in the following divisions:**

**Rabbit and Poultry will compete for Grand Champion Junior Showman, Grand Champion Intermediate Showman, and Grand Champion Senior Showman. For 2026, this will be an exhibition-only show. No prizes will be awarded.**

1. Showmanship winners must contact Jo Hetrick-Anstaett after all species have been judged and indicate whether they are going to participate or not.
2. If the Champion does not compete, then the order of advancement of the round robin will be based on the ascending order of the judges' ranking (i.e., Reserve Champion through Blue). This same ranking will be followed if a champion has qualified in multiple species. Champions can only show in one species. Champions who have qualified in more than one species must choose which species they will compete in for the Round Robin and let Jo know.
3. Contestant must agree to show in the Round Robin and provide the animal they won with. Any substitution of animals for the competition will be made at the discretion of the superintendent.
4. Animals used in the competition must be clean to show.
5. Each species superintendent will be present and responsible for his/her species at the competition.
6. Round Robin participants are encouraged to ask their fellow exhibitors about their species and practice before the contest. We strongly encourage participants to get to know their fellow exhibitors and learn about different species.
7. The winner will be announced at the conclusion of the Round Robin. They will also be announced during the Showcase of Champions, prior to the Parade of Champions, during the livestock sale.
8. The competition will be broken down into three divisions: Junior, Intermediate, and Senior. There will be one table for rabbit showmanship and one table for poultry showmanship. Each division will show against each other. The Champions from each species will first show their respective species. There is a 5-minute time limit. After 5 minutes, the showmen will switch animals and have 5 minutes to show the other species.

## 4-H LIVESTOCK SALE

Livestock Sale Cards are due 30 minutes after your species show. If you do not turn a sale card in, you cannot sell your animal. Due to floor buyers request, dairy goats are not eligible for the livestock sale regardless of weight. There will be a commission of \$10.00 for each animal sold. See KC Bond for questions.





# 2025 AWARD SPONSORS THANK YOU FOR YOUR SUPPORT

FATERNAL ORDER OF EAGLES  
HOLMBERG OIL  
PORTER CATTLE CO  
SANTA FE TRAIL MEATS  
THEEL PLUMBING  
LYNDON STATE BANK  
THE BODY SHOP  
CANINE COUNTRY CLIPS  
THE TOY SHED  
OTTAWA COOP  
OSAGE NURSING CENTER  
THE MIRACLE CAFE  
DELLA REGENOLD  
STURDY BROS FARM  
MAKENZIE & TRAVIS GRANGER  
FREE STATE ELECTRIC  
WILLING WORKERS 4-H

EDWARD JONES  
RIDGE IRON GRILL  
CAMEO FARMS  
FARM BUREAU  
CARBONDALE PET CLINIC  
DRIMMEL FARMS  
DOROTHY CHRISTIASON  
GERALD & DEBBY FAGAN  
DEAN & DIANA SUPPLE  
LAURETHA ROWE  
JEFF & PAM WHITMER  
RODNET & KIM BERQUIST  
JOANN LONG  
GLEN & SHIRLEY JENNINGS  
BLUSTEM FARM AND RANCH  
KBS SPECIALTEES  
SUPERIOR/RE BRANDY ENGLER

BRANINE CHEVROLET  
JEFF & MERRILYN CASTER  
JAG TRUCKING LLC  
KANEQUIP  
AUBURN ANIMAL CLINIC  
WISCHROPP  
VINTAGE PARK  
WILDCAT FEEDS LLC  
CHARGER ARMS  
LANDMARK NATIONAL BANK  
JF2 FARMS  
VANARSDALE  
MELVERN JR HIGHLINE  
AUBURN PHARMACY  
THE DEN  
CHARGER ARMS

CONKLIN PLUMBING  
FARMER INSURANCE  
FIRST NATIONAL BANK  
BANK OF OSAGE  
OSAGE COUNTY ATTORNEY  
OSAGE GARDEN & PRODUCE  
OSAGE VETERINARY SERVICE  
QUALITY BUILT CONSTRUCTION

RATCLIFF PROPANE  
SKIPS HEATING & AIR  
WATERS HARDWARE  
GARRISON CONSTRUCTION  
FRONTIER FARM CREDIT  
LAKEFRONT INSURANCE  
RE/MAX-EK REAL ESTATE - SHANNON ENGLER  
LIBERTY REAL ESTATE - SUMMER TAYLOR



# 81st Annual Osage County Fair –Osage City

## 4-H Fair Events and Entertainment Schedule

June 10th - June 24th ONLINE PRE-ENTRY FOR ALL EXHIBITS & LIVESTOCK

### Saturday, June 27th

8:30 am Registration and check-in for Horse Show  
9:00 am 4-H Horse Show - Burns/Sky View Horse Farm

### Sunday, July 5th

3 - 6 pm Fair Set-up - Exhibit Hall, Pavilion, and Fredrickson Arena

### Tuesday, July 7th

All Day Setup of tack and equipment - No Animals Allowed until Wednesday

### Wednesday, July 8th

7:00 am Fairgrounds open to the public  
8 - 11 am **ALL EXHIBITS ENTRY** Exhibit Hall Fredrickson Arena  
8:00 am Donuts & Juice provided by Frontier Farm Credit - Emporia Office  
9:00 am Goats & Sheep Vet Check - All Goats & Sheep MUST be vet checked before unloaded  
11:00 a **Mandatory** Livestock Exhibit Meeting - Fredrickson Arena  
11:30 am Exhibitor Luncheon - Sponsored by Osage County Fair Association - Pavilion  
12:00 pm Livestock Weigh-in  
1:00 pm Exhibit Judging starts - Exhibit Hall closed to the public while judging  
4:00 pm 4-H/Open Poultry Show - Pavilion  
5:30 pm Celebrate America Open Ceremony (Grandstand Area)  
6 - 10 pm Carnival  
7:00 pm 4-H Clothing Style Review - Community Building

### Thursday, July 9th

6:00 am Lions Club Food Stand open - Community Building  
8:00 am Vendors and Booths open - Exhibit Hall  
8:00 am 4-H Breakfast - Provided by Lutheran Church  
9:00 am 4-H/Open Swine Show - Fredrickson Arena  
1:00 pm 4-H/Open Dog Show - Community Building  
5- 6:15 pm Registration and check-in for Pie Baking Contest - Community Building  
6-10 pm Carnival (Family Night - Wristbands \$25)  
6:30 pm Blue Ribbon Pie Baking Contest - Community Building  
7:00 pm 4-H/Open Sheep, Dairy and Meat Goat Show

**Friday, July 10th**

- 6:00 am Lions Club Food Stand open - Community Building
- 8:00 am Vendors and Booths open - Exhibit Hall
- 9:00 am 4-H/Open Rabbit Show - Pavilion
- 9:00 am 4-H Ambassador Pancakes and Games - Fredrickson Arena
- 1:00 pm 4-H/Open Pet Show - Community Building
- 6-11 pm Carnival
- 6:30 pm Community Parade - Downtown
- 7-11 pm Band "Delta Haze" - Grandstand
- 6:30-11 pm Eagles Beer Garden - Grandstand area
- 6:30 pm 4-H/Open Bucket Calf & Dairy Cattle Show - Fredrickson Arena
- 7:00 pm 4-H/Open Beef Show - Fredrickson Arena
- 7-9:00 pm BINGO sponsored by St Patricks Altar Society - Community Building

**Saturday, July 11th**

- 6:00 am Lions Club Food Stand open - Community Building
- 8:00 am Vendors and Booths open - Exhibit Hall
- 8:00 am 4-H Large Animal Round Robin Showmanship - Sponsored by Edward Jones - Fredrickson Arena
- 8:00 am 4-H Small Animal Round Robin Showmanship -Pavilion
- 9 - 12 pm **Touch-A-Truck event**
- 11- 2 pm All Exhibits released from Fairgrounds - Exhibit Hall/Livestock Barns
- 5-10 pm Carnival
- 6:00 pm All 4-H Exhibit Awards Ceremony - Fredrickson Arena
- 6:30 pm 4-H Livestock Sale - Fredrickson Arena
- 10 pm Community Fireworks

**Sunday, July 19th**

- 12- 2 p.m. **Fair Clean-up** (Premium checks available for pick up after clean-up)



## Osage County Bred Class-Osage City Fair

- Breeding and Market Swine
  - Osage County Bred Class is being offered and swine shown in this class MUST be swine bred and owned by OR purchased from an Osage County Swine producer, or swine bred and owned by or purchased from a 4-Her enrolled in the Osage County Swine Project. All swine shown in this class will be shown together. \*\* To be eligible for this class you must complete and turn in the Osage County Bred form to the Osage County Fair Board during animal check-in at the fair.
- Breeding and Market Sheep
  - Osage County Bred Class is being offered and lambs shown in this class MUST be lambs bred and owned by OR purchased from an Osage County Sheep producer, or lambs bred and owned by or purchased from a 4-Her enrolled in the Osage County Sheep Project. All lambs shown in this class will be shown together. \*\* To be eligible for this class you must complete and turn in the Osage County Bred form to the Osage County Fair Board during animal check-in at the fair.
- Breeding and Market Beef
  - Osage County Bred Class is being offered and beef shown in this class MUST be cattle bred and owned by OR purchased from an Osage County Beef producer, or beef bred and owned by or purchased from a 4-Her enrolled in the Osage County Beef Project. All beef shown in this class will be shown together. \*\* To be eligible for this class you must complete and turn in the Osage County Bred form to the Osage County Fair Board during animal check-in at the fair.
- Breeding and Market Goats
  - Osage County Bred Class is being offered and goats shown in this class MUST be goats bred and owned by OR purchased from an Osage County goat producer, or goat bred and owned by or purchased from a 4-Her enrolled in the Osage County Goat Project. All goats shown in this class will be shown together. \*\* To be eligible for this class you must complete and turn in the Osage County Bred form to the Osage County Fair Board during animal check-in at the fair.

# OSAGE CITY FAIR-OSAGE COUNTY BORN

## Animal Information (Please Print)

4-H Member Name \_\_\_\_\_

Species (Beef, Goat, Sheep, Swine) \_\_\_\_\_

Breeding or Market \_\_\_\_\_

Tag # Provided by Extension Office and Weigh-in Date \_\_\_\_\_

Description of Animal \_\_\_\_\_

Origin of Animal (Producer's Name) \_\_\_\_\_

City, State, Zip \_\_\_\_\_

## Affidavit of Animal Origin (to be completed by producer only if animal was purchased)

I certify the above animal was born to a mother that owned by me at the time of the animal's birth. I also certify that I am currently a resident of Osage County, Kansas and was so at the time the above animal was born.

Producer's Signature \_\_\_\_\_ Date \_\_\_\_\_

## Certification by 4-H Member (check the appropriate blank)

\_\_\_\_\_ Born to an animal in my herd

\_\_\_\_\_ Purchased from the above producer

I hereby nominate this animal for the Osage County Born Award at the Osage County Fair

## IMPORTANT

To be eligible for the Osage County Born special award, this form must be completed and turned in on or before July 8th @ animal check-in. Late forms WILL NOT be accepted and late nominations WILL NOT be eligible for the award. \*\* You must also enter into this class on the on-line pre-entry.

# Welcome to the 2026 Osage County Fair



August 11<sup>th</sup>-15<sup>th</sup>

Visit our website: <https://overbrookfair.weebly.com/>

# 2026 Overbrook-Osage County Fair Association

## Officer Team

President.....Charlie Glenn  
Vice President.....Kevin Smith  
Treasurer.....Trent Moore  
Secretary.....Jori Harvey

## Members

Craig Barrington	Darcy Sund	Justin Collins
Damien Fairbanks	Hannah Clark	Dale Lee Musick
Keith Gerisch	Russell Mitchell	Murey Sund
Eric Lind	Jett Lill	Adam Craig
Holly Stebbins	Bryan McGrew	Lane Clark
Jared Faust	Nicki Snodgrass	Nathan Gerisch
Calvin Young	Matthew Craig	
Casey Babbit	Jan Heberling	

# Premiums

Premiums for Livestock and Exhibits in the Coffman Building will be available at the fair office inside the Midway Building on Sunday, August 16<sup>th</sup> at 10:00 a.m.. Premiums for livestock, rabbit, and poultry exhibitors will be available after your pens, cages, or stalls have been inspected by a superintendent or a fair board member. Any premiums not picked up will be given to the extension office for pickup.

## Premiums for the Osage County Fair:

### All Exhibits and small animals (4-H and Open Class)

Purple: \$2.00

Blue: \$2.00

Red: \$1.50

White: \$1.00

### Large animals (4-H Swine, Sheep, Goat, Bucket Calf, Beef, Dairy, & Horse)

Blue: \$7.00

Red: \$6.00

White: \$5.00

### Large animals (Open Class Swine, Sheep, Goat, Bucket Calf, Beef, Dairy, & Horse)

Blue: \$5.00

Red: \$4.00

White: \$3.00

### Booths, 4-H Banners, Club Pen of Three

Purple: \$20.00

Blue: \$20.00

Red: \$15.00

White: \$10.00

No premiums are paid for showmanship classes.

# Entering Exhibits

All 4-H, Open Class, FFA, Boy Scouts, and Girls Scouts exhibits will be entered in the following areas beginning at 8:00 a.m. on Tuesday, August 11<sup>th</sup>. Exhibitors should receive their exhibitor number from the extension office. If you do not have a number, visit the fair board office located on the south end of the Midway Building.

Foods—Boy Scout Building  
All other building exhibits—Coffman Building  
Poultry and rabbits—Poultry and Rabbit Barn  
All other livestock—Show Arena

All entries should be on grounds and entered by 11:00 a.m. on Tuesday. Exceptions are as follows: Dog and Hand Pets shall enter 30 minutes prior to show time. Horses will enter prior to their show.

Mandatory livestock meeting will be held in the show arena starting at 11:00 a.m. on Tuesday. All livestock and small animal exhibitors are required to attend. This meeting will cover all new rules and changes for the fair, address essential information regarding the livestock shows, and the 4-H premium sale. This meeting is also for parents or exhibitors to ask any questions. After the meeting, we will have a meal in the concession stand area and then will begin livestock weigh in at noon.

All exhibits and livestock shall remain on grounds until after the Livestock Premium Sale on Saturday, August 15<sup>th</sup>. In the event of extreme weather conditions and/or livestock temperament, the livestock superintendents and fair board may approve an advance release.

The Coffman Building will be open all day on Saturday and exhibits can be picked up beginning at 10 a.m. on Saturday. Any exhibits left over will be sent to the extension office for pickup.

## Rate of Gain Contest

**Sponsored by Citizens State Bank of Lyndon**

The contest encourages the 4-Her to measure the growth potential of their livestock. The rate of gain contest begins at the designated spring weigh in and concludes at weigh in at the Osage County Fair in Overbrook. To be eligible, animals must be entered and shown in the market class. Winners will be announced during the livestock premium auction on Saturday, August 15<sup>th</sup>.

### Rate of Gain Prize Money

Beef: 1st \$50.00	2 <sup>nd</sup> \$30.00
Sheep: 1st \$25.00	2 <sup>nd</sup> \$20.00
Goat: 1st \$25.00	2 <sup>nd</sup> \$20.00
Swine: 1st \$25.00	2 <sup>nd</sup> \$20.00

# Round Robin Showmanship Contest

Contest will be held at 9:00 a.m. on Saturday, August 15<sup>th</sup>. Senior and Intermediate Showmanship Champions are eligible in the following divisions: Horse, Beef, Dairy Cattle, Dairy Goat, Sheep, Swine, and Meat Goat.

1. Showmanship winners must contact their species superintendent after all species have been judged and indicate whether they are going to participate or not.
2. If the Champion does not compete, then the order of advancement of the round robin will be based on the ascending order of the judges' ranking (i.e., Reserve Champion through Blue). This same ranking will be followed if a champion has qualified in multiple species. Champions can only show in one species. Champions who have qualified in more than one species must choose which species they will compete in for the Round Robin and let the superintendent know.
3. Contestant must agree to show in the Round Robin and provide the animal they won with. Any substitution of animals for the competition will be made at the discretion of the superintendent.
4. Animals used in the competition must be clean to show, but do not have to be fitted.
5. Each species superintendent will be present and responsible for his/her species at the competition.
6. Round Robin participants are encouraged to ask their fellow exhibitors about their species and practice before the contest. We strongly encourage participants to get to know their fellow exhibitors and learn about different species.
7. The winner will be announced at the conclusion of the Round Robin. They will also be announced during the Showcase of Champions, prior to the Parade of Champions, during the livestock sale.
8. The competition will be broken down into two divisions: Intermediate and Senior. The intermediate and senior Round Robin showmanship contest will be held simultaneously. Each participant will have 3-5 minutes to show the species involved. Senior participants will show the senior species champion's animal, and intermediate participants will show the intermediate species champion's animal.

# Pedal Tractor Pull

Boys and girls will pull together ages 4 thru 13. Tractor Pull will be held Saturday, August 15<sup>th</sup> at noon.

Each sled operator will conduct their individual pull as fair as humanly possible without discrimination of age, sex, or race. The kids are the most important.

A. The contestant must be able to pedal the tractor without assistance.

B. All contestants must wear shoes.

C. Each class pulls on the same tractor with the same sled.

D. The pulling tractor must stay between the lines of the pulling lanes at all times. If the tractor leaves the pulling lane, the distance will be measured from the starting line to the point of the front edge of the pan.

E. In case of a tie, there will be a pull off to determine the winner.

F. Anytime the forward momentum of the tractor stops, the pull is over. This includes the foot slipping off the pedal.

G. Sanctioned operators will provide vouchers for the first, second, and third place winners of each class which entitles the contestant to participate in the State pull.

## Overbrook Pride Fair Parade “250 Years of Patriotic Pride”

1. Contact Person: Becky Coltrane [bcoltrane@overbrookks.com](mailto:bcoltrane@overbrookks.com) or call Overbrook City Hall (785) 665-7328
2. Registration: Entries must be received to Overbrook Pride by Wednesday, August 12<sup>th</sup>. Designate category and float title when registering. Email entries to [bcoltrane@overbrookks.com](mailto:bcoltrane@overbrookks.com) or call Becky at City Hall (785) 665- 7328.
3. Schedule: Parade begins at 6:00 p.m. on Saturday, August 15<sup>th</sup>. Arrive no later than 5:30 p.m. Floats will line up on Market, west of Maple. Band Buses and vehicles will park south of La Finca, formally Overbrook Thriftway, and line up on Maple east of grain elevators.
4. No float entry will be eligible for more than one prize.
5. There is no limit to the number of entries by an organization.
6. Points will be considered by judges to award.
  - a. Theme Portrayal: 10 Points
  - b. Skirt Design & Arrangement: 20 Points
  - c. Color Theme: 10 Points
  - d. Neatness & Artistry: 10 Points
7. Prizes are awarded to the 1<sup>st</sup> and 2<sup>nd</sup> place entries in each category
8. Float Categories:
  - a. Most Realistic/True to Theme
  - b. Most Humorous/Comical
  - c. 4-H Floats

## 4-H Livestock Sale

Livestock sale cards are due 30 minutes after the conclusion of beef show on Friday, August 14<sup>th</sup>. Livestock cards can be turned into the fair office in the Midway. If you do not turn a sale card in, you cannot sale your animals. Exhibitors are only allowed to sell **ONE** animal during the premium sale. Champions will sell first and then rest of species will sell in order of their class placing. Animals that do not meet the minimum weight requirements will not be allowed to sale in premium sale.

## 2025 4-H Award Sponsors

Our fair would not be possible without these great businesses and people. Thank you for all that you do for our Osage County 4-Hers.

Russel & Stephanie Smith

Dean & Diana Supple

Kansas State Bank

Gary & Shirley Wray

Amy Lang

Carbondale Pet Clinic

Running with Scissors

Flory Swine Genetics

Cannon Family

Citizen's State Bank

# 2026 Overbrook Fair Show Schedule

## August 11<sup>th</sup>-15<sup>th</sup>

### Saturday, August 8<sup>th</sup>

- 8:30 AM—Horse Show (LQ Farms 5624 E 181<sup>st</sup> St)

### Sunday, August 9<sup>th</sup>

- 3:00– 6:00 PM—Fair Set-Up

### Tuesday, August 11<sup>th</sup>

- 8:00-11:00 AM—4-H Exhibitor Check-in—All Sheep and Goats must be checked by the Vet prior to unloading from the trailer
- 10:00-11:00 AM—Open Class Exhibitor Check-in
- 11:00 AM—Livestock Exhibitors Meeting at the Show Arena
- 11:15 – Noon—Meal for all Exhibitors & Volunteers (Concession Stand)
- Noon—Weigh-in Beef, Sheep, Swine & Goats at Show Arena
- 1:00 PM—Judging of all building exhibits—food for sale will be after judging
- 3:00 PM—Dog Show (Midway Building)
- 9:00 PM—Coffman Building will close

### Wednesday, August 12<sup>th</sup>

- 8:30 AM—Rabbit Show (Rabbit & Poultry Barn)
- 9:30 AM—Poultry Show (Rabbit & Poultry Barn)
- 6-11 PM—Carnival
- 7:00 PM-Dairy Goat Show followed by Meat Goats and Sheep (Livestock Arena)
- 9:00 PM—Coffman Building will close
- 

### Thursday, August 13<sup>th</sup>

- 6-11 PM—Carnival
- 7:00 PM—Ranch Rodeo
- 7:00 PM—Swine Show (Livestock Arena)
- 9:00 PM—Coffman Building will close

**Friday, August 14<sup>th</sup>**

- 6-11 PM—Carnival
- 6:30 PM—Bucket Calf Show (Livestock Arena)
- 7:00 PM—Dairy Cattle Show followed by Beef Show (Livestock Arena)
- 7:00 PM—Bulls, Broncs and Barrels, followed by Dallas Pryor Concert
- 9:00 PM—Coffman Building will close

**Saturday, August 15<sup>th</sup>**

- 9:00 AM—Round Robin Contest (Livestock Show Arena)
  - Immediately following Round Robin, all non-sale livestock and building exhibits are dismissed
- 12:00 PM—Kids Pedal Tractor Pull
- 2:00 PM—Pet Show (Livestock Show Arena); Entries due 30 minutes before the show
- 6-11 PM—Carnival
- 6:00 PM—Showcase of Champions followed by the Parade of Champions
- 6:30 PM—Livestock Auction
  - Immediately following the Livestock Auction, all livestock is dismissed
- 7:00 PM—Demolition Derby

**Sunday, August 16<sup>th</sup>**

- 9:00 AM—Fair tear down and clean up
  - Premium money will be available to pick up at the fair office after clean up

4-H  
and OPEN  
CLASS  
GENERAL  
RULES  
& CLASSES

The 4-H Clubs below are scheduled to clean up the designated livestock areas in preparation for the next 4-H Show or Activity.

**Osage City Fair**

North Osage 4-H Pavilion after Beef show

Melvorn Jr. Highline 4-H Pavilion after Goat and Sheep show

Burlingame 4-H Pavilion after the Swine show

**Overbrook Fair**

Willing Workers 4-H Show Area after Swine show

Lyndon Leaders 4-H Show Area after Sheep show

All 4-Hers Show Area after Beef show

\*We should always leave areas better than we found them. If you see trash, whether it is your club's scheduled clean-up day or not, please dispose of it properly.

## **RULES AND REGULATIONS**

### **Rule 1 - General Rules**

A. The management of the Osage City and Overbrook Fair Associations hereby reserves the right to postpone the fair for any cause whatsoever deemed necessary for the good of all parties concerned.

B. In no event will the Osage City or Overbrook Fair Association or its officers, directors or members be held responsible for any loss or damage to the property or person of exhibitors or other persons while on the Fairgrounds, whether said loss or damage shall arise from an accident or any cause whatsoever. All diligence will be used by the officers of the association to prevent any loss or mishap.

C. All departments will be guided by special rules pertaining to their departments.

D. Any person who violates any of the following special rules OR THE 4-H CODE OF CONDUCT (FOR 4-H MEMEBERS) will forfeit all privileges and premiums and be subject to such penalties as the board of directors may order.

E. Age of 4-Her is determined as of January 1 of the current year.

F. Cloverbud exhibits will receive a participation ribbon – no premium.

## **Rule 2 - Entry Requirements**

**A. ALL 4-H/FFA EXHIBITORS MUST BE OSAGE COUNTY 4-H OR FFA MEMBERS.**

B. Out of county 4-H/FFA members can exhibit in open classes.

C. All articles and animals must be entered with the superintendents of the various departments in the name of the owner.

D. No animal or article will be entered in more than one department or compete for more than one premium.

E. Open Class exhibitors must own their own livestock and it may not be shown in any 4-H class.

## **Rule 3 - Liability of Exhibitor**

A. All property entered for competition, display or any other purpose shall be subject to the control of the management.

B. In no case shall the fair boards be held responsible for any loss, damage, accident, or injury from any causes of people or animals, disease included, while they or their property are on the grounds. If exhibitors desire protection, they must make their own arrangements for insurance.

## **Rule 4 - Exhibits**

**A. 4-H exhibits must show in 4-H classes listed in this fair book. NO 4-H classes will be added at the fair.**

B. 4-H Club members can enter their 4-H Club exhibits only in their own class. If they wish to enter in the Open Class, it is necessary that they exhibit other than what they have entered in their 4-H Department.

C. All agricultural, horticultural and floral exhibits must be grown by the exhibitor.

D. If it be ascertained that any exhibitor or exhibitors family has in an inappropriate manner taken exception to the judgement rulings of an awarding committee, judge or any of the fair officials, the board of directors can expel said exhibitor so offending, from competition or exhibiting on the grounds until he/she has made proper apology and been reinstated.

E. If it is found that an exhibitor has made any false statement in regards to any animal or article or if the 4-H member interferes with the judges performance of their duties, he/she will be excluded from competing.

F. 4-H exhibitors will follow the Kansas 4-H Code of Conduct printed in the fair book.

### **Rule 5 - Removal of Objectionable Exhibits and Displays**

A. The management reserves the right to remove from the grounds any exhibit, animal, concession or show that may be falsely entered, or may have a sign, banner or advertising matter which may be deemed unsuitable or objectionable by them removed without assigning a reason therefore and if necessary return any money already paid for space or stalls, which will exonerate them from any claim on part of an exhibitor.

### **Rule 6 - Commercial Exhibits**

A. No person or persons will be permitted to distribute advertising matter on the fairgrounds except from their place of business or exhibit space. The tacking or posting of other advertisements, bills or cards, other than within the space occupied by the exhibit is strictly prohibited. The distribution of hand bills, fliers and heralds will not be permitted under any circumstances. Anyone violating this rule is liable to a fine or expulsion from the fairgrounds. Begging, soliciting, and unauthorized signing or public speaking is positively prohibited.

B. No claim for injury to any person or property shall be asserted nor suit instituted against the Fairboards on behalf of any person, firm or corporation having a license to exhibit on the grounds.

C. If any damage, loss, or injury of property shall be caused by reason of neglect of willful act of any person, firm, or corporation having license privilege to exhibition fair grounds, the Fairboards shall not be responsible therefore, and in case it be subjected to any expense or liability, all persons causing same shall identify the association.

D. The sale of alcohol and games of chance are strictly forbidden.

E. Any official of the Fair boards will have access to the premises of any exhibitor or concessionaire at any or all times.

### **Rule 7 - Copyright Laws**

Copyright Laws: Exhibitors should avoid using copyrighted materials whenever possible by originating his/her own work. Exhibitors should use with caution a copyrighted and/or trademarked product or service (a brand name, label or product). The intent of using the copyright or trademark materials for educational purposes such as an exhibit, educational poster/display or public presentation is acceptable under the "Fair Use" (legal use) provision. "Fair Use" is a provision of the current copyright law that allows reproduction without payment or permission of limited portions of a copyrighted work for educational and other public interest purposes. Regardless of the "Fair Use" provision, the inference that a specific name brand product is good or bad inherently or through comparison must be done cautiously, using acceptable research/comparison methods and have a disclaimer that the conclusions are those of the participant and not those of K-State Research and Extension. A copyright and trademark are

legal methods used by writers, artists, corporations and others to protect their original work. Protected items may range from books to music, or logos to computer graphics. Copyrighted and/or trademarked materials used in banners, displays, demonstrations, posters or other activities for endorsement or promotion instead of educational purposes will be disqualified and will not be displayed or receive ribbons or premium. The use and inclusion of specific brand names for educational purposes does not imply endorsement or refusal by the Department of 4-H Youth Development, Kansas State University Agriculture Experiment Station and Cooperative Extension Service, the State of Kansas or the Osage County Fairboards.

### **Rule 8 - Premiums and Awards**

A. No animal or article deemed unworthy will be awarded a premium. In case there is no competition by another exhibitor, only one prize may be awarded and this will be determined by the judge on merit and over his signature. No exhibitor will be paid more than two money prizes in the individual classes.

B. Premiums will be paid out by placing: **BLUE, RED, WHITE**. Champions will receive Purple Ribbons and Reserve Champions a Pink Ribbon.

### **Rule 9 - Accessibility Information**

A. 4-H Youth Development and K-State Research and Extension are committed to making their services, activities, and programs accessible to all participants. If you have special requirements because of physical, mental, learning, vision, hearing or other impairment, please contact the Frontier Extension District office.

## **Explanation of Ribbon System**

### **All 4-H, FFA & Boy Scouts Departments are judged on DANISH System**

A. All exhibits receive a ribbon and are judged in comparison with an ideal standard, not each other.

B. Exhibits are placed in 4 ribbon groups. **PURPLE**-outstanding on all standards. **BLUE**-exceeds the minimum standard, may have minor flaws where improvement can be made. **RED**-meets all minimum standards, may be visible signs of needed improvements. **WHITE**- fails to meet minimum standards.

### **All Open Class Departments are judged on the AMERICAN System.**

A. Not all exhibits may receive a ribbon.

B. Exhibits are ranked 1-2-3, etc. with a different colored ribbon for each placing and are compared to each other. Exhibits not receiving a colored ribbon placing may receive a participant ribbon.

### **Herdsmanship Award**

#### **Beef, Dairy, Goats, Poultry, Rabbits, Sheep & Swine Sponsored by: Osage County Farm Bureau Association**

The Osage County Farm Bureau Association would like to present a \$25.00 check to a 4-H Livestock participant at each fair.

We would like each livestock superintendent to pick someone from their respective area (Beef, Dairy, Goats, Poultry, Rabbits, Sheep and Swine). To be eligible for the herdsmanship award, exhibitors are required to take care of their animals and exhibit humane treatment for all livestock and pets as well as keep their stall locations clean. Once all superintendents have picked a representative from their area, they need to write the 4-H'ers name down on a piece of paper and give it to the Fair's General Livestock Superintendent. Once all entries have been collected, the General Livestock Superintendent would put all of the names in a hat and draw one of them out to receive the check for that fair. It is felt that this is the fairest way to give all livestock entries the same chance of receiving the check at each of the County Fairs.

## 4-H LIVESTOCK SALE

### Osage City: KC Bond

#### Overbrook:

**1. MARKET LIVESTOCK NOT MEETING MINIMUM WEIGHT ARE NOT ELIGIBLE FOR THE GRAND DRIVE.**

2. **Osage City Only:** There will be a floor price put on all livestock to be sold.
3. There will be no weight limits to show in the fair.
4. The weight of steers must be 1,000 pounds to sell in the sale. **The steers will have a 3% shrink.**
5. There will be no shrink in Hogs, Sheep or Goats.
6. The weight of hogs must be 230 pounds to sell in the sale.
7. The weight of lambs must be 90 pounds to sell in the sale.
8. The weight of goats must be 50 pounds to sell in the sale.
9. Market animals will not be allowed to re-weigh once they have checked in and been weighed.
10. The sale committee has the final decision of any questions that may be brought before them.
11. In order to be eligible to sell you must have shown your animal and be present to sell.
12. Only one animal per exhibitor may be sold at the sale.
13. **OSAGE CITY ONLY:** The Grand Champion and Reserve Grand Champion Market Animals are encouraged to, but not required to sell at the Livestock Sale. The exhibitor may choose to sell another animal which was exhibited in a market class and meets market weight requirements. That animal will be sold according to its placing in the class. (Limit of 1 animal may be sold.) If a 4-H exhibitor has 2 or more Grand Champions and/or Reserve Grand Champions, in any combination the 4-Her has the choice of which 2 animals to sell. (Limit of 2 Champion/Reserve animals may be sold.)

**OVERBROOK ONLY:** For 2026 Only: Exhibitors will have the option to sell for a premium only, or to sell in the terminal sale. This designation must be made at check-in of the fair.

**Premium Only Option:** If you sell in the premium-only sale, animals will not have floor buyers provided by the fair board. The exhibitor will retain ownership of the animal, and the animal may be shown after sale.

**Terminal Sale Option:** The exhibitor will not retain ownership of the animal. There will be floor buyers provided.

**For both options:** Only ONE animal is allowed to be sold during the auction. Champions will sell first, followed by the rest of the species in order of place.

14. All animals must have slaughter weight, conformation, quality and finish to sell in the 4-H Livestock sale. Sale manager's decision is final.

**4-H and Open General Livestock Rules**

**Osage City: KC Bond**

**Overbrook:**

1. No exhibitor may show more than two animals in any one class.
2. Exhibitors are required to provide their own bedding and clean their stall at the close of the fair.

<b>Market Division</b>	<b>Gender</b>	<b>Date of ownership</b>	<b>Family Nomination</b>	<b>USDA Scrapie Tag</b>
Market Beef	Steer or Heifer	April 1	X	
Marking Swine	Barrow or Gilt	May 15	X	
Market Sheep	Wethers or Ewe	May 15	X	X
Market Goat	Wethers or Does	May 15	X	X
Breeding Beef	Heifers	May 15	X	
Breeding Swine	Gilt	May 15	X	
Breeding Sheep	Ewes	May 15	X	X
Breeding Goat	Does	May 15	X	X
Dairy (Goat and Cattle)	Heifers, Does or Cows	May 15	X	X (goats only)

**3. TAGGING INFORMATION and REQUIREMENTS**

**BREEDING LIVESTOCK: TO SHOW IN A BREED CLASS THE FEMALE DOES NOT NEED TO BE REGISTERED. ALL BREEDING LIVESTOCK MUST BE TAGGED BY THE ABOVE DATES!!!!**

*TAGGING DEADLINES FOR STATE SHOWS WILL REMAIN THE SAME AS IN THE PAST, AS DICTATED BY THE STATE 4-H DEPARTMENT.*

**EAR-TAG IDENTIFICATION: ALL MARKET ANIMALS AND BREEDING ANIMALS (BEEF, SWINE, GOAT, SHEEP) MUST BE PROPERLY IDENTIFIED WITH THE KANSAS 4-H EAR TAG BY DATES SHOWN ABOVE. NO RETAGGING WILL BE DONE AT THE**

FAIRS. IT IS THE RESPONSIBILITY OF THE 4-H MEMBER TO HAVE LOST EAR TAGS REPLACED PRIOR TO THE FAIR.

ALL MARKET AND BREEDING SHEEP AND GOATS MUST BE IDENTIFIED WITH AN OFFICIAL USDA PREMISE SCRAPIE ID TAG.

DAIRY ANIMALS (CATTLE AND GOATS) NO LONGER NEED TO BE TAGGED TO SHOW. DAIRY GOATS STILL NEED TO HAVE A USDA SCRAPIE TAG.

See more details under each species information

4. In all breeding and market species, each animal must be identified with an approved 4-H/FFA ear tag, by breed, and in a single exhibitor's name.

5. BREED SIZE: Three (3) head of any breed shall constitute a division. However, the superintendent has the discretion to allow a division of less than 3 head of a breed. Any breed with less than the number to constitute a breed division as determined by the superintendent will be shown in the All Other Breeds (AOB) division. If there are less than three (3) head in the AOB division, the superintendent will decide whether to show the animals as an AOB division or enter them in the Crossbred division.

#### 6. GROOMING:

Exhibitors are expected to groom their own animals. Assistance may only be provided by a family member, another Osage County 4-H or FFA member, or a 4-H/FFA project leader. Because this is an educational experience, exhibitors should be present when receiving help with fitting or grooming.

7. SHOWING OF ANIMALS: Exhibitors must accompany their animals, care for them and be present to exhibit their entries. If an exhibitor has two animals in the same class another exhibitor may assist by showing that animal.

8. Exhibitors must show their own animals unless at school or have an uncontrollable absence. Summer sports and vacations are not considered uncontrollable absences.

**9. Animals previously sold at county, state or regional shows are not eligible for entry in this show.**

10. If youth are members of both 4-H and FFA, each individual animal must be declared as either a 4-H or FFA project and be entered and shown that way. Youth can have a 4-H livestock project and an FFA livestock project they just can't use the same animal for both 4-H and FFA. Also, these youth's projects (combined 4-H and FFA) will be limited to two head per class, purebred.

11. Handling of animals: All animals will be handled in a humane manner in accordance with accepted animal husbandry practices.

12. Out of county 4-H and FFA livestock projects will be shown in open class and not be allowed to sell.
13. While in the show ring, exhibitors are **NOT ALLOWED** to wear clothing with any livestock or breeder advertisement. **Attire must be appropriate for showing livestock.**
14. SHOWMANSHIP: Livestock used for showmanship must be owned and tagged in the 4-H/FFA exhibitors name by the stated tagging deadline.
15. OFFICIAL ANNOUNCEMENTS AT SHOW: Sometimes it is necessary to make a change in the Show which involves a rule change. In such cases, official announcements will be made. These announcements take precedence over written policy or procedures.
16. EMERGENCIES WHICH MAY AFFECT ARRIVAL TIME AT THE SHOW: In the event of an emergency which could make entries late, the exhibitor or parent must call the Fair Livestock Superintendent and get clearance for a late check-in.
17. PEN OF THREE (OVERBROOK ONLY): Pen of Three is classified as three livestock exhibits from the same 4-H Club. It can be made from market or breeding livestock and shall be from at least two different exhibitors in the same 4-H Club.
18. WITHDRAWAL TIMES FOR DRUGS, GROWTH PROMOTANTS, AND OTHER APPROVED MATERIALS: Exhibitors, their parents, leaders and instructors have a serious responsibility to use animal health products, growth promotants and any other approved materials with great care, only when needed and in correct amounts. Approved withdrawal times are set and must be followed to assure that meat consumers receive wholesome food. A **Drug Withdrawal Certificate (available at check-in time at the fair)** will be provided and must be completed at check in. Market livestock will not be allowed to show or sell without a completed certificate signed by the exhibitor and parent or guardian. The withdrawal date for medications and legal drugs will be the date of animal check- in. If any analysis shows the presence of any amount of a diuretic, unapproved or illegal drug, or a legal medication not meeting the withdrawal time as of the animal check-in date of the show, the exhibitor of the animal will forfeit all prizes and premiums. The Fair Association shall be entitled to disqualify an exhibitor whose animal tests positive for any drug even if the exhibitor and the exhibitor's parents or guardians are innocent of any wrongdoing and did not administer the drug. The analysis of the testing laboratory shall be final and conclusive without recourse against the Fair Association or any officer, or employee thereof, or any laboratory. The exhibitor waives any right of action which he/she might have for any action taken under this rule, and releases the Fair association and the laboratory from any and all claims or demands whatsoever in connection with the inspection or testing of any such animal or ruling or action taken by reason of the conclusion of such testing laboratory. As breeding animals are not entering the food chain, the USDA Wholesome Meat Act does not apply.

19. NO PREMIUM PAID ON CONDEMNED CARCASS: The Executive Committee (for the Show) will allow NO PREMIUM TO BE PAID to any exhibitor of a market animal whose carcass is condemned by an official inspector because of any unethical practice such as giving by mouth or injection of any prohibited medication or the physical alteration of such carcass. The exhibitor will forfeit all auction proceeds and receive no money from the condemned carcass. The class placing will not change.

**20. Open Class exhibitors must own their own livestock and it may not be shown in any 4-H class.**

21. Any livestock entered in the fair may be used in the Livestock Judging Contest while the animal is at the fair.

22. No intact male livestock will be allowed on fair grounds except for poultry and rabbits.

### **Health Requirements**

1. No health papers will be required.

2. A local veterinarian will be present to inspect all animals to see that there is no evidence of contagious or infectious disease.

3. Animals will be inspected at the time of unloading or shortly thereafter. **Sheep and Goats cannot unload until they have been inspected by the vet.**

4. Animals showing signs or symptoms of contagious diseases like active lesions of ring worm, sore mouth, multiple warts visible without examination, or infected with mange, will not be permitted to exhibit.

5. Any oral or injected medication must be given in the presence of a Veterinarian or Departmental Livestock Superintendent.

## **BEEF DIVISION**

**Osage City: Lyndee Garrett**

**Junior: Paige Thielen**

**Overbrook:**

**Junior:**

(Breed abbreviation must be part of class number)

A=Angus, H=Hereford, SH=Shorthorn, L=Limousin, SM=Simmental, G=Gelbvieh, MA=Maine Anjou, CA=Chianina, AOB=All other breeds, COM=Commercial, CH=Charolais

### **BEEF HEIFERS (4-H & FFA)**

All breeding heifers must have been tagged on or before May 15 of the current year, and have been identified by official 4-H/FFA beef ear tag and breed.

- Class 1000 Junior Heifer Calves, calved after Jan. 1, current year.
- Class 1001 Senior Heifer Calves, calved Sept.1-Dec. 31, previous year.
- Class 1002 Summer Yearling Heifers, calved May 1-Aug. 31, previous year.
- Class 1003 Junior Yearling Heifers, calved Jan 1-April 30, previous year.
- Class 1004 Senior Yearling Heifers (born September 1 to December 31, 2 years previous)
- Class 1005 Cow/Calf Pairs

### **BEEF SHOWMANSHIP (4-H & FFA)**

- Class 1006 Senior Showmanship, Age 14 & up
- Class 1007 Intermediate Showmanship, Age 11 to 13
- Class 1008 Junior Showmanship, Age 7 to 10

### **MARKET BEEF – STEERS OR HEIFERS (4-H & FFA)**

All market beef must have been tagged and identified by an official electronic 4-H/FFA ear tag number and breed by the May 1 deadline.

1. Classes will be divided by weight if the number justifies. The decision will be made by the Beef Superintendent.
2. Market heifers will be shown by weight and will be shown in the Grand Drive along with the steer breed champions. A Grand and Reserve Grand Market animal will be selected from the steer breed champions/reserve and market heifer class champions/reserves.
3. Market Steers will be shown by breed or as AOB if not a crossbreed.
4. Must weigh 1000 pounds to sell.

- Class 1009 Market Steer
- Class 1010 Market Heifer (Osage City Only)
- Class 1011 Osage Bred (Osage City Only. See rules on page 17)
- Class 1012 Club Pen of Three (Overbrook only)

### **OPEN CLASS BREEDING BEEF**

(See breeds previously listed in 4-H classes)

- Class 1013 Heifer Calf, Junior or Senior
- Class 1014 Heifer, 1 year old & under 3 years old
- Class 1015 Cow, 3 years & older
- Class 1016 Open Adult Showmanship
- Class 1017 Market Steer , follow same breeds and rules as 4-H
- Class 1018 Market Heifer

Champion and Reserve Champion ribbons will be awarded if quality warrants.

### **Dairy Division**

**Osage City: Lendee Garrett      Junior: Paige Thielen**

**Overbrook:                      Junior:**

(Breed abbreviations must be part of the class number)

HO=Holstein, JE=Jersey, BS=Brown Swiss, MS=Milking Shorthorn, AS= Ayrshire, AOB= All Other Breeds

### **DAIRY HEIFERS (4-H & FFA)**

All dairy heifers must have been tagged on or before May 15 of the current year, and have been identified by official 4-H/FFA beef ear tag and by breed.

- Class 1101 Junior Calf, born March 1 to May 15, current year
- Class 1102 Intermediate Calf, born December 1, previous year, to February 28, current year
- Class 1103 Senior Calf, born September 1 to November 30, previous year
- Class 1104 Summer Yearling Heifer, born June 1 to August 31, previous year
- Class 1105 Junior Yearling Heifer, born March 1 to May 31, previous year
- Class 1106 Winter Yearling Heifer, born December 1, two years previous to February 28,

previous year

Class 1107 Senior Yearling Heifer, born September 1 to November 30, two years previous

Class 1108 Dry Cow, any age

Class 1109 Cow in production, any age

### **DAIRY SHOWMANSHIP (4-H & FFA)**

Class 1110 Senior Showmanship, 4-H/FFA Age 14 & up

Class 1111 Intermediate Showmanship, 4-H/FFA Age 11 – 13

Class 1112 Junior Showmanship, 4-H/FFA Age 7-10

### **OPEN CLASS DAIRY**

(Follow the same breeds and ages of the 4-H classes.) No showmanship.

### **4-H/OPEN CLASS BUCKET CALF DIVISION**

**Osage City: Lendee Garrett      Junior: Paige Thielen**

**Overbrook: Junior:**

1. A bucket calf is defined as an orphan or newborn calf, male or female dairy, beef or cross, fed on bucket or bottle.
2. There will be one age class for calves, January 1 to May 1, of current year.
- 3 Conference judging will be held. The judging will be as follows:
  1. 50% on the child's knowledge.
  2. 50% on health, cleanliness and general appearance of the calf (hair, coat, etc.)
4. All male bucket calves must be castrated.
5. Youth **CAN NOT SHOW** in both 4-H and Open Class.
6. Youth must own their own bucket calf - one calf per year per 4-Her.

Class 1200 Junior Bucket Calf: 4-H'ers age 9 years

Class 1201 Senior Bucket Calf: 4-H'ers age 10-12 years

Class 1202 Bucket Calf-Open Class; 12 years old & younger and non-4-Her

Class 1203 2<sup>nd</sup> year Bucket Calf

## **SHEEP DIVISION**

**Osage City: Pam Whitmer and Collene Stucky**

**Junior: Kevin Whitmer**

**Overbrook: Junior:**

(Breed abbreviations must be part of the class number)

DO=Dorset, HA=Hampshire, SU=Suffolk, CR=Crossbreds, AOB=All Other Breeds

1. All sheep will be slick shorn prior to arrival at the fair.
2. The fair management will provide trained personnel (local veterinarian) to determine the presence or absence of fungal lesions.
3. Any and all sheep with evidence of fungal lesions shall be taken home, isolated from other animals and restricted to that farm of origin until all lesions are healed. Non-lesioned sheep transported on the same vehicle with infected animals shall be denied entrance to the fair.
4. **During the judges' inspection or handling, all four feet of the animals are to be in contact with the ground.**
5. **All sheep must be identified with an official USDA scrapie premise ID tag.**

### **BREEDING SHEEP (4-H & FFA)**

All breeding ewes must have been tagged on or before May 15 of the current year, and have been identified by official 4-H/FFA sheep ear tag and by breed.

- Class 1300 Ewe Lambs, under one year old  
Class 1301 Yearling Ewes, one year old and older  
Class 1302 Aged Ewes, 2 years old and older  
Class 1303 Ram Lambs, under one year

### **SHEEP SHOWMANSHIP (4-H & FFA)**

- Class 1304 Senior Showmanship, Age 14 & up  
Class 1305 Intermediate Showmanship, Age 11-13  
Class 1306 Junior Showmanship, Age 7-10

### **MARKET LAMB (4-H & FFA)**

1. All fat lambs must weigh a minimum of 90 pounds to sell.
2. Market lambs can be wethers or ewes. Ewe's cannot be shown in both breeding and market classes. All market lambs must have been tagged and identified by an official electronic 4-

H/FFA sheep ear tag number and breed by the May 15 deadline.

Class 1307 Market Lambs

Class 1308 Osage Bred (Osage City only. See rules on page17)

Class 1309 Club Pen of Three (Overbrook only)

### **OPEN CLASS BREEDING SHEEP**

(See breeds previously listed in 4-H classes)

Class 1310 Ewe Lamb, under one year old

Class 1311 Yearling Ewe, Over 1 year old

Class 1312 Aged Ewe, 2 years old and over

Class 1313 Open Adult Showmanship

Class 1314 Open Markey, born after January 1<sup>st</sup> of current year

Champion and Reserve Champion ram and ewe ribbons will be awarded if quality warrants.

### **SWINE DIVISION**

**Osage City: Kyle Bond Junior: Kooper Bond**

**Overbrook: Matt & Mitch Corwine Juinor:**

(Breed abbreviations must be part of the class number)

CW=Chester White, DU=Duroc, HA=Hampshire, PC=Poland China, SP=Spot, YK=York,  
AOB=All Other Breeds, CR=Crossbreed

### **BREEDING SWINE (4-H & FFA)**

All breeding gilts must have been tagged on or before May 15 of the current year, and have been identified by official 4-H/FFA swine ear tag and breed. Breed classes will be offered and will be broken by age if numbers warrant it.

Class 1400 Farrowed, January 1 - January 31 - current year

Class 1401 Farrowed, February 1 - February 28 - current year

Class 1402 Farrowed, March 1 - March 31 - current year

### **SWINE SHOWMANSHIP (4-H & FFA)**

Class 1403 Senior Showmanship, Age 14 & over

Class 1404 Intermediate Showmanship, Age 11-13

Class 1405 Junior Showmanship, Age 7-10

## **MARKET HOGS (4-H & FFA)**

1. Each animal must weigh a minimum of 230 pounds to sell.
2. Market hogs must be gilts or barrows. Gilts cannot be shown in both breeding and market classes.
3. Barrows must be physically castrated.

All market hogs must have been tagged and identified by an official electronic 4-H/FFA swine ear tag number and breed by the May 15 deadline.

Class 1406 Market Hogs

Class 1407 Market Hogs Lightweight (under 230 pounds. Osage City Only)

Class 1408 Osage Bred (Osage City only. See rules on page 17)

Class 1409 Club Pen of Three (Overbrook only)

## **OPEN CLASS SWINE**

(See breed classes listed previously in 4-H classes)

Class 1410 Jan. and Feb. Gilt of current year

Class 1411 March Gilt of current year

Class 1412 Open Adult Showmanship; **ribbons will be awarded for Class 1436**

Class 1413 Open Market - born after January 1, current year

Champion and Reserve Champion ribbons will be awarded for gilt in each class if quality warrants.

## **DAIRY GOAT DIVISION**

**Osage City: Pam Whitmer and Collene Stucky Junior: Claire Newman**

**Overbrook: Junior:**

Dairy goat breeds: Alpine, La Mancha, Nubian, Oberhasli, Saanen, Toggenburg, and all other breeds.

1. Entries will be placed in classes by age with the day of judging being the base date.
2. Each exhibitor is limited to two dairy goats per class and six head total.
3. Only does are allowed to show.
4. Exhibitors are requested to be appropriately dressed (preferably in white) when showing animals.

5. Meat goats cannot be shown in dairy goat classes.

6. **All goats must be identified with an official USDA premise ID tag (scrapie tag).** Goats will be inspected for clinical signs of disease.

#### **DAIRY GOAT SHOWMANSHIP (4-H & FFA)**

Class 1500 Senior Showmanship, Age 14 & over

Class 1501 Intermediate Showmanship, Age 11 to 13

Class 1502 Junior Showmanship, Age 7-10

#### **DAIRY GOATS (4-H & FFA)**

Class 1503 Junior Doe, birth date to April 1 of current year

Class 1504 Junior Doe, birth date from March 1 to March 31

Class 1505 Junior Doe, birth date from September 16, 2 years previous to September 16 previous year (dry yearling)

Class 1506 Senior Doe, 2 years and under in milk or previously freshened

Class 1507 Senior Doe, 3 years in milk or previously freshened

Class 1508 Senior Doe, 4 years in milk or previously freshened

Class 1509 Senior Doe, 5 years in milk or previously freshened

#### **OPEN CLASS DAIRY GOATS**

(Follow the same breeds and ages of the 4-H classes.) No showmanship.

#### **MEAT GOATS**

**Osage City: Pam Whitmer and Collene Stucky Junior: Allie Kneisler**

**Overbrook: Junior:**

Market Goats are eligible for the Premium Sale. Meat goats are goats bred for meat purposes. Does or wethers of any breed will be judged on merits for meat purposes.

1. Market goats will be weighed with the sheep. Meat goats must weigh 50 pounds to be eligible for Grand and Reserve Grand and to sell in the premium sale. There will be an underweight class, but those animals are not eligible for Grand Champion, nor will they make the sale.

2. Market meat goats must be meat-type goats (Boer, Spanish, Myotonic, Pygmy, Kiko, San Clemente, Dairy Breeds wethers only, or a cross with one of these breed types).

3. Goats must have milk teeth in place at the time of the fair weigh-in. Market goats must be less

than one year of age.

4. All goats are required to have horns tipped (not less than the diameter of a dime at the end). No sharp points allowed. No tipping of the horns on the fairgrounds. (Dehorning prior to the fair is acceptable).

5. Goats shall be exhibited with a clean hair coat. Animals may be shown with the natural hair coat or sheared with no clipper marks present. Hooves should be clean and properly trimmed.

6. **All goats must be identified with an official USDA premise ID tag (scrapie tag).** Goats will be inspected for clinical signs of disease.

7. Goats must be shown with all four feet on the ground. Exhibitors may use a collar, a collar with a short lead, or a halter when showing. Medium/3mm or smaller pinch collars will be allowed. Exhibitors can only briefly touch their animal with their hands to position legs or head.

8. Meat goats shown in meat classes, cannot be shown in dairy classes and vice versa. Also, a doe shown in the market meat goat class cannot be shown in the breeding meat goat classes.

9. Identification: All market meat goats must be tagged on or before May 15 of the current year with an official 4-H/FFA goat EID tag in the exhibitors name.

10. Meat goats will be judged by weight classes only.

#### **MEAT GOATS (4-H & FFA)**

All market meat goats must have been tagged and identified by an official electronic 4- H/FFA goat ear tag number and breed by the May 15 deadline.

Class 1510 Meat Goat under 50 pounds

Class 1511 Meat Goat 50 pounds or heavier

Class 1512 Osage Bred (Osage City only. See rules on page 17)

#### **MEAT GOAT SHOWMANSHIP (4-H & FFA)**

Class 1513 Senior Showmanship, Ages 14 & Over

Class 1514 Intermediate Showmanship, Ages 11-13

Class 1515 Junior Showmanship, Ages 7-10

#### **BREEDING MEAT GOATS**

Breeding meat goats must be meat-type goats Boer (B), Spanish (SP), Myotonic (MY), Pygmy (P), Kiko (K), San Clemente (SC), Crossbreed (CR), Nigerian Dwarf (ND), or AOB

1. All goats are required to have horns tipped (not less than the diameter of a dime at the end). No sharp points allowed. No tipping of the horns on the fairgrounds. (Dehorning prior to the fair is acceptable).

2. Goats shall be exhibited with a clean hair coat. Animals may be shown with the natural hair coat or sheared with no clipper marks present. Hooves should be clean and properly trimmed.
3. **All goats must be identified with an official USDA premise ID tag (scrapie tag).** Goats will be inspected for clinical signs of disease.
4. Meat goats are to be shown with a collar, lead, chain, halter or hand under the jaw.
5. Exhibitors will not lift front legs of the goat off the ground during examination by the judge.
6. Meat goats shown in meat classes, cannot be shown in dairy classes and vice versa. Also, a doe shown in the market meat goat class cannot be shown in the breeding meat goat classes.
7. No billys (intact males) allowed on the fair grounds.
8. No more than two breeding goats per class, per breed can be shown by a 4-Her.
9. Breeding meat goats will be shown by breed and by age.

#### **BREEDING MEAT GOATS (4-H & FFA)**

All breeding meat goat females must have been tagged on or before May 15 of the current year, and have been identified by official 4-H/FFA goat ear tag and breed.

- |            |                                     |
|------------|-------------------------------------|
| Class 1516 | Doe Kids – 4 to 6 months            |
| Class 1517 | Doe Kids – 7 to 9 months            |
| Class 1518 | Doe Kids – 10 to 12 months          |
| Class 1519 | Yearling Does – 12 to 24 months     |
| Class 1520 | Two year old Does – 24 to 36 months |
| Class 1521 | Aged Does – over 36 months          |

#### **OPEN CLASS BREEDING AND MARKET MEAT GOATS**

(Follow the same breeds and ages of the 4-H classes.)

## **POULTRY DIVISION**

**Osage City: Patrick & Jessica Newman**

**Junior: Claire Newman and Mason Newman**

**Overbrook: Hope Koger & Dusty Rolla**

1. We are currently on a 5-year PT testing rotation, and 2029 is our year to test.
2. Each member may exhibit one pen per breed per class or two single entries per breed per class, with a maximum of 12 birds total. It is required that poultry be banded to insure proper identification.
3. Judging of classes will be done primarily on the basis of exhibition qualities as described in "The American Standard of Perfection"

### **POULTRY (4-H & FFA)**

- Class 1600 Standard Breeds - Large Fowl - Young -1 bird of either sex
- Class 1601 Standard Breeds - Large Fowl - Old - 1 bird of either sex
- Class 1602 Standard Breeds - Bantams - Young - 1 bird of either sex
- Class 1603 Standard Breeds - Bantams – Old - 1 bird of either sex
- Class 1604 Production Pullets - Pen, 3 Standard bred, Cross or Strain cross pullets to be judged on egg production qualities
- Class 1605 Production Hens - Pen, 3 Standard bred, Cross or Strain cross pullets to be judged on egg production qualities
- Class 1606 Dual Purpose Pullets - Pen of 3, such as Rhode Island Reds, New Hampshire, Plymouth Rocks, etc.
- Class 1607 Dual Purpose Hens - Pen of 3, such as Rhode Island Reds, New Hampshire, Plymouth Rocks, etc.
- Class 1608 Meat-type Chickens, Pen of 3 Standardbred, Crossbred or Strain cross birds of the same sex to be judged on meat production qualities only.
- Class 1609 Turkeys, all breeds - 1 bird of either sex
- Class 1610 Ducks, Call or Bantam all breeds - 1 bird of either sex
- Class 1611 Geese, all breeds - 1 bird of either sex
- Class 1612 Pigeons- 1 bird of either sex

## **POULTRY SHOWMANSHIP (4-H & FFA)**

- Class 1613 Senior Showmanship, Ages 14 & Over
- Class 1614 Intermediate Showmanship, Ages 11-13
- Class 1615 Junior Showmanship, Ages 7-10

## **OPEN CLASS POULTRY**

**Birds showing signs and symptoms of disease will not be allowed to show/exhibit on the premises.**

Birds classed as follows: Cock - Male, 1 year or over, Cockerel - male, under 1 year old Hen - Female, 1 year or over, Pullet - Female, under 1 year old.

### **IF POSSIBLE BRING YOUR OWN CAGE.**

- Class 1616 Standard Breeds - Large Fowl - Young - 1 bird either sex
- Class 1617 Standard Breeds - Large Fowl - Old - 1 bird of either sex
- Class 1618 Standard Breeds - Bantams - Young - 1 bird either sex
- Class 1619 Standard Breeds - Bantams - Old - 1 bird either sex
- Class 1620 Production Pullets - Pen, 3 Standardbred, Crossbred or Strain cross to be judged on egg production qualities.
- Class 1621 Production Hens - Pen, 3 Standardbred, Crossbred or Strain cross to be judged on egg production qualities.
- Class 1622 Dual Purpose Pullets; Pen of 3. Such as Rhode Island Reds, New Hampshire, Plymouth Rocks, etc.
- Class 1623 Dual Purpose Hens; Pen of 3. Such as Rhode Island Reds, New Hampshire, Plymouth Rocks, etc.
- Class 1624 Geese 1 bird either sex
- Class 1625 Guineas 1 bird either sex
- Class 1626 Duck 1 bird either sex
- Class 1627 Turkey 1 bird either sex
- Class 1628 All other fowl

## RABBIT DIVISION

**Osage City: Patrick & Jessica Newman Junior: Claire Newman and Mason Newman**

**Overbrook: Hope Koger & Dusty Rolla**

1. Only those rabbits receiving a blue ribbon or better in a county show may be entered in the State Fair. A different animal than the one exhibited at the county fair may be shown at the State Fair; provided the quality is equal to the one exhibited at the County level; it has been carried in the same project phase; and is the same breed, variety and class. Any rabbit shown must have been owned by the 4-H'er by June 15 of the current year.
2. **4-Hers can NOT take rabbits to or from the judging table at the State Fair.**
3. Each rabbit must be legibly and permanently tattooed in its left ear for identification. Tattoo is required for State Fair also.
4. Each exhibitor may bring NO more than 18 different rabbits. However, only two entries per class, per variety, per breed may be shown. This does NOT include meat pen.
5. There will be no cross-breed classes.
6. All rabbits will be divided into classes by ages and judged according to their breed standard as listed in the American Rabbit Breeders Association (ARBA) "Standard of Perfection." Only breeds recognized by ARBA may be shown.
7. 4-Hers must be present to show their rabbit.
8. Rabbits shown in 4-H cannot be shown in Open Class and Open Class cannot be shown in 4-H.
  - A. **Pre-Junior** - (Under 3 months) classes only in the following breeds: Beveren, Californian, Champagne D'Argent, Checkered Giant, Argent Brun, American Chinchilla, Giant Chinchilla, Cinnamon, Creme D'Argent, Blanc de Hotot, New Zealand, and Palomino.
  - B. **Juniors** - (Under 6 months) .
  - C. **Intermediate** - (6-8 months) classes only in the following breeds: American, Argent Brun, Giant Angora, Beveren, Californian, Champagne D'Argent, Flemish Giant, Blanc de Hotot, English Lop, French Lop, New Zealand, Palomino, Satin, Silver Fox, Checkered Giant, American Chinchilla, Giant Chinchilla, Cinnamon, and Creme D'Argent.
  - D. **Senior** - Six months of age or over for all breeds other than those listed having Intermediate classes. Eight months of age or over for breeds having Intermediate classes.

### RABBITS (4-H & FFA)

Class 1700 Senior Buck. Eight months of age and over for breeds with Intermediate classes; six months and over for all other breeds.

- Class 1701 Senior Doe. Eight months of age and over for breeds with Intermediate classes; six months and over for all other breeds.
- Class 1702 Intermediate Buck. Only breeds listed above with intermediate classes.
- Class 1703 Intermediate Doe Only breeds listed above with intermediate classes.
- Class 1704 Junior Buck. Under six months of age.
- Class 1705 Junior Doe. Under six months of age.
- Class 1706 Pre-Junior Buck. Only breeds listed above with pre-juniors.
- Class 1707 Pre-Junior Doe. Only breeds listed above with pre-juniors.
- Class 1708 Fur Classes: Fur entries must be made from rabbits that are entered in the regular breed classes (Classes 1700-1707). You may enter 2 rabbits for each fur class. **Ribbons only, no premium for fur classes.**
- Class 1709 Meat Pen: 3 rabbits, all one recognized breed and variety, (broken varieties must be the same color), minimum weight 3 1/2 pounds each, maximum weight 5 1/2 pounds each. Will be judged on their meat qualities, condition, uniformity, and fur. No rabbit used for meat pen class will be used for other classes. Meat pen rabbits cannot be over 70 days of age.
- Class 1710 Junior Showmanship, Age 7-10
- Class 1711 Intermediate Showmanship, 11-13
- Class 1712 Senior Showmanship, 14 and over

### **OPEN CLASS RABBITS**

- A. Any rabbit showing signs and symptoms of disease will not be allowed to show.
- B. Each rabbit must be legibly and permanently tattooed in its left ear for identification.
- C. No more than 2 entries in each class per variety, per breed.

- Class 1713 Senior Buck. Eight months of age and over for breeds with intermediate classes; six months and over for all other breeds.
- Class 1714 Senior Doe. Eight months of age and over for breeds with intermediate classes; six months and over for all other breeds.
- Class 1715 Intermediate Buck. Only breeds listed above with intermediate classes.
- Class 1716 Intermediate Doe. Only breeds listed above with intermediate classes.
- Class 1717 Junior Buck. Under six months of age.
- Class 1718 Junior Doe. Under six months of age.
- Class 1719 Pre-Junior Buck. Only breeds listed with pre-juniors.

Class 1720 Pre-Junior Doe. Only breeds listed with pre-juniors.

Class 1721 Meat Pen: 3 rabbits, all one recognized breed and variety, minimum weight 3 pounds each, maximum weight 5 pounds each. Will be judged on their meat qualities, condition, and uniformity. No rabbit used for meat pen class will be used for other classes. Meat pen rabbits cannot be over 70 days of age.

## 4-H HORSE SHOW

**Osage City: Dorothy Christiason Junior: Katie Lowry & Karley Lowry**

**Overbrook : Carolyn Lowry**

\*\*\*Pre-Entry form on next pages\*\*\* Must be turned in by due date. NO EXCEPTIONS

**Osage City due by July 24<sup>th</sup> using online Fair Entry system.**

**Overbrook due to Carolyn Lowry (785-224-9192) by August 1<sup>st</sup>.**

1. 4-H members must be enrolled in the 4-H Horse project to Exhibit in this division.
2. 4-H Dress Code will be required as outlined in the Kansas 4-H Horse Show Rule Book, S-133.
3. The Kansas 4-H Horse Show Rule Book S-133 will govern the show.
4. No stallions are permitted.
5. Only mares and geldings may be shown at halter and under saddle.
6. 4-H Horse ID papers will be checked for all horses at entry.
7. All Horses must have evidence of a negative equine infectious anemia test (Coggins) conducted within 12 months of the show. Must be form VS 10-11.
8. The use of protective headgear, in place of a hat, is the optional choice of the exhibitors in any and all Western classes, including judged, timed, and futurity classes.
9. Check-in times:

Osage City: 8:30 a.m. with show at 9:00 a.m. July 12<sup>th</sup> (Held at Burns Skyview Ranch).

Overbrook – 8:00 a.m. with show at 8:30 a.m. August 2<sup>nd</sup> (Held at LQ Farms 5624 E 181<sup>st</sup> St, Overbrook, KS)

- 1901 Halter: 3 Years Old & Under– all Stock Types– Fillies and Colts
- 1902 Halter: 4 Years Old & Over– all Stock Types– Type Geldings
- 1903 Halter: 4 Years Old & Over Non– stock Type Geldings
- 1904 Halter: 4 Years Old & Over Stock Type Mares
- 1905 Halter: 4 Years Old & Over Non– Stock Type Mares
- 1906 Halter: Ponies and Miniature Horse– all ages, Mares and Geldings
- 1907 Showmanship Ages: 14-18
- 1908 Showmanship Ages: 10-13
- 1909 Showmanship Ages: 7-9

- 1910 In Hand Trail– all ages
- 1911 Trail Ages 14-18
- 1912 Trail Ages 10-13
- 1913 Trail Ages 7-9
- 1914 2 Years Old Snaffle Bit
- 1915 3 Years Old Snaffle Bit
- 1916 English Pleasure Ages 14-18
- 1917 English Pleasure Ages 10-13
- 1918 English Pleasure Ages 7-9
- 1919 English Equitation Ages 14-18
- 1920 English Equitation Ages 10-13
- 1921 English Equitation Ages 7-9
- 1922 Hunter Hack Ages 14-18
- 1923 Hunter Hack Ages 10-13
- 1924 Western Pleasure Walk-Jog Ages 14-18
- 1925 Western Pleasure Walk—Jog Ages 10-13
- 1926 Western Pleasure Walk-Jog Ages 7-9
- 1927 Western Pleasure Pony-all ages
- 1928 Western Pleasure Non-Stock-all ages
- 1929 Western Pleasure Stock Ages 7-9
- 1930 Western Pleasure Stock Ages 10-13
- 1931 Western Pleasure Stock Ages 14-18
- 1932 Horsemanship Ages 14-18
- 1933 Horsemanship Ages 10-13
- 1934 Horsemanship Ages 7-9
- 1935 Reining Ages 14-18
- 1936 Reining Ages 10-13
- 1937 Reining Ages 7-9

1938 Flag Race Ages 14-18  
1939 Flag Race Ages 10-13  
1940 Flag Race Ages 7-9  
1941 Barrels Ages 14-18  
1942 Barrels Ages 10-13  
1943 Barrels Ages 7-9  
1944 Poles Bending Ages 14-18  
1945 Poles Bending Ages 10-13  
1946 Poles Bending Ages 7-9

# Osage County Fair Horse Show Pre-entry Form

Exhibitor #

Check-in times for shows:

Osage City – June 27<sup>th</sup> Check in 8:30 a.m.; Show at 9:00 a.m.

(Held at Burns Skyview Ranch)

Overbrook – August 8<sup>th</sup> 8:00 a.m. with show at 8:30 a.m.

(Held at LQ Farms)

**Osage City Horse Show Pre-entry is to be done on online Fair Entry system June 10<sup>th</sup> -July 24<sup>th</sup>.**

**Horse Show Pre-Entry date is August 1<sup>st</sup> for Overbrook Fair.**

Name: Back #

Sex of horse: Age (as of Jan. 1):

To enter, check the line under the pre-entry dates for the class numbers you wish to enter.

8/2

Class #

	1901	Halter: 3 Years Old & Under– all Stock Types– Fillies and Colts
	1902	Halter: 4 Years Old & Over– all Stock Types– Type Geldings
	1903	Halter: 4 Years Old & Over Non– stock Type Geldings
	1904	Halter: 4 Years Old & Over Stock Type Mares
	1905	Halter: 4 Years Old & Over Non– Stock Type Mares
	1906	Halter: Ponies and Miniature Horse– all ages, Mares and Geldings
	1907	Showmanship Ages: 14-18
	1908	Showmanship Ages: 10-13
	1909	Showmanship Ages: 7-9
	1910	In Hand Trail– all ages

1911	Trail Ages 14-18
1912	Trail Ages 10-13
1913	Trail Ages 7-9
1914	2 Years Old Snaffle Bit
1915	3 Years Old Snaffle Bit
1916	English Pleasure Ages 14-18
1917	English Pleasure Ages 10-13
1918	English Pleasure Ages 7-9
1919	English Equitation Ages 14-18
1920	English Equitation Ages 10-13
1921	English Equitation Ages 7-9
1922	Hunter Hack Ages 14-18
1923	Hunter Hack Ages 10-13
1924	Western Pleasure Walk-Jog Ages 14-18
1925	Western Pleasure Walk—Jog Ages 10-13
1926	Western Pleasure Walk-Jog Ages 7-9
1927	Western Pleasure Pony-all ages
1928	Western Pleasure Non-Stock-all ages
1929	Western Pleasure Stock Ages 7-9

1930	Western Pleasure Stock Ages 10-13
1931	Western Pleasure Stock Ages 14-18
1932	Horsemanship Ages 14-18
1933	Horsemanship Ages 10-13
1934	Horsemanship Ages 7-9
1935	Reining Ages 14-18
1936	Reining Ages 10-13
1937	Reining Ages 7-9
1938	Flag Race Ages 14-18
1939	Flag Race Ages 10-13
1940	Flag Race Ages 7-9
1941	Barrels Ages 14-18
1942	Barrels Ages 10-13
1943	Barrels Ages 7-9
1944	Poles Bending Ages 14-18
1945	Poles Bending Ages 10-13
1946	Poles Bending Ages 7-9

Pre Entries for Overbrook Fair may be made on this form and sent in by the earliest entry deadline.

Send Entries to:

Carolyn Lowry

[carolynmiles1@hotmail.com](mailto:carolynmiles1@hotmail.com)

(785) 224-9192

I, the undersigned, hereby release the Overbrook Fair Associations, Fair Committees, 4-H Horse Show Superintendents and all other parties from any and all responsibilities for injuries or damages sustained by my child \_\_\_\_\_, our livestock or property, occurring in conjunction with the 4-H Horse Show held in Osage City and Overbrook, Kansas on given show dates. I have read the rules and class descriptions on the preceding pages and will abide by these rules.

\_\_\_\_\_  
Parent/Guardian Signature

\_\_\_\_\_  
Date

## 4-H DOG DIVISION

Osage City: Junior:

Overbrook: Junior:

### General Regulations

1. State 4-H Dog Show Immunization Record (MG-34 Revised, **October, 2017** accepted) must be completed on each dog entered at the 4-H Dog Show. The fully completed form must be presented on day of show to be eligible to compete. **Required vaccinations Include:** Bordatella, Distemper, Hepatitis, Parvovirus, Parainfluenza, and Rabies. The rabies vaccination must be administered by a licensed veterinarian. All vaccinations must be current. Dogs must be 6 months of age at time of show.
2. Any abuse of dogs on the grounds, or in the ring, will resort in disqualification.
3. No dog in season will be allowed to show in showmanship or obedience.
4. Well-fitting collar of leather, chain, or fabric is to be used for Obedience and Rally Obedience; for Agility, a buckle or snap collar; for Showmanship, a show lead that serves as both collar and lead or a fine link chain collar, a “snake” chain or a fabric slip collar with a narrow, lightweight fabric or leather lead. No spiked, pinch, special training collars, and hanging objects from collars are allowed.
5. Baiting your dog will not be allowed.
6. A 4-H'er may enter only one dog per class.
7. Any dog fouling the ring will receive a white ribbon. Owners should collect all dog waste in plastic bags and put in trash.
8. The County Fair Dog Show will follow rules as listed in the published Kansas 4-H Dog Rule Books: Kansas 4-H Dog Show Rule Book(S-46 (Revised), April 2012; Kansas 4-H Agility Dog Show Rule Book, S-124 (Revised), March 2012; and Kansas 4-H Rally Obedience Rule Book, 4H965 (Revised), March 2012. Other guidelines used are: Kansas 4-H Dog Show Judge's Guidelines Showmanship/Obedience, S82 (Revised), January 2013 and Kansas 4-H Rally Obedience Dog, Show Judge's Guide, 4H1023, March2013.
9. For time constraints, teams receiving a non-qualifying score may be excused from the ring at the show committee's discretion for long performance times (more than 5 minutes) AND repeated failures at obstacles.
10. Score sheets are available at [http://www.kansas4-h.org/events-activities/fairs/kansas-state-fair/docs/dog/State\\_Fair\\_Dog\\_Show\\_Score\\_Sheets.pdf](http://www.kansas4-h.org/events-activities/fairs/kansas-state-fair/docs/dog/State_Fair_Dog_Show_Score_Sheets.pdf) or through The Extension Office for showmanship and obedience.

## **4-H DOG SHOWMANSHIP**

- Class 2000 Junior Showmanship, 7-11 years old  
Class 2001 Intermediate Showmanship, 12-14 years old  
Class 2002 Senior Showmanship, 15 and older

- I. Fitting the Dog, 30 points.
- II. Showmanship of the Handler, 35 points
- III. Coordination Between Handler and Dog, 35points

Grand total.....100 points

## **4-H DOG OBEDIENCE**

- Class 2003 Pre-Novice A-(beginners with first year dogs).  
Heel on leash and figure 8, Stand for examination, Recall, Long sit (1 minute), Long down ( 3 minutes).
- Class 2004 Pre-Novice B-(2nd yr member & older with first year dogs).  
Heel on leash and figure 8, Stand for examination (on leash) Recall (on leash), Heel (on leash), Long sit (1 minute), Long down (3 minutes).
- Class 2005 Pre-Novice C-(2nd yr member & older with more than 1st year dog).  
Heel on leash and figure 8, Stand for examination (on leash), Recall (on leash), Recall (on leash), Long sit (1 minute), Long down (3 minutes).
- Class 2006 Novice A-(1st yr Novice). First time in Novice.  
Heel on leash and figure 8, Heel free, Stand for examination (off leash), Recall (off leash), Long sit (1 minute), Long down (3 minutes).
- Class 2007 Novice B-(Experienced member and experienced dog in Novice). Second time in Novice.  
Heel on leash and figure 8, Heel free, Stand for examination (off leash), Recall (off leash), Long sit (1 minute), Long down ( 3 minutes).
- Class 2008 Graduate Novice (Those who scored 170 pts. In Novice A or B).  
Heel on leash, Heel on leash and figure 8, Stand for examination (off leash), Drop on recall, Long sit (member out of sight 3 minutes), Long down (member out of sight 5 minutes).

Class 2009 Open A (Those who scored 170 pts. In Graduate Novice).

Heel free and figure 8, Retrieve on flat, \*Broad jump, Drop on recall, Long sit (member out of sight 3 minutes), Long down (member out of sight 5 minutes).

Class 2010 Open B (Those who scored 170 pts. In Open A).

Heel free and figure 8, \*Broad jump, Retrieve on flat, \*\*Retrieve over high jump, Drop on recall, Long sit member out of sight 3 minutes), Long down (member out of sight 5 minutes) \* 2 times height of high jump \*\* 1 ½ times height at withers (Minimum 8", Maximum 36").

Class 2011 Utility A. For all 4-H members and dogs who have qualified in Open B. All exercises off leash.

Class 2012 Utility B. For all 4-H members and dogs who have qualified in Utility A. All exercises off leash.

Ribbon Groups:

Purple.....190-200 points

Blue.....170-189.5 points

Red.....150-169.5 points

White.....149.5 points or less

**RALLY OBEDIENCE COMPETITION**

Class 2013 Rally Level I is on lead and for local shows only

Class 2014 Rally Level II

Class 2015 Rally Level III

Advancement: After receiving two qualifying scores (blue or purple) from two different judges, a rally obedience team must advance to the next level at the start of the next 4- H year.

## 4-H PETS

**Osage City: Jake & Jenny Wilcoxson      Junior: Reece Wilcoxson, Leila Wilcoxson**

**Overbrook:                      Junior:**

1. A 4-Her must be enrolled in Pets to exhibit.
2. Pets will be placed in the various classes as designated. If there is a question about which class your pet should be in, final decision will be made by an Extension agent and the Superintendent.
3. All animals must be confined i.e.: fish in bowls, cats in cages, goats on a lead.
4. Pets will be judged on overall conditions, thriftiness, clean and presentable, and disposition. Also creativity of the 4-Her.
5. A 4-Her may show no more than two animals per class.
6. Rabbits, dogs, cats, or other animals being shown in other divisions are not eligible to show in the Pet division.
7. Animals will be brought only during the show time and returned home afterwards.

Class 2100      Hamsters, Gerbils, Rabbits, etc.

Class 2101      Fish, Reptiles

Class 2102      Birds

Class 2103      Dogs

Class 2104      Cats

Class 2105      Goats

Class 2106      Other

## OPEN CLASS PETS

\*Open Class Pets - Same classes as 4-H are available.

## 4-H VISUAL ARTS

Osage City: Marjorie Vaughn

Junior: Reece Wilcoxson and Leila Wilcoxson

Overbrook: Jamie Guenther and Libby Thompson

Junior:

**\*One art exhibit from each class will be chosen to go to State Fair. Exhibits chosen will be contacted by the Extension Office after Overbrook Fair.**

1. Read General Rules.
2. All Exhibits must be the result of the current year's 4-H project.
3. A maximum of three exhibits per 4-H member may be entered in this division. More than one entry may be made in any class.
4. 4-Her's must be enrolled in Visual Arts to exhibit in this division.
5. Skill art exhibits must be original work. An exhibit may include multiple sketches mounted on a matte board or framed. Notebooks of drawings may be entered in the Miscellaneous Division.
6. All items which need to hang must have hardware attached. (including all fine arts) must have wire or saw tooth hanger attached (no string or tape). If necessary hardware is not attached, it will be deducted a ribbon and will not be displayed.
7. Multi-piece items should be marked accordingly.
8. 4-H members should exhibit in the project in which they are enrolled. The Fiber Arts Project offers classes for quilting, embroidery, counted-cross stitch, ect.
9. The following classes will be judged in age groups, 7 to 10 year olds, 11 to 13 year olds, and 14 years and older.

### CLASSES

#### **2201 - Fine Arts**

Oil, chalk, charcoal, dyes, pastels, pencil, ink, acrylic, or watercolor on canvas, canvas board, paper, wood, metal, or textiles, framed as a picture, prepared for hanging. Stretched canvas art on a wooden frame is considered prepared for hanging provided that frame has a hanger.

#### **2202 - Clay and Ceramics**

Any original item made of clay; may be fired or unfired, hand formed, or thrown on a wheel. Self-hardening, fire/oven-cured, and/or cornstarch clays are acceptable. Items can include, but are not limited to, clay statues, bowls, etc.

#### **2203 - Leather and Jewelry**

Any leather stamping, carving, tooling, lacing, or stitching piece or any jewelry piece made from any medium are acceptable exhibits. Leather project kits are acceptable due to leather being

precut for particular projects. If a 4-H member makes their own leather pattern that should be explained in the rubric and the pattern included.

### **2204 - Three-Dimensional**

The piece must be observable on at least three sides and should be either free-standing or prepared to be hung. Craft and pre-formed or assembled projects are not acceptable.

### **2205 - General Crafts**

This category incorporates miscellaneous pieces that do not correspond to the four, above-mentioned categories.

Visual Arts Definitions/Explanations:

**Two-Dimensional Art is described as a form of visual art that exists on a flat surface and has width and height but no depth. Examples include drawings, paintings, prints, photography and can be created with charcoal, ink, watercolor, pencil, paint, etc.**

**Three-Dimensional Art is described as a form of art that has height, width and depth and can be viewed from multiple angles. 3D art takes up physical space. Examples include clay molding, glass blowing, sculpture, casting, modeling, carving and construction.**

**Explanation of the term “kit” – Any art project that comes pre-packaged or boxed as a “kit” is not an allowable project. While utilizing kits can help build skills, the work needs to be original to the 4-H member. Examples include paint by number, diamond art kits, string art, etc. Exception: Leather project kits, due to the nature of pre-cut leather, are allowed.**

**Explanation of “original art” -**

- **If a 4-H member creates their own pattern or art project that contains paint, diamond art beads, string art or any other medium, then it becomes their own work and in turn can evolve into an allowable project.**
- **Combining parts of different patterns (pictures, photographs, images from the internet or magazine) with the member’s own ideas can result in an original design.**
- **Changing only the color, pattern or size does not make the design original.**
- **If a photo, sketch or other idea source was used, or a new pattern was created by the 4-H member please submit it with the judging rubric.**
- **The design process for original art by the 4-H member must be explained in the judging rubric.**

**Painted craft versus glazed pottery – When a 4-H member uses acrylic paint on pre-made**

**ceramic pieces it is considered a painted craft. When a 4-H member applies glaze to greenware and the pieces are fired, that is considered pottery/ceramics and fine art.**

### Copyright

\*Kits and preformed molds are not considered original and are not acceptable in any Visual Arts Class. Combining parts of different patterns (pictures, photographs, images from the internet or a magazine) with the member's own ideas can result in an original design, but simply changing the color, pattern, and/or size of a pattern does not make the design original. If you create a replica of what you see somewhere else (i.e. Pinterest), it is not your original design. If a photo, sketch, or other idea source was used, submit it with your entry, firmly attached to your exhibit.

## **4-H BANNERS & BOOTHS**

**Osage City: Collene Stucky      Junior: Ruby Stucky**

**Overbrook North Osage 4-H Club**

### **Banner:**

1. 4-H Clubs may enter a 4-H Club Booth and/or 4-H Club Banner. **Banners and Booths Do Not Go on to State Fair.**
2. Banners should illustrate a phase of 4-H work which is being practiced by boys and girls in 4-H.
3. Banners are a two dimensional display, depicting one idea.
4. Banners should be made out of flame-resistant material.
5. Banners must be hung on a rod strong enough to support the banner. They must have a chain 6" long attached to each end of the dowel stick. The other end of the 6" chain will be connected to an "S" hook which will permit the banner to be suspended by the chains on a wire. Banners mounted any other way will not be displayed due to technical problems.
6. Banners must be made of non-flammable materials that permit the banner to be folded or rolled without damaging the display. Three dimensional objects may not be attached to the banner.
7. A label is to be attached to the back lower left-hand corner of the banner giving the name of the club, county, and year. Names of the 4-H'ers are optional. Waterproof ink prevents smearing and is recommended for the label.
8. Avoid using copyrighted materials.

**Basis of Evaluation:**

I. Educational Value - 40%

- A. Presents suggestion or striking facts that are simple in form and quickly grasped, or
- B. Shows extent to which 4-H involvement meets a fundamental need, or
- C. Promotes decision and action.

II. Interest and Originality – 20%

- A. Presents original, unusual or striking method of exhibition.
- B. Holds interest of people until they have read or observed essentials of the message.
- C. Defines clearly on central idea.

III. Appearance – 20%

- A. General appearance, artistic, neat and attractive.
- B. Can be viewed and read (if words are used) a distance up to 20 feet

IV. Quality of Display Material – 20%

- A. Display must be made of materials that will permit the banner to be rolled, folded, and displayed repeatedly without damaging the banner.
- B. Banner must be minimum of 12 feet and maximum of 16 square feet, with minimum of 3 feet on one side.
- C. Banners must be hung on rod and a rope or hanging wire, strong enough to support the banner.

Class 2206 4-H Club Banner

**Booth:**

Booths must be pre-entered by June 30th to the Extension Office. Judging will be based as follows:

- A. Educational Value – 40%
- B. Interest Value – 20%
- C. Appearance – 20%
- D. Quality of Display Material – 20%

Class 2207 4-H Club Booth

Class 2208 4-H Club Barn Quilt

## **4-H SEWING AND TEXTILE DESIGN**

### **Superintendents**

**Osage City: Collene Stucky and Susan Smith**

**Junior: Lena Stucky, Ruby Stucky**

**Overbrook: Jamie Guenther and Libby Thompson**

1. Read General Rules.
2. All work exhibited must be the product of the current year's club work.
3. Exhibitor must be enrolled in project in which exhibit is entered.
4. A maximum of three exhibits per 4-H member may be entered in the clothing division. More than one exhibit may be entered in each class.
5. Garments may have been worn before exhibited, but if so be carefully laundered or cleaned before being exhibited.
6. Label: Identification Labels (sew or use a safety pin, no straight pins may be used to attach these items)
  - a. Type or print on 3" x 2½" piece of cloth: Class Number, County or District, Name and number of pieces in exhibit, ie 1 of 2, 2 of 2.
  - b. Attach labels on inside of garment with a safety pin or corner stitches(back of neck, center back of waistband, or left end of apron band). Label each piece.
  - c. Place entry form and score card on front left shoulder seam of garment or to the left side of waistband with hanger opening facing to the left, as if you were wearing the garment, so that the hanger opening faces the attached entry form.
  - d. Please use a string to tie together the hangers of exhibits that require more than one hanger. Examples: Dress and jacket, Top and skirt.
7. Pre-cut kits are acceptable. All articles/garments must be finished for use.
8. The exhibitor may attach an index card, no larger than 4"x6" with the entry form to give the judge any information which the exhibitor thinks would be helpful for the judge to know.
9. Educational Exhibit Classes - Share with others what you learned in the sewing and textile project. Exhibits may be in the form of a poster, notebook or display. Follow copyright laws as explained in the General Rules as you are preparing your exhibit. Take care to select durable materials that will withstand State Fair conditions. No card table 10 displays are allowed. If the exhibit is a poster, it must not be larger than 22"x 28". If the exhibit is a display, maximum size is not to exceed a standard commercial 3' x 4' tri-fold display board. Name and county/district must be clearly marked on educational exhibits.

10. Recycled Clothing Project – An item made of at least 50% recycled material (recycled means reusing an existing item in a new way). Could be remaking/redesigning a garment, re-purposing a clothing item for a new use, etc. Must include sewing of some kind. An index card (no larger than 4" X 6") MUST accompany entry describing the recycled materials and how they were used in the item.

- Class 2220 An article, garment, or outfit constructed by a 7-8 year old exhibitor
- Class 2221 Educational exhibit prepared by a 7-8 year old exhibitor (construction)
- Class 2222 An article, garment, or outfit constructed by a 9-11 year old exhibitor
- Class 2223 Educational exhibit prepared by a 9-11 year old exhibitor (construction)
- Class 2224 An article, garment or outfit constructed by a 12-14 year old exhibitor
- Class 2225 Educational exhibit prepared by a 12-14 year old exhibitor (construction)
- Class 2226 An article, garment or outfit constructed by a 15-18 year old exhibitor
- Class 2227 Educational exhibit prepared by a 15 to 18 year old exhibitor (construction)
- Class 2228 Recycled Clothing Project

#### **4-H SHOPPING IN STYLE**

##### **Superintendents**

**Osage City: Collen Stucky**

**Junior: Lena Stucky**

**Overbrook: Jamie Guenther and Libby Thompson**

4-H members will learn what clothing styles look best on them while they also gain skills in building a versatile wardrobe and staying within their budget. Each year enrolled in Shopping in Style should build on previous year's learning experience. Exhibit one of the following options that align with the 4-H member's Shopping in Style level.

##### **Rules**

1. Posters can be flat poster board or foam board, no larger than 22" x 28."
2. Tri-fold educational displays must be free standing and no larger than 36" x 48."
3. Photos of 4-H member in purchased outfit must demonstrate criteria as outlined on scoresheet. Consider multiple angles, good light and highlight details so that the judge may accurately evaluate the exhibit.
4. Exhibits should include actual photos of 4-H member in garments, and may also include pictures from magazines or the internet.
5. To be eligible for State Fair, exhibitors must do one of the displays and qualify at the local county level.

**6. Entries in this Department will be judged based on a 4-H member's poster or display, rather than a physical garment or outfit. No Shopping In Style Clothing will be judged at the fairs. Those wishing for the clothing to be judged, should enter the Fashion Revue. Please call the Extension Office with questions.**

**Classes** Exhibit one of the following options that align with the appropriate Shopping in Style level:

**Class 2240 Shopping in Style: Junior (age 7-9)** Choose one of the following activities from Unit 1 or Unit 2 of the curriculum project manuals. Exhibit should consist of poster that showcases:

- A. a garment you purchased that reflects your personal style and explains how this garment reflects your style and how it influences what others think of you; **OR**
- B. a garment you purchased and explains how your personal style either aligns or contradicts what is considered to be "in style" today. **OR**
- C. a garment you purchased and explains or illustrates how this garment is a modern version of a fad or fashion from an earlier decade; **OR**
- D. a garment you purchased and explains how this garment reflects a different ethnic or cultural influence; **OR**
- E. a garment you purchased and includes a color discussion that provides an overview of how different colors complement different hair colors and skin tones and how that influenced garment selection.

**Class 2241 Shopping in Style: Intermediate (age 10-13)**– Choose one of the following activities from Unit 3 or Unit 4 of the curriculum project manuals. Exhibit should consist of a display that showcases:

- A. an outfit you purchased to wear with a clothing item that was already in your wardrobe that still fit but you didn't wear anymore. Explains why the clothing item was not being worn and what you did to transform it into a wearable garment again. **OR**
- B. a top and bottom that you purchased, as well as at least three pieces of clothing in your existing wardrobe that you can mix and match with the new items to create multiple outfits. Includes a clothing inventory and explain what you have learned by completing this activity. **OR**
- C. an outfit you purchased and explain why you selected the garment you did, your shopping budget, and cost per wear; **OR**
- D. an outfit you purchased and explain how advertising influences clothing purchases making a distinction between wants and needs. Include your shopping budget and cost per wear. **OR**
- E. an outfit you purchased along with a cost comparison between garments/accessories purchased vs. sewing/constructing the outfit. Comparison should include variety of shopping options and/or price tracking at stores over a period of time.

**Class 2242 Shopping in Style: Senior (age 14-18)**– Choose one of the following activities from Unit 5 or Unit 6 of the curriculum project manuals. Exhibit should consist of a display that showcases:

- A. an outfit you purchased and care requirements not only for this garment but also for garments made of other natural and synthetic fibers. Display should also include a care cost analysis for garments of different fibers; **OR**
- B. an outfit you purchased which you have repaired or altered. Include a clothing inventory list which includes cost savings for repaired items as compared to purchasing replacement garments; **OR**
- C. an outfit you purchased along with plans and commentary for a fashion show that that would capture the attention of an audience. Plans should identify target audience, venue, theme, budget, and logistical plan for the fashion show; **OR**
- D. an outfit you purchased and explain 3 methods of clothing repair that you have learned, i.e. torn seam, torn hem, replacing a button, etc. Display should also include photos and list of your assembled clothing first aid kit. Include itemized expenses; **OR**
- E. An outfit you purchased, and feature any other completed activity from the Shopping In Style curriculum of your choosing that isn't listed above.

## **4-H ELECTRIC AND RENEWABLE ENERGY**

### **Superintendents**

**Osage City: Dustin Stucky**

**Junior: Korbin Reeves**

**Overbrook: Jamie Guenther and Libby Thompson**

**Junior:**

1. Read General Rules.
2. Each Electronics & Renewable Energy exhibit must include a "4-H Electronics & Renewable Energy Information Form" which is available through your local K-State Extension Office or at <http://electric.engtech4ks.com/> . This form must be attached to the outside of a 10" X 13" manila envelope. You must also include a wiring diagram or schematic. Place them inside the manila envelope. For notebooks, display boards, and posters, no additional exhibit information is required; no manila envelope is needed for these exhibits.
3. Items that have been in use should be cleaned for exhibit.
4. All electrical exhibits' wiring and connections must be accessible for examination by the judges. Sealed exhibits that cannot be opened for inspection are not acceptable.
5. Lithium batteries must be accessible or removable in exhibits for safety purposes. The exhibit cannot contain a locked compartment housing a lithium battery.
6. The National Electric Code (NEC) will apply for judging.
7. A sheet of operating instructions must be furnished and included in the manila envelope for any exhibit that is not self-explanatory.
8. Projects (classes 2300, 2301 and 2302) must be operable using only 110 or 120V AC or battery power. If battery power is required, batteries must be furnished.
9. Any project with a complexity of size or electronics must have (a) instructions for assembly and use and (b) if it requires special test equipment beyond a screwdriver or multimeter, it should be available at the time of judging for actual testing of the exhibit.
10. No hand dipped solder may be used on exhibits.
11. If a safety violation is noted by the judges, superintendent, or other staff, the exhibitor's exhibit, at the judge's discretion, may receive a reduced ribbon placement or disqualification.

## **Electrical and Electronics**

- Class 2300 AC Electric Projects. Electric projects with a 110 or 120V alternating current (AC) power source. Some project examples are household wiring demonstrations, small appliances extension cords, trouble lights, indoor or outdoor wiring boards or shop lights. Projects may be a restoration or original construction. The project must be operational and meet minimum safety standards. AC projects must be 110/120 V, no 240 V exhibits are allowed, and must be constructed such that the judges have wiring access to examine the quality and safety of workmanship.
- Class 2301 DC Electric Projects. Electric projects with a battery or direct current power source. This class includes electric kits or original projects. This class also includes demonstration DC powered projects. Examples include: wiring two-way or three-way switches, the difference between series/parallel lighting circuits, or wiring doorbell switches. All DC electric projects must include batteries supplied by the 4-H member. Projects must be constructed such that the judges have access to examine the quality of wiring workmanship.
- Class 2302 Electronic Projects. Electronic projects with a battery or direct current power source. This class includes electronic kits or original projects. Examples include radios, telephones, toy robots, light meters, security systems, etc. They may be constructed using printed circuit board, wire wrap, or breadboard techniques. Include instruction/ assembly manual if the exhibit is from a kit. Include plans if an original project. Projects must be constructed such that the judges have access to examine the quality of wiring workmanship.
- Class 2303 Newly built or repaired computers. This class is for newly built or repaired computers (laptop or PC) and allows 4-H members to demonstrate skills integrating the various parts of a computer into a single unit. Displays should show either a fully functional computer or show what the individual components do. The display should be free of dust and cabled neatly. Fully functional computers should boot up and do not need to include a monitor, keyboard, or mouse at the State Fair.
- Class 2304 Educational Displays and Exhibits. The purpose of the educational display and exhibit is to educate the viewer about a specific area of the 4-H electrical or electronics project. The display or exhibit should illustrate one basic idea. This class includes educational displays, exhibits or science fair type projects such as posters or displays of wire types, conduit types, electrical safety, tool or motor parts identification or electrical terminology. Educational displays and exhibits must be legible from a distance of 4 feet, using a maximum tri-fold size of 3 X4'.

## **Alternative Energy**

**(A form of energy derived from a natural source, such as the sun, geothermal, wind, tides or waves)**

All exhibits in this division are limited in size to standard, tri-fold, display boards (36" X 48") and items may not extend beyond 12" from the back board. All displays must be self standing.

Class 2305 EDUCATIONAL DISPLAY - Create an exhibit that addresses a focused topic related to power generated from a renewable energy source. The purpose of the exhibit is to inform and create awareness.

Class 2306 EXPERIMENT - Display an experiment addressing a problem or question related to wind power as a renewable energy source. Include hypothesis, background research, variables, a control, data, findings, conclusions and recommendations for future study.

## **SMALL ENGINES**

### **Superintendents**

**Osage City: Dustin Stucky**

**Overbrook: Jamie Guenther and Libby Thompson**

All exhibits should involve engines smaller than 20 horsepower. Engine should contain no fuel in tank or carburetor.

### **Rules**

1. Read General Rules
2. Each Small Engines exhibit must include a "4-H Small Engines Information" packet with form. This form is available through your local K-State Extension office or at <http://smallengines/engtechrks.com/>. The form should be attached to a 10" X 13" manila envelope. Place exhibit paperwork and/or any pictures inside the manila envelope. For notebooks, display boards, and posters, no additional exhibit information is required; no manila envelope is needed for these exhibits.
3. Items that have been in use should be cleaned for exhibit.
4. A sheet of operating instructions must be included in the packet furnished for any exhibit that is not self-explanatory.
5. As exhibitors prepare their exhibits, appropriate PPE (Personal Protection Equipment) is required.
6. Cutting surfaces, such as blades, are to have a protective covering over them to prevent injury. The covering should be easily removed and reinstalled for judging. Foam "pool noodles" and multiple layers of cardboard are acceptable.
7. If a safety violation is noted by the judges, superintendent, or other staff, the exhibitor's exhibit, at the judges' discretion, may receive reduced ribbon placement or disqualification.

- Class 2320     **DISPLAY**—Exhibit a display, selecting one of the following options: 1) a display identifying different engine or lawn and garden equipment parts or a display showing the function of the various engine or lawn and garden equipment parts; OR 2) a display identifying and explaining the function(s) of different special tools needed for small engine repair or maintenance; OR 3) a display illustrating and providing the results of any one of experiments that are included in the project books. No complete engines, lawn tractors, tillers, chainsaws are permitted for display in this class. Maximum tri-fold or display board size is 3’ x 4’, items may not extend beyond the 24” from the back of the display board..
- Class 2321     **MAINTENANCE**— Exhibit a display that illustrates either 1) Routine maintenance procedures OR 2) Diagnosing and troubleshooting specific problems in an engine. No complete engines, lawn tractors, tillers, chainsaws, etc. are permitted for display in this class. A maximum tri-fold or display board size is 3’ x 4’, items may not extend beyond the 24” from the back of the display board..
- Class 2322     **OPERATION** - Exhibit an operable small engine (no more than 20 HP) overhauled or rebuilt by the member. Include maintenance schedule for the engine and a brief description of steps taken by the member overhauling or rebuilding the engine. The engine should not contain fuel in the tank or carburetor. All exhibits in this division must be self-standing.

## **4-H ENTOMOLOGY**

**Osage City: Pam & Jeff Whitmer   Junior: Leila Wilcoxson**

**Overbrook: Jamie Guenther and Libby Thompson     Junior:**

A 4-H member may exhibit in the ENTOMOLOGY COLLECTION, ENTOMOLOGY NOTEBOOK and/or EDUCATIONAL DISPLAY categories. Within each category there are classes in Beginning, Intermediate or Advanced phases in which they enroll. The Notebook category also has an Introductory class that 4-Hers may exhibit in the State Fair as long as they meet age requirements and County Fair ribbon placing requirements. See class descriptions within categories for requirements.

Resources for exhibiting can be found on the Kansas 4-H Entomology page.

### **Collection Classes**

1. All entries should be submitted in an 18 x 24 x 3.5 inch wooden display box with a clear plastic top (such as plexiglass). Boxes can be handmade or purchased as long as they are of the correct size. Box instruction and plans can be found here: <https://www.kansas4-h.org/projects/plant-environmental-science/entomology/docs/tips-exhibiting-insects.pdf>
2. 4-H members may choose to use one of two taxonomies:

- a. As printed in "Insects in Kansas" book or
- b. Which follows [www.bugguide.net](http://www.bugguide.net)

3. Each exhibitor is required to identify each box with two identification labels bearing exhibitor's name, county or district, the class, and statement of taxonomy used.

One label goes in the upper left corner of the box (inside) and the other on the lower right corner of the box (outside). Arrange specimens in the box so it can be displayed lengthwise.

4. The number of orders, specimens (and families where required) must be included on both of the exhibitor's box identification labels. Only one adult insect per species can be used in the Collection Boxes and Note Book Classes, unless labeled as male or female and correctly identified.

5. Arrangement of specimens: The preferred method is to arrange the insects in groups or rows parallel to the short sides of the box. Specimens are to be arranged by Order in the box, then Family where required.

6. Two labels should be centered on the pin beneath each specimen. First (closest to the specimen) is the common name label and the second label should include date/locality. Full county name and state abbreviation should be on the second label. Collector's name (or host) on the date/locality label is optional.

7. The specimens should be collected by the exhibitor and should focus on Kansas insects. Insects may be collected from one county into bordering states and labeled accordingly. Please refer to "Entomology Collection Exhibit Resource" for full details on out-of-state insects in collections.

8. Only specimens of the class Insect should be included.

9. Purchased insects are not to be exhibited in collections, but they may be used in educational displays.

10. Specimens of soft bodied insects such as aphids, lice, termites, etc. should be exhibited in alcohol filled vials; however, the use of alcohol filled vials should be limited to only those specimens that lose their shape when pinned, since the vials pose a significant hazard to the rest of the collection if they become loose in transit.

11. Any major violation of rules will result in the exhibit being dropped one ribbon placing. Examples would include, but are not limited to: incorrect display box size, missing paper work, feet on display boxes, no special project in notebooks, etc.

12. After the first year in Entomology, all 4-H members need to add an 8 ½ by 11-inch sheet of paper to their collection that states what they did to improve their collection for the current year. This should include how many new insects were added to the display box (please list), how many insects were replaced in the display box (please list), and number of new orders and/or

families were added to the display box. Other optional things that could be included are number of insects caught for the year, number of new Orders added this year, number of talks and/or demonstrations given, activities participated in, leadership roles, etc. This paper should be taped to the upper left corner on the front of your display box.

13. The following insects are listed as Threatened or Endangered by the Fish and Wildlife Service. Because of this, no specimens of the below species may be caught or displayed in insect collections or educational displays. If specimens of these species are included in collections or educational displays, it will be counted as a major violation. Any major violation of rules will result in the exhibit being dropped one ribbon placing. Please refer to [www.kansas4-h.org](http://www.kansas4-h.org) on the Entomology project page for more information.

American Burying Beetle (*Nicrophorus americanus*)

Monarch Butterfly (*Danaus plexippus*)

Eastern Regal Fritillary Butterfly (*Argynnis idalia idalia* or *Speyeria idalia*)

Western Regal Fritillary Butterfly (*Argynnis idalia occidentalis* or *Speyeria occidentalis*)

Great Spangled Fritillary (*Speyeria cybele*)

14. A minimum of 10 new specimens must be added and/or replaced each year.

15. Do not put the spindle-shaped bag of a Bagworm in your collections (as a female example of the species.) These bags must be cut open to determine if the caterpillar inside is a male or female. Opening the box to confirm the ID correctness could pose a significant risk to the collection.

16. As outlined in the General Rules of the Kansas State Fair 4-H Exhibitor Handbook, **“Exhibits at the Kansas State Fair are entered and displayed at the risk of the exhibitor.”** For projects displayed in box-style exhibits—such as Entomology or Geology—that must be opened for judging, exhibitors may choose to include a closure mechanism on the box. While closures are not required, their use will not result in a ribbon deduction. Acceptable options include Velcro strips or hook-style fasteners. Closures should not interfere with the box’s ability to be displayed on a shelf and must not be lockable.

### **Class 2400-County Fair Class for Beginners**

4-H members 7-9 years of age or beginners of any age may enter in this phase for only two years. Display in two cigar boxes (lids removed and each box covered with clear plastic wrap). Cigar boxes should be about 2” X 6” X 8”. Display a minimum of 15 species but no more than 30 species. This should include a minimum of six orders. Labels for the insect orders are required and must be pinned to the bottom of the boxes. A date/locality label is required on each specimen. This label is centered on the pin beneath the insect. Locality refers to the county and state where collected. Date refers to the date the specimen was collected. Labels should be small and neat. **\*State Fair does not offer this class.**

### **Class 2401- Beginning I Entomology Collection**

Display in one standard box a minimum of 50 and maximum of 125 species representing at least 7 orders. Follow the general guidelines listed for Collections. Members can exhibit in this class a maximum of 3 years, or until they receive a purple ribbon at the Kansas State Fair, whichever comes first.

### **Class 2402- Beginning II Entomology Collection**

Display in one standard box a minimum of 75 and maximum of 150 species representing at least 9 orders. Follow the general guidelines listed for Collections. Members can exhibit in this class a maximum of 3 years, or until they receive a purple ribbon at the Kansas State Fair, whichever comes first.

### **Class 2403- Intermediate Entomology Collection**

Display a minimum of 100 and a maximum of 300 species representing at least 10 orders. Two standard boxes can be used. Follow the general guidelines listed for Collections. In addition, family identification is required for all insects in any two of the following six orders: (Only two will be counted for judging)

- a. "Insects in Kansas" book – Orthoptera, Hemiptera, Homoptera, Coleoptera, Hymenoptera, and/or Diptera or
- b. "Insects in Kansas Book: 2016 Revised Taxonomy", which follows [www.bugguide.net](http://www.bugguide.net) – Taxonomy-Odonata, Orthoptera, Hemiptera, Coleoptera, Hymenoptera, and/or Diptera Members can exhibit in this class a maximum of 3 years. A 4-H member must move up if they receive a purple ribbon.

### **Class 2404- Advanced Entomology Collection**

Display a minimum of 150 and a maximum of 450 species representing at least 12 orders. Three standard boxes can be used. Follow the general guidelines listed for Collections. Family identification is required for all insects belonging to the six basic orders as outlined under the Intermediate phase. Only families in the above six orders will be counted for judging. Family identification of insects in the remaining orders is optional, but desirable as long as accuracy is maintained. Members may continue to exhibit in this class at the Kansas State Fair for an unrestricted number of years as long as they remain eligible for 4 H membership.

### **Notebook Classes**

1. Individual entries are to be placed for display in a three-ring notebook for competition. For the Intermediate and Advanced level, two notebooks may be used. A Title Page must be placed in the front of the second notebook. (Refer back to Rule #3 in Notebook Rules).
2. 4-H members who have been previously enrolled in or are currently enrolled in the other

phases of the Entomology project need to start with the Beginning Phase of Entomology Notebooks, not the introductory phase.

3. Each exhibitor is required to identify the notebook by placing a Title Page in the front of the notebook bearing the exhibitors name, county or district and class 4H'er is enrolled in and statement of taxonomy used:

- Option A: "Insects in Kansas" book, or
- Option B: Which follows [www.bugguide.net](http://www.bugguide.net).

The number of orders, specimens and families (required in Intermediate and Advanced classes) must also be included on the Title Page.

4. Specimen pages should be grouped according to order and should include one page per species. If more than one insect is in the photo, an arrow to indicate identified insect should be used.

5. Date, common name, full county name and state abbreviation should be included for each species. Collector's name on the specimen page is optional.

6. Specimen pages should have two different views of the insect if possible. If pictures are taken on different dates/localities, include information for both.

7. A statement describing the habitat where found/host plant may be included and is encouraged and will be worth a bonus 10 points total, not per page. For Intermediate and Advanced notebooks, this is strongly encouraged.

8. A divider page is to be placed in front of each order of insects with the order name printed on the tab for the page as well on the front of the divider page.

9. For the Intermediate and Advanced classes, insects are also to be grouped by family behind each order divider.

10. After the first year in Entomology, all 4-H members need to add an 8 ½ by 11-inch sheet of paper to their Photo Collection Notebook that states what they did to improve their notebook for the current year. This should include how many new insect photo pages were added to the Notebook (please list), how many insect photo pages were replaced in the Notebook (please list), and number of new orders and/or families added to the Notebook. Other optional things that could include are number of insects photographed for the year, number of new Orders added this year, number of talks and/or demonstrations given, activities participated in, leadership roles, etc. This paper should be placed right behind the Title Page in your Notebook.

11. A special project must be completed each year and included in the notebook. See project guideline materials for specifications.

12. Any major violation of rules will result in the exhibit being dropped one ribbon placing.

Examples would include, but are not limited to: incorrect photo size, missing paper work, no special project in notebooks, etc.

13. A minimum of 10 photo pages of new species must be added and/or replaced each year.

### **Class 2405- Introductory Entomology Notebook**

Display a minimum of 10 and a maximum of 30 insect species representing at least six different orders. Follow the general guidelines listed for Notebooks, including the Special Project. A 4-H member must be of minimum age to complete at the Kansas State Fair. A 4-H member may exhibit in this class for a maximum of two years.

### **Class 2406- Beginning I Entomology Notebook**

Display a minimum of 20 and a maximum of 50 insect species representing at least 7 different orders. Follow the general guidelines listed for all Notebooks, including the Special Project. Members can exhibit in this class a maximum of 3 years or until they receive a purple ribbon at the Kansas State Fair, whichever comes first.

### **Class 2407- Beginning II Entomology Notebook**

Display a minimum of 40 and a maximum of 70 insect species representing at least 8 different orders. Follow the general guidelines listed for all Notebooks, including the Special project. Members can exhibit in this class for a maximum of 3 years or until they receive a purple ribbon at the Kansas State Fair.

### **Class 2408- Intermediate Entomology Notebook**

Display a minimum of 60 and a maximum of 100 species representing at least 9 orders. Follow the general guidelines listed for Notebooks, including the Special Project. In addition, family identification is required for all insects in any two of the following six orders: (Only two will be counted for judging)

a. "Insects in Kansas" book – Orthoptera, Hemiptera, Homoptera, Coleoptera, Hymenoptera, and/or Diptera or

b. "Insects in Kansas Book: 2016 Revised Taxonomy" which follows [www.bugguide.net](http://www.bugguide.net)  
- Odonata, Orthoptera, Hemiptera, Coleoptera, Hymenoptera, and/or Diptera

A 4-Her may exhibit in this class for a maximum of three years. A 4-H member must move up if they receive a purple ribbon.

### **Class 2409- Advanced Entomology Notebook**

Display a minimum of 100 and a maximum of 200 species representing at least 12 orders. Follow the general rules listed for Notebooks, including the Special Project. Follow the general guidelines listed for notebooks. Family identification is required for all insects belonging to the six basic orders as outlined under the Intermediate phase. Only families in the above six orders

will be counted for judging. Family identification of insects in the remaining orders is optional, but desirable as long as accuracy is maintained. Members may continue to exhibit in this class for an unrestricted number of years as long as they remain eligible for 4-H membership.

### **EDUCATIONAL DISPLAYS**

1. Share with others what you learned in this project. Exhibit any activity or learning experience related to the field of entomology or the Teaming with Insects curriculum that does not fit into Entomology Collection or notebook classes above.
2. Follow copyright laws as explained in the General Rules.
3. The exhibit may be, but isn't limited to, original works, digital presentations presented on a USB drive (must provide printed hardcopy for exhibit purposes for duration of state fair), programs, websites, games, apps, display box, notebook, display or poster which you have made.
4. If the exhibit is a wooden display box, it must be 18 X24 X 3.5 inches with a clear plastic top (such as plexiglass) and displayed horizontally. If the exhibit is a poster, it must not be larger than 22" X 28". If the exhibit is a display, maximum size is not to exceed a standard commercial 3' X 4' tri-fold display board.
5. Name and county/ district must clearly be marked on educational exhibits.
6. Refer to Entomology General Rule 13 for information on Threatened and Endangered Species specimens that cannot be displayed in Educational Exhibits.
7. Any major violation of rules will result in the exhibit being dropped one ribbon placing. Examples would include, but are not limited to: incorrect display box size, missing paper work, feet on display boxes, no reference for information and/or photos, etc.

### **Class 2410- BEGINNING EDUCATIONAL EXHIBIT**

Class for individuals that are exhibiting in the Beginning I and II Collection or Beginning I or II Notebook Classes. If only exhibiting in this category, then ages 9-12.

### **Class 2411-INTERMEDIATE EDUCATIONAL EXHIBIT**

Class for individuals that are exhibiting in the Intermediate Collection or Intermediate Notebook Classes. If only exhibiting in this category, then ages 11-14.

### **Class 2412-ADVANCED EDUCATIONAL EXHIBIT**

Class for individuals that are exhibiting in the Advanced Collection or Advanced Notebook Classes. If only exhibiting in this category, then ages 13 or older.

### **Monarch Butterfly Educational Display Rules**

Monarch Butterflies were officially put on the Endangered Species List on July 21, 2022. Having the scientific name *Danatus plexippus*, this migratory butterfly is well known for its spectacular

annual journey of up to 3,000 miles across the Americas. It is now threatened with extinction due to habitat loss and climate change. 4-H members can play a critical role in helping to bring habitat back for the Monarch Butterfly. They can help educate the public on ways to establish food sanctuaries for this butterfly species and help bring them back from the threat of extinction.

1. Exhibits should teach the public about the Monarch Butterfly and/or ways to protect and conserve it. The information could show nectar sources for adult butterflies and food sources for caterpillars, Monarch tagging activities, collection of native milkweed and then packaging it to give to others to plant, a group working together to plant a Monarch friendly garden, etc.
2. 4-H members may create a poster, notebook, standard size tri-fold, diorama, slide show or other visual display that shows information on Monarch Butterflies
3. Specimens of the actual Monarch Butterfly insect, caterpillars, or chrysalis **MAY NOT BE USED** in these displays.
4. If a slide show is created, it should be presented on a zip drive along with a printed copy of the presentation.

**Class 2413-Beginning Monarch Butterfly Educational Display Class:** for 4-H members enrolled in Beginning I or II Entomology

**Class 2414-Intermediate Monarch Butterfly Educational Display Class:** for 4-H members enrolled in Intermediate Entomology

**Class 2415-Advanced Monarch Butterfly Educational Display Class:** for 4-H members enrolled in Advanced Entomology

## 4-H FOOD-NUTRITION

**Osage City: Kathy Webster, Jenny Wilcoxson**

**Junior: Braelyn McNally, and Reece Wilcoxson**

**Overbrook: Claudia Craig**

1. Read General Rules.
  2. A maximum of three exhibits per 4-H member may be entered in the Food Nutrition division. More than one entry may be made in each class.
  3. **RECIPES ARE REQUIRED ON ALL FOOD PRODUCT EXHIBITS.**
  4. All baked goods must be left whole and uncut. Small items, such as cookies and rolls, should be the same shape and from the same recipe. Exhibit 3 cookies, 3 muffins, 3 bread sticks, 1 loaf bread, etc.
  5. Attach label to bottom of plate or cardboard. **Label food entry on bottom of plate or cardboard with Class Number, food product name, 4-H member's name.** Label templates are available at [http://www.kansas4-h.org/events-activities/fairs/kansas-state-fair/docs/foods-and-nutrition/Foods\\_Label.pdf](http://www.kansas4-h.org/events-activities/fairs/kansas-state-fair/docs/foods-and-nutrition/Foods_Label.pdf) or make your own with the following information: Class Number, Food Product Name, 4-H member's Name.
  6. 4-H'ers are encouraged to use whole grain flours, fruits, nuts, etc.
  7. Any baked product that can be removed from the pan should be placed on paper plates or cardboard, otherwise exhibit in a disposable container of appropriate size for the exhibit.
  8. Exhibits should be in **FOOD GRADE PLASTIC BAGS or BOXES.**
  9. All unfrosted cakes should be exhibited in an upright position with crust showing, except for those cakes with special designs, such as bundt cakes. They should have top crust side down.
  10. Space is limited for judging so use small paper plates when possible for food exhibits, but do not stack your food items. Only the exhibit is judged, not the container. Food is replated and only a small portion is displayed with ribbon.
  11. For food safety purposes any food with custard and dairy-based fillings and frostings (ex. cream cheese regardless of sugar content, raw eggs), flavored oils, "canned" bread or bread or cakes in a jar, cut fresh fruit or any food requiring refrigeration (ex. bacon) or unbaked exhibit with raw flour "(ex. No bake cookies) will be disqualified and not judged.
- Refer to K-State Research and Extension publication, 4-H888, Judge's Guide for Food and Nutrition Exhibits, for information to help you make informed, safe food exhibit decisions. (Google: "KSRE 4-H888" it will pull it up)*
12. Alcohol (ex. wine, beer and hard liquor) is not allowed as an ingredient. Entries with alcohol

in the recipe will be disqualified and will not be judged.

13. Under-baked entries will be lowered one or more ribbon placings.

14. Educational classes: Exhibits may be in the form of a poster, notebook or display. Follow copyright laws. No card table displays are allowed. If the exhibit is a poster, it must not be larger than 22" x 28". Displays are not to exceed a standard commercial 3' x 4' tri-fold display board. Name and county or district must be clearly marked on educational exhibits. NOTE: A collection of your favorite recipes in a recipe box or notebook does not constitute an educational exhibit.

15. Foods will be sold after judging. The profits will go to the County 4-H Council. You may specify at entry if you wish to "buy back" your item.

16. Decorated special event cakes will no longer be accepted for exhibit.

17. Dried foods are to be exhibited in the FOOD PRESERVATION DIVISION.

18. The exhibitor is encouraged to attach an index card, no larger than 3" x 5" with the entry form in all foods classes to give the judge any information which the exhibitor thinks would be helpful for the judge to know.

19. For food safety purposes, any entries with frostings and fillings must calculate the amount of sugar in the frosting/filling recipe only. The calculation must be attached to entry, or the placing will be lowered one ribbon when judged. Frostings and fillings need to contain more than 65% sugar for safety. Examples on how to calculate this percentage are included in the publication located at <https://bookstore.ksre.ksu.edu/pubs/MF3544.pdf>. A worksheet is available at: [https://bookstore.ksre.ksu.edu/item/frostings-and-fillings-worksheet\\_4H1171](https://bookstore.ksre.ksu.edu/item/frostings-and-fillings-worksheet_4H1171)

### **Foods:**

Class 2500 For 7 - 8 year old exhibitors; a non-perishable food product from the 4-H Foods and Nutrition Curriculum or similar recipe.

Class 2501 Educational exhibit prepared by 7 - 8 year olds.

Class 2502 For 9 - 11 year old exhibitors; a non-perishable food product from the 4-H Foods and Nutrition Curriculum or similar recipe.

Class 2503 Educational exhibit prepared by 9 - 11 year olds.

Class 2904 For 12 – 14 year old exhibitors; a non-perishable food product from the 4- H Foods and Nutrition Curriculum or similar recipe.

Class 2505 Educational exhibit prepared by 12 - 14 year olds.

Class 2506 For 15 - 18 year old exhibitors; a non-perishable food product from the 4-H Foods and Nutrition Curriculum or similar recipe.

- Class 2507 Educational exhibit prepared by 15 - 18 year olds.
- Class 2508 Food Gift Package. No alcoholic beverages will be accepted. A food gift package must contain at least 3 different non-perishable food items (prepared for human consumption), made by the 4-H member, in a suitable container no larger than 18"x18"x18". Prepared food items must have recipes attached with the entry. Additional homemade food items beyond the 3 minimum or purchased items may also be included in the gift basket. On the back of the entry card, answer these questions: a) what is the intended use; b) what food safety precautions were taken during and after preparation. This entry will count as a non-perishable food product, not as an educational exhibit. Home canned foods must follow Food Preservation rules. Canning jars should not be used for baking per manufacturer's instructions. They could break during baking. Any brand name products in the basket must have the labels covered. Do not cellophane wrap your basket. All items in the gift basket must be non-perishable and if they have frosting or glaze, you must include the sugar percentage worksheet.

### **Food Preservation:**

1. Read General Rules.
2. Exhibits must have been preserved since the member's previous year's county fair.
3. Recipes and processing methods from the sources below are recommended required. Recipes must be from current, tested resources listed below AND MUST BE ADJUSTED FOR ALTITUDE ELEVATION based on your processing location, or it will be disqualified. Processing methods that will be disqualified include: open kettle canning, oven canning, sun canning and using electric multi-cookers. If using the Presto Precise ® Digital Pressure Canner, please indicate the appliance is used for either water bath or pressure canning. For more information on electric multi-cookers, see [http://nchfp.uga.edu/publications/nchfp/factsheets/electric\\_cookers.html](http://nchfp.uga.edu/publications/nchfp/factsheets/electric_cookers.html). Untested recipes will be disqualified for food safety reasons. Tested recipe resources include:
  - K-State Research and Extension Food Preservation publications
  - Other University Extension Food Preservation publications
  - USDA Complete Guide to Home Canning @2015
  - So Easy to Preserve, 6th edition, The University of Georgia Cooperative Extension Service
  - Ball Blue Book Guide to Preserving Edition 38
  - All New Ball Book of Canning and Preserving
  - Canning mixes (i.e. Mrs. Wage's, Ball)

- Pectin manufacturers (i.e. Sure-Jell, Ball)
- [KSRE Rapid Response Center Recipes](#)
- [National Center for Home Food Preservation Ball™ and Kerr](#)

4. Alcohol is not allowed as an ingredient in food preservation entries. Entries with alcohol in the recipe will be disqualified and not judged.

5. Members may exhibit one entry in each class.

6. Each exhibit must have the complete recipe and instructions attached with the entry card, or it will be disqualified. Recipe must include recipe source, date of publication and elevation where food was processed. If using Mrs. Wages' or Ball mixes, indicate the date the mix was purchased.

7. Exhibits must be heat processed in clean, clear standard canning jars, with new matching brand (ex: use Ball® lids on Ball® jars) two-piece lids. This includes fermented foods. Do not use colored jars, fancy padded lids, fabric over wraps or cozies as they interfere with the judging process. Do not reuse jars from commercial food products (ex: spaghetti sauce jars). No fancy packs unless recipe states to do so (ex: Pickled asparagus). Jars must be sealed when entered. For food safety reasons, the size of jars used must not be larger than the jar size stated in the recipe (ex: Salsa is canned in pint jars only, no quarts). Note: There are 12-ounce, 24-ounce and 28-ounce canning jars available and may be used. Use pint jar process recommendations for 12-ounce jars. Use quart jar process recommendations for 24 ounce and 28-ounce jars.

8. Each jar exhibited must be labeled. The label must not cover brand name of jar. The label must give: Class No, Product, Elevation where processed, Canning Method (water bath, weighted gauge, or dial gauge pressure method), Process Time, Pressure (psi), date processed including month and year, Name, and County/District.

9. Classes 2550-2555 will require one jar for each class.

10. Hole punch the entry card and use a rubber band to attach the entry card and recipe around the top of the jar.

11. If dried food product is not in a canning jar, it will be lowered one ribbon rating. Suggested amount: 1/3 – 1/2 cup, or three or four pieces per exhibit. Dried products must include the recipe, preparation steps and heating instructions.

12. All meat jerky must be heated to an internal temperature of 160 degrees F before or after drying. This is not the drying temperature! Jerky not heated to an internal temperature of 160 degrees F will be disqualified and not be judged. Heating information can be found in "Dry Meat Safely at Home."

- Class 2550 Sweet spreads, fruit and/or vegetables, syrups -1 jar
- Class 2551 Fruits, juices, fruit mixtures (salsas, pie filling, etc.) - 1 jar
- Class 2552 Low acid vegetables (green beans, corn, or vegetable mixtures, etc.) - 1 jar
- Class 2553 Pickles (fruit or vegetable) fermented foods and relishes and chutney - 1 jar
- Class 2554 Tomato/Tomato Products, tomato juice and tomato salsas - 1 jar
- Class 2555 Dried Meats - 1 jar
- Class 2556 Any Dried Food – 1 small jar

## 4-H FORESTRY

**Osage City: Dustin Stucky                      Junior:**

**Overbrook: Jamie Guenther and Libby Thompson                      Junior:**

1. All leaf exhibits are to be mounted on 8 ½" x 11" heavy stock paper and placed in loose leaf binders. (Magnetic or adhesive filler sheets for photographic prints or sheet protectors are recommended. Twigs and fruit collections may be exhibited in whatever manner you choose. Maximum tri fold size is 3' x 4'. Resources for exhibiting are located on the Kansas 4-H forestry project page: <https://www.kansas4-h.org/projects/agriculture-and-natural-resources/plant-sciences/forestry.html>
2. Name, club, age, and year in project should be on front cover or in a prominent location.
3. Leaves should be identified with an appropriate label located near the leaf on the same page. These labels should include (1) the proper common name as listed in the 4-H Bulletin 334, "**List of Native Kansas Forest Trees**" <https://www.bookstore.ksre.ksu.edu/pubs/4H334.pdf>); (2) Scientific Name (Optional in 2025 and required in 2026) (3) Location (city and or county) where collected; and (4) date (day, month, year) or (month, day, year) collected.
4. Divide specimens into the following two sections: Native Kansas Trees, and Non- Native Trees. (<https://www.bookstore.ksre.ksu.edu/pubs/4H334.pdf>)
5. New specimens are those specimens collected during the current 4-H year and cannot be a duplicate tree species of previously displayed specimens.
6. Variations of varieties do not count as different species or specimens.
7. When replacing previously displayed samples, due to degradation, improper mounting, or incorrect identification, the specimen label must be updated. Replacements do not count as new specimens. Replacements should be displayed in the "old previous" section of the display.
9. If you retrieve information for your forestry exhibit, you must include a reference citation to

the source.

10. In all leaf collections exhibit one complete leaf where possible. If leaf is too large, exhibit as much as possible. Sketch in reduced scale the entire leaf and illustrate where the exhibited portion is from. Note: A “leaflet” is incorrect when displayed as the complete leaf for the tree.

11. All work must show originality. Leaf collections and displays should not closely resemble work done by others in the same club.

### **Knowing Trees as Individuals (Leaf Collections\*\*)**

**Class 3000** Forestry Collection - Choose either A or B (Only those exhibiting at the state fair for the first year may enter this class. )

A. Exhibit a minimum of 10 different leaves from native Kansas trees collected within the year. Exhibit can include non-native leaves in addition to the required number of leaf specimens collected from native Kansas trees.

B. Exhibit a minimum of 5 native Kansas trees showing leaf, twig and fruit from each species collected.

**Class 3001** Forestry Collection - Choose either A or B (This class is open to those exhibiting either for the first or second time at the state fair.)

A. Exhibit a minimum of 20 different leaves (including 10 new specimens) from native Kansas trees. Exhibit can include non-native leaves in addition to the required number of leaf specimens collected from native Kansas trees.

B. Exhibit a minimum of 10 native Kansas trees showing leaf, twig and fruit from each species collected. This exhibit must include 5 new leaf, twig and fruit specimens.

**Class 3002** Forestry Collection - Choose either A or B (This class is open to those exhibiting either for the third or fourth time at the state fair. )

A. Exhibit a minimum of 30 different leaves (including 10 new specimens) from native Kansas trees. Exhibit can include non-native leaves in addition to the required number of leaf specimens collected from native Kansas trees.

B. Exhibit a minimum of 15 native Kansas trees showing leaf, twig and fruit from each species collected. This exhibit must include 5 new leaf, twig and fruit specimens.

**Class 3003** Forestry Collection - Choose A or B (This class is open to those exhibiting the fifth time or more at the state fair.)

A. Exhibit a minimum of 40 different leaves (including 20 new specimens) from native Kansas trees. Exhibit can include non-native leaves in addition to the required number of leaf specimens collected from native Kansas trees.

B. Exhibit a minimum of 20 native Kansas trees showing leaf, twig and fruit from each species collected. This exhibit must include 10 new leaf, twig and fruit specimens.

### **How a Tree Grows**

Class 3004 Notebook

Entry may include a project notebook with 10 or more seeds collected with pictures showing a germination study OR a mounting of a thin section of wood cut from the end of a log or top of stump labeled with information such as kind of wood and age of tree when cut OR exhibit an illustration of a how a tree grows.

### **Tree Appreciation**

Class 3005 Notebook

Entry may include a research or reporting notebook with no more than 10 pages based on the exhibitor's selected tree. This notebook may include sketches, drawing, pictures, a story, or any other things which will help tell about the tree you have selected.

### **Growing and Protecting Trees**

Class 3006 Display/ Notebook

Entry requires a display, or project notebook, telling about project and pictures before, during, & after planting seedlings. Maximum tri-fold size is 3' X 4'.

### **Tree Culture**

Class 3007 Display/ Notebook

Entry requires a display, or project notebook, showing your project work and includes pictures of before, during and after wood lot improvement. Maximum tri- fold size is 3' X 4'.

### **How Forests Serve Us**

Class 3008-Entry may include collected wood samples (all or partial) and 2 page essay. Wood sample display to be mounted on poster board or any stiff material no larger than 3' wide x 4' tri-fold. Essay should be displayed in a covered binder.

### **Educational/Creative Exhibit**

Class 3009-Entry must be directly related to tree identification or Forestry. Type of exhibit is open (notebook, poster, collection box, etc.) given a maximum size of 2' x 3'. Care should be taken to use durable materials that will withstand fair conditions. This is a good class to exhibit an unusual collection.

## 4-H GEOLOGY

### Superintendents

**Osage City: Dustin Stucky**

**Junior: Mason Newman**

**Overbrook: Jamie Guenther and Libby Thompson**

**Junior:**

1. Read General Rules.
2. The exhibit box's outside dimensions should be 18" x 24" x 3½". Plexiglas covers are required. Boxes with glass covers WILL NOT be accepted. All specimens are to be arranged across the narrow (18") dimension of the exhibit box, making the exhibit 18" across the top and 24" deep exactly. If a box has a sliding Plexiglas cover, it must be removable from the top. Screws, locks, or other devices that would prevent judges from removing the cover should not be used. For Lapidary classes 3055-3059 only, the dimensions of the box should be appropriate for the display, but outside dimensions should not exceed 18"x24"x31/2".
3. Each exhibitor is required to identify each display box by placing an identification label bearing their whole name or first initial with last name, county or district, and number of specimens in the upper left- hand corner of the Plexiglas cover and by attaching a label with the same information on lower right corner of the box (outside).
4. Exhibitor may enter in both geology and lapidary classes. Exhibitor may show in only one of the first four geology classes (3020, 3021, 3022 or 3023). Exhibitor may also show in geology class 3024 Geology Educational Exhibit, 5205 Mineralogy, 3026 Paleontology, 7 Petrology and in one lapidary class.
5. Geology specimens should be labeled with the number of the specimens, date collected, specimen name or description, and locality (county only) where collected.
6. For the geology classes 3020, 3021, 3022 and 3023, specimens should be mounted in the box by proper groups: rocks, minerals, fossils. Fossils must be identified to the Phylum, Class, and Genus level (if possible, or part if Genus cannot be determined). The Genus specimen name is to begin with a capital letter and the whole specimen's name must either be italicized or underlined, not both. The species name is not required however, if a species name is used it must be all lowercase and either italicized or underlined, not both. The words "Phylum, Class, Genus" on labels are to be spelled out, not abbreviated. More than one specimen of the same kind of rock or mineral or species of a fossil may be exhibited if this duplication represents different geological formations. Specimen label must show this distinction (Fort Hays limestone, not just limestone; calcite from the Greenhorn Formation, not just calcite; Phylum: Brachiopoda Class: Articulata Genus: Composita from the Morrill Limestone Member, not just Phylum: Brachiopoda Class: Articulata Genus: Composita).
7. For geology classes 3020, 3021, 3022 and 3023, and 3025 all specimens must be collected

(not purchased) from locations in Kansas, with the exception of Tri- State Mining Area specimens collected from these three adjacent counties: Ottawa County, OK; Newton and Jasper Counties, MO. Other out of state specimens will not count in the minimum number for the class, nor will they be considered in the judging.

8. All specimens must be collected in the state of Kansas (only exception-see #7) New specimens must be collected during the current 4-H year, which will be allowed starting on the day after the conclusion of the State Fair.

9. As outlined in the *General Rules of the Kansas State Fair 4-H Exhibitor Handbook*, “**Exhibits at the Kansas State Fair are entered and displayed at the risk of the exhibitor.**” For projects displayed in box-style exhibits—such as Entomology or Geology—that must be opened for judging, exhibitors may choose to include a closure mechanism on the box. While closures are not required, their use will not result in a ribbon deduction. Acceptable options include Velcro strips or hook-style fasteners. Closures should not interfere with the box’s ability to be displayed on a shelf and must not be lockable.

### **Geology:**

Class 3020 Display at least 15 rocks, minerals, and fossils collected during the current 4-H year. Limited to one exhibit box.

Class 3021 Display at least 30 different rocks, minerals, or fossils, at least 5 of each. Fifteen must be collected during the current 4-H year. Limited to one exhibit box.

Class 3022 Display at least 45 rocks, minerals, or fossils, at least 5 of each. Five must be collected during the current 4-H year. Exhibit limited to two boxes. Identify the rocks as igneous, metamorphic or sedimentary. These rock types must be spelled out on labels or have a legible key.

Class 3023 Display at least 60 rocks, minerals, or fossils, at least 5 of each. Five must be collected during the current 4-H year. Exhibit limited to two boxes. Identify the rocks as igneous, metamorphic or sedimentary. These rock types must be spelled out on labels or have a legible key.

Class 3024 Geology Educational Exhibit relating to everyday living; or to a mineral test, a rock formation, geological history, species of a fossil, forms of one mineral, a variation of one kind of rock, archaeological artifacts, or Indian artifacts. Exhibitor may also exhibit in lapidary class.

Class 3025 Mineralogy. Display a minimum of 15 mineral specimens collected in Kansas, at least 5 of which have been collected during the current 4-H year. The minerals are to be grouped by mineral class (ie: Carbonates, Oxides, Silicates) and at least 3 classes must be represented. The member must use one standard display box (see #1). The specimens must be labeled with the number of the specimen,

date collected, name of specimen, county where collected and chemical composition (ie: CaCO<sub>3</sub> for calcite) if known.

**Class 3026** Paleontology. Display a minimum of 15 fossil specimens collected by the participant in Kansas, at least 5 of which have been collected during the current 4-H year. The fossils are to be grouped by Phylum and Class, and at least 3 phyla must be represented (Brachiopoda, Chordata, Mollusca, etc.) The member must use one standard display box (see #1). The specimens must be labeled with the number of the specimen; date collected; county where collected; formation, member, or source; phylum, class, and genus or part; and geologic age (Cretaceous, Permian, Pennsylvania etc.) See #5 for additional fossil labeling expectations.

**Class 3027** Petrology.. Display a minimum of 15 rock specimens collected in Kansas, at least 5 of which have been collected during the current 4-H year. Rocks are to be grouped by the 3 rock classes (Sedimentary, Igneous, and Metamorphic). You must display at least one specimen from each of the three classes. The specimens must fit in one standard display box (see #2). Specimen labels must include a specimen number, the date collected, name of specimen, and the county where collected. All rocks must be identified by the formation and member name (Examples: Fort Hays Limestone, Member of the Niobrara Chalk Formation) or source (Examples: Rocky Mountain Outwash, glacial till).

### **Lapidary:**

Lapidary will be judged on the following criteria:

Workmanship, and Content – 60 points

Presentation and Showmanship – 30 points

Accuracy of information – 10 points

The dimensions of the box should be appropriate for the display but should not exceed 18” x 24” x 3½”. The work (polishing/tumbling) must be done by the exhibitor as this is part of the learning process. All lapidary specimens should be labeled with the following information:

- Specimen name
- Place of origin (country, state, or county; county required for Kansas specimens)
- Purchased or self-collected
- Date lapidary treatment began

- Date lapidary treatment completed

- Class 3030 Display at least 5 varieties of polished (tumbled) specimens and 5 varieties of unpolished specimens that have not yet received lapidary treatment. These do not have to be an example of “before and after”, nor do they have to be self-collected. Locales must be identified.
- Class 3031 Lapidary. Display before-and-after examples of at least 3 varieties of specimens, at least 2 tumble-polished and 2 unpolished of each. There is no requirement that the 4-H member collect any of these. Locales must be identified. Lapidary work should be done during the current 4-H year.
- Class 3032 Lapidary. Display before-and-after examples of at least 6 varieties of specimens, at least 2 tumble-polished and 2 unpolished of each. At least two varieties should be collected from the native site by the 4-H'er, at least one of which comes from Kansas. Locales must be identified. Lapidary work on at least three varieties should be done during the current 4-H year.
- Class 3033 Lapidary. Display before-and-after examples of at least 9 varieties of specimens, at least 2 tumble-polished and 2 unpolished of each. At least three varieties should be collected from the native site by the 4-H member, at least two of which comes from Kansas. Locales must be identified.
- Lapidary work on at least three varieties should be done during the current 4-H year.
- Class 3034 Lapidary. Exhibit at least 6 specimens that have not previously been exhibited, which have received lapidary treatment. Lapidary treatment consist of polishing, and end, face, or flat lapping. Specimens must represent at least 3 different varieties and include at least three cabochons of any size or shape, only one of which may be free-formed. A cabochon is a style of cutting in which the top of the stone forms a domed or curved convex surface. Three of the specimens must be mounted into jewelry findings.

Special lapidary exhibits should be entered in class 3034. Please note that each member is limited to one entry in this class.

#### **4-H FIBER ARTS**

**Osage City: Collene Stucky and Susan Smith Junior: Allie Kneisler, Lena Stucky, Ruby Stucky**

**Overbrook: Jamie Guenther and Libby Thompson Junior:**

1. Fiber Arts is defined as any method of creating a unique design with fiber, fabric or yarn. This may include: making fabric (such as weaving, crochet, knitting, needlepoint); or when existing fabric is changed into something quite different (such a quilting or embroidery or ethnic art).

Ethnic Fiber Arts should use a fiber, yarn or fabric to create the design exhibit. Non-textile (examples include wood reed, straw, grass, etc.) baskets/pieces should be entered in the Visual Arts Division.

2. No exhibit will be released for any other use. Heritage fiber arts exhibits cannot be used for any of the Family & Consumer Science Clothing classes.

3. Identification Label:

a. Type or print on 3" x 2 ½" piece of cloth: class number, county, and name

b. Sew or safety-pin this ID label on the corner of flat articles

c. For garments, attach ID label to the front left shoulder seam, or left side of waist band, as if you were wearing the garment.

4. A member may enter two exhibits in each class. All articles/garments must be finished for use.

5. When articles which are normally worn as a pair are exhibited, both articles must be shown together. Fasten articles together securely with yarn.

6. Special consideration will be given to articles which are of original design. Such articles should have a note attached explaining the original design.

7. The exhibitor should attach an index card, no larger than 4" x 6", with the entry form to give the judge any information on what parts of the exhibit they made, processes used, or other information which the exhibitor thinks would be helpful for the judge. For all items please indicate if item was made from a kit. For items please indicate fiber content, and specifically if they are made of at least 60% wool. For quilted items indicate who did the quilting and binding.

8. Exhibitors are expected to be enrolled in the Heritage Fiber Art project in which they are entered. When the exhibit is a sewn garment that also includes one or more Heritage Fiber Art techniques (i.e. knitting, crochet, needle arts, or patchwork and quilting), the determination of what division (Clothing or Heritage Fiber Arts) and class in which to enter will be left with the 4-H participant.

9. All exhibits which need to be hung MUST have the appropriate saw tooth hanger, rod, wire or other mechanism attached in order to be properly displayed.

10. Fiber Arts Educational Notebook - Share with others what you learned in this project about a particular Fiber Art. Exhibits should be in the form of a notebook or binder. The notebook should include a narrative section describing the fiber art. It should include a clear description of the project, technique, budget, supplies, goals, accomplishments, successes, failures, and future plans. It may include samples of techniques, how-tos, photographs of completed projects, or other ways of educating others about fiber arts. NOTE: a collection of brochures, web pages, patterns, record book forms, etc. does not constitute an educational notebook. Follow copyright

laws as explained in the General Rules as you are preparing your exhibit. Name, local unit and fiber art covered must be clearly marked in the notebook.

11. There are no age-specific classes in Heritage Fiber Arts. The exhibitor's age and years in the project will be considered by judges.

Class 3060 Crochet, an article, including felted items. (See #7above.)

Class 3061 Knitting, an article made either by hand or by knitting machine, including felted items. (See #7 above.)

Class 3062 Needle Arts, an article created by hand using any of the following techniques: a) embroidery and cross-stitch; b) needlepoint; c) candle wicking; d) crewel; e) lacework/ and/or f) appliqué.

Class 3063 Patchwork and Quilting, an article. It is an acceptable practice for the exhibitor to create the patchwork or quilted article and have someone else quilt it.

Class 3064 Rug making, a rug. Accepted techniques include braiding, latch hook, tying, floor cloth, etc.

Class 3065 Spinning, a skein. Minimum 10 yards in length.

Class 3066 Weaving, a woven article. Member should include the type of loom or process used. Woven wood reed basket, should be exhibited in Visual Arts.

Class 3067 Ethnic Arts, an article: This is defined as a Fiber Art/Textile technique that is associated with a specific country or culture. It is a practical skill that was developed to provide basic family needs such as apparel, home furnishings or decorations. It is also defined as a method that has been maintained throughout history and passed on to others, often by observation and by example, such as batik, Swedish huck towel weaving, mud cloth, bobbin weaving, tatting, felted items that are not knitted or crocheted, etc. Members should attach information on the history of the ethnic fiber art, where it was used, by whom, how it was used, short description of the technique, etc. (See # 7 above.)

Class 3068 Macramé, an article

Class 3069 Fiber Arts Educational Notebook

## 4-H Interior Design and Architecture

**Osage City: Collene Stucky      Junior:**

**Overbrook: Jamie Guenther and Libby Thompson      Junior:**

1. Read General Rules.
2. An entry card must be attached to the exhibit with material appropriate to the exhibit: safety pins, tape, string, etc.
3. Projects with missing or insufficient summary will be lowered one ribbon placing.

### **Quota –**

A member may enter only one class in this division.

### **Interior Design Focus:**

Interior Designers have a capacity to influence the way we feel when we inhabit a space. In some instances, this impact can be felt emotionally and physically, in other words, it can affect our mood. Tools such as color, light, texture and pattern can all be used to convey or stimulate such a response to a space.

**3100 – Room Design Board.** Select one room within your home or imaginary/future home (bedroom, bathroom, kitchen, etc.) to design.

Create a basic floor plan showing wall footprint including any furniture, fixture and/or cabinet layout. Include any other illustrations, drawings or photographs to help support your design. Also include material/finish samples (wall treatments, floor covering, paint samples, etc.) Label any drawings or finishes so the audience understands their intention. All finishes should be attached to the design board.

To explain your design intent, write a brief description to be included on the design board. (no more than one page 8 1/2 x 11).

Boards must be on foam core or a standard tri-fold display.

**3101 – Two Collages on Design Board.** In this project, develop two imaginary interior rooms. Each room should start out with identical dimensions and features (doors, windows, etc.) The function of the room can be up to you (bedroom, coffee shop, art studio, etc.) but should be the same for both rooms. For each space, create a feeling or mood for the occupants of the space.

The mood created for one space should be the opposite or contrast to the second space. Choose a pair of contrasting words from the list provided (where do we put the list) to get started.

Each collage must be on its own page. Page size preference and maximum is 11 x 17; can use smaller dimensions if needed. Collages should convey a space that includes a background, midground and foreground. Once these are established, add as many layers as needed. Use print materials from magazines, colored paper, the internet, or other design materials to find furniture, lighting fixtures, textures and other elements to complete each collage.

For each collage, write a brief description of your design intent. (one to three paragraphs total). Adhere both collages and design intent on a foam core presentation board. Label each collage with the descriptive words you selected from the list.

Additionally, you may include research, inspiration imagery or any additional drawings that helped you design your space.

**3102 – Two Diorama Models. Similar to class 3201,** 4-H Members will construct two dioramas, one for each space, demonstrating contrasting moods. Each diorama will be designed within similarly sized boxes. Boxes should be large enough to be easily viewed but no larger than 12” x 18”. Both rooms being depicted need to be the same size.

Dioramas should convey a space which includes a background, midground, and foreground. Once you have these established, you can add as many layers as needed. Use print materials from magazines, colored paper, the internet or other design materials to find furniture, lighting fixtures, textures and other elements to complete each room or diorama. Elements will need to be cut out and adhered to each background, midground and foreground to reflect the design of the room.

Focus on selecting materials and colors to create the mood or essence of the space. Use openings in your container to experiment with the effect of light in your space.

Dioramas should not contain actual figures, miniature furniture/cabinets or moveable parts. All elements should be paper-adhered to materials easily found at home. For example: magazine photos, cardstock, plastic, cardboard, chipboard or other material to depict design finishes/elements within the diorama.

### **Architecture Focus:**

Architects plan, design and oversee the construction of buildings and other structures beginning with concept development to the final construction phase of projects. It’s also important that they ensure the final product is safe and functional. Architects balance artistic creativity with sound building techniques while also considering how the built environment impacts people’s emotions and lifestyle.

**3103 – Marble Maze or Enclosure.** Create a space in which a marble will move through a sequence of rooms, enclosures or spaces. Use different types of elements and materials to enclose your spaces or guide the marble. Consider the size of the marble and how you want the space to feel – big and open or small and enclosed. Pay close attention to the sizes of architectural elements relative to the size of the marble.

To construct the marble maze or enclosure, use household materials found around the home to create the structure. (cardboard, chipboard, construction paper, paper towel or toilet paper tubes, etc.).

The base of the structure should be no larger than 18” x 24” (poster board size) and 12” in height.

In addition to your enclosure/maze, you may also present a small design board with illustrations/drawings to help the audience understand the path of travel for the marble, or the rules for which you designed.

Write or type a brief description of your design intent (1-3 paragraphs total) to be included on the design board.

**3104 – Marble Maze Presentation Board Only.** Presentation board should be foam core with below items attached:

Include drawings of your marble enclosure/maze design; (examples include floor plan, section, elevations, etc.)

In addition to your base drawings, include any illustrations/drawings to help your audience understand the path of travel for the marble. You may also include quality photographs that show the sequence of the marble moving through the built design. Images may be annotated, meaning

you can use notes to explain your thoughts/design intent, on the board. This sequence of photos should visually tell the story of your design.

Write or type a brief description of your design intent (1-3 paragraphs in total) to be included on the presentation board.

#### **4-H HORTICULTURE & LANDSCAPE DESIGN**

**Osage City: Jenny Tate, Donna Marie Anderson      Junior:**

**Overbrook: Jamie Guenther and Libby Thompson**

1. All horticultural exhibits must be grown by the exhibitor.
2. Secure entry information to plate or container with string or tape. Use a sturdy plate, bowl, or container that will support the weight of the produce.
3. A member may enter up to 5 different vegetable exhibits. Exhibitors may have more than one entry in the same class. A 4-H member may also enter up to 5 floral exhibits. Each cut flower specimen must be of a different species. 4-Hers may enter up to 5 fruit exhibits. Can have more than 1 exhibit per class, but should be different fruits.
4. Information about exhibiting produce is available online in the publication "Exhibiting Fruits and Vegetables" available at <http://www.bookstore.ksre.ksu.edu/pubs/c405.pdf>.
5. Information about exhibiting flowers and produce can be found online in the publication "Preparing Cut Flowers for Exhibit" available at <http://www.bookstore.ksre.ksu.edu/4H826.pdf>

#### **Class 3300    Garden Display**

Each exhibitor in this class will be limited to four square feet of space. The Garden Display should be exhibited in a tray, basket or container that can be easily moved by the fair staff.

The exhibit consists of five different types of fresh vegetables or fruits. Canned products and shelled vegetables are not acceptable. Only one variety of each type of vegetable or fruit may be exhibited. The numbers of the five types of vegetables or fruits to be exhibited are as follows:

- **Large Vegetables (One Each):** Cabbage, Cantaloupe, Eggplant, Large Pumpkin, Squash, Watermelon
- **Medium Vegetables (Five Each):** Beets, Carrots, Cucumbers, Decorative Gourds, Potatoes, Miniature Pumpkins, Okra, Onions, Peppers, Radishes, Sweet Potatoes, Tomatoes, Garlic or other similar sized vegetable
- **Small Vegetables (Twelve Each):** Green snap beans, wax beans, English peas, cherry and pear tomatoes, or other similar sized vegetables

- **Small fruits (One half pint box):** Strawberries, blackberries, raspberries, or other similar sized fruits.

- **Tree fruits (5 each):** Apples, pears, peaches, or similar sized fruits.

- Grapes (2 bunches)

Class 3110 Small vegetable specimen plate (12) Ex: green snap beans, yellow wax beans, radishes, cherry tomatoes, other small vegetables.

Class 3111 Medium vegetable specimen plate (5) Ex: cucumbers, tomatoes, beets, white onions, yellow onions, red onions, bell peppers, other peppers, okra, parsnips, radishes, turnips, sweet potatoes, red potatoes, garlic, white or Russet potatoes, carrots, miniature pumpkins and decorative gourds, or other medium vegetables.

Class 3112 Large vegetable specimen plate (1) Ex: watermelon, summer squash, winter squash, large type pumpkin, eggplant, cabbage, cantaloupe, other large vegetable.

Class 3113 Fresh culinary herbs (6) Ex: parsley, basil, dill, etc. Six stems (or a comparable quantity) of ONE VARIETY of fresh herbs must be exhibited in a disposable container of water. Dried herbs are not accepted.

Class 3114 Small fruits (one half pint box) Ex. Strawberries, blackberries, raspberries, or other similar sized fruits (if other, please include name of fruit on entry).

Class 3115 Tree fruits (plate of 5) Ex. apples, pears, peaches, or similar sized fruits.

Class 3116 Grapes (plate of 2 bunches).

Class 3117 Annual Garden Flower, cut specimen, single stem.

Class 3118 Perennial Garden Flower, cut specimen, single stem.

Class 3119 Fresh Flower Arrangement, flower materials must be grown and/or collected by exhibitor, not purchased.

Class 3120 Dried Flower Arrangement, no fabric or plastic material allowed. Materials must be grown/collected by the exhibitor.

1. It is recommended that flowers and arrangements be in disposable containers (single stems in pop bottles, arrangements in disposable plastic, etc.).

2. All floral materials should be grown and/or collected by the exhibitor, not purchased. Entries should not take over one square foot of table space.

3. Potted plants are not accepted in this class.

**4. All entries must be freestanding, easily moved, and not require any special equipment to display. Hanging entries are not accepted.**

Class 3121 Potted plants (not eligible at the State Fair)

Class 3122 Horticulture Notebook-

.Entry shall consist of a notebook or three ring binder of written narrative describing a horticulture project such as a landscape design, landscape installation, lawn renovation, water garden, flower garden, vegetable garden, lawn mowing service, landscape maintenance business, farmer's market business, or other horticultural project. 4-H members are encouraged to include photographs, illustrations and/or landscape drawings that help explain work done by the member. Photos taken from the same location before, during and after the completion of the project are particularly helpful. Exhibitor may enter one horticulture notebook. Horticulture notebook scoring is as follows: Organization and General Appearance (neat, includes title page and table of contents, original, creative, etc.) 20%, Narrative (including goals, successes, failures, etc.) 40%, General Content (subject matter, photos, maps, knowledge gained, etc.) 40%.

#### **4-H/FFA AGRONOMY**

**Osage City: Jeff Whitmer**

**Junior:**

**Overbrook: Jamie Guenther and Libby Thompson**

**Junior:**

1. Products exhibited in this division must have been grown by the 4-H/ FFA member in the current year, with the exception of soybean seed and edible field bean seed.
2. Exhibits should be as mature as possible.
3. A 4-H/FFA member may exhibit a maximum of one entry per class.
4. Every entry must be identified by hybrid or variety name.
5. All classes calling for a gallon sample may have a 2 ½" to 3" diameter cylinder placed in a glass gallon container to reduce the amount of grain to about three quarts.
6. If variety is NOT stated where requested OR samples not tied where requested, ribbon placing will drop one placing.
7. Hay samples should be approximately 15"x12"x6". Maximum thickness of 6' and minimum of 5'. Hay samples should be tied with a "T". Wrap the twine horizontally around the hay and tie, then wrap vertically and tie like a gift package.

#### **4-H/FFA WHEAT VARIETY PLOT DISPLAYS**

The free standing displays must not exceed the overall dimensions of 36" wide X 18" deep (measured on the outside). Care should be taken to select durable materials that will withstand fair conditions. Displays must not require the use of electricity. If booth exceeds overall

dimensions, ribbon placing will be dropped one place.

1. These displays will have been planned and prepared by 4-H/FFA members enrolled in the wheat variety plot project.
2. Members must include the varieties provided in the display, but may include more varieties, if desired.

**Basis for Awards:**

- Educational Value 70 %

Is the main idea of the display specific? Was the title or theme emphasized? Is the idea presented so clearly, so simply, so forcefully, that it will stop the casual observer? If the passerby stopped, did the display give the observer additional facts in a clear, concise way? For example, varietal differences in wheat economic gains from the adoption of desirable practices, etc.

- Quality of Display Material 30%

Size, style and neatness of lettering, proportion of models and lettering balanced, workmanship, including handouts, if used, charts, models and lettering used effectively to teach ideas, colorful, artistic, neat and well balanced.

**4-H/FFA WEED CONTROL EXHIBIT**

1. Collect, identify, press, mount, and label 15 weeds. Try to include their roots, stems, leaves and flowers. Three of the weeds must be noxious weeds preferably found in your home county. A standard 9" x 12" scrapbook may be used to permanently mount your weed specimens. Identify the scrapbook with your name and county on the inside front cover.
2. Prepare a list of the weeds mounted, showing common name, scientific name, and where it was found. Place the list in a specially identified section of the scrapbook.
3. Collect and identify weed seeds found in crop seeds. Mount them for display purposes. Place them in a specially identified section of the scrapbook.
4. Write a story on "How We Control Weeds on Our Farm" if you live on a farm. Other members write "How We Control Weeds at Home". The story should be about 300 words in length. It must show definite methods used to control weeds. Place the story in a specially identified section of the scrapbook.

**Basis for Awards:**

Mounted weed collection: number of mounted specimens, completeness of individual mount, correctness of identification and information, and neatness. Include record sheet of weeds.

- Records.....50%
- Weed seed collection and exhibit.....30%

Story.....20%

Class 3140 Weed Control Exhibit – Exhibit consists of the four items above.

Class 3141 Wheat Variety Plot Displays

**Corn**

Class 3142 White. Variety or hybrid must be named. **White -Ten Ear Exhibit.**

Class 3143 Yellow. Variety or hybrid must be named. **Sorghum-Ten Head Exhibit**

Class 3144 Corn: Exhibit to consist of one-gallon sample. Variety must be named.

Class 3145 Hybrid grain sorghum. Hybrid must be named. **Ten Head Exhibit**

Class 3146 Hybrid forage sorghum. Exhibit to consist of the entire plant; no roots.  
Hybrid must be named. 5” bundle, tied.

Class 3147 Other forage sorghums. Exhibit to consist of the entire plant; no roots.  
Variety must be named. 5” bundle, tied.

**Wheat-One Gallon Sample**

Class 3148 Soft red winter wheat. Variety or hybrid must be named.

Class 3149 Hard red winter wheat. Variety or hybrid must be named.

Class 3150 Hard white wheat. Variety or hybrid must be named.

**Sunflowers**

Class 3151 Confectionery heads. 3 heads must be submitted.

Class 3152 Confectionery seeds in jar. 1 gallon jar must be submitted.

Class 3153 Oil seed heads. 3 heads must be submitted.

Class 3154 Oil seeds in jar. 1 gallon jar must be submitted.

**Other Crops**

Class 3155 Oats: Exhibit to consist of one gallon sample. Variety must be named.

Class 3156 Barley: Exhibit to consist of one gallon sample. Variety must be named.

Class 3157 Brome Grass Seed: Exhibit to consist of one gallon sample of seed.

Class 3160 Other Tame Grasses: Exhibit to consist of one gallon sample of seed.

Class 3161 Edible field beans: Exhibit to consist of one gallon sample of seed from most recent harvest.

- Class 3162 Edible field beans: Bundle of five plants (with roots intact) from most recent harvest. (Example-Lentils)
- Class 3163 Miscellaneous Crops: Exhibit to consist of one gallon sample of seed or 10 heads produced from current project. Variety must be named. (Ex-Popcorn)
- Class 3164 Honey. 1 jar. (Not eligible for State Fair.)
- Class 3165 Cotton: Provide 10 open bolls, not 10 plants. Place bolls in a bag that can breathe (not a sealed plastic bag), so mold doesn't develop.

### **Hay Crops**

- Class 3166 Alfalfa Hay: Exhibit to consist of one flake or slice from a rectangular bale, or a 10-inch section cut from a round bale. The flake or slice should be approximately 6 inches in thickness and should be tied with a "T". Wrap the twine horizontally around the hay and tie, then wrap vertically and tie like a gift package.
- Class 3167 Native Grass Hay: Ten-inch flake or slice, 6 inches thick and tied with a "T". Wrap the twine horizontally around the hay and tie, then wrap vertically and tie like a gift package. Variety must be named.
- Class 3168 Cool Season Grass Hay (e.g., fescue, brome, etc.): Ten-inch flake or slice, 6 inches thick and tied with a "T". Wrap the twine horizontally around the hay and tie, then wrap vertically and tie like a gift package. Variety must be named.

### **Soybeans**

- Class 3169 Soybeans: Exhibit to consist of one-gallon sample of seed from most recent harvest. Variety must be named.
- Class 3170 Soybeans: Bundle of five plants from most recent harvest. Variety must be named.

## 4-H/FFA AG MECHANICS WELDING

**Osage City: Willing Workers 4-H Club**

**Junior: Brody Thompson**

**Overbrook: Jamie Guenther and Libby Thompson**

1. 4-H members must be currently enrolled in the Kansas 4-H Ag Mechanics Welding project to exhibit in this division.
2. Each exhibitor may enter one exhibit per class. Exhibits must have been constructed or repaired during the current 4-H year. The exhibit must have been selected at the county level for entry at the State Fair. Counties or districts should select only top blue or purple ribbon exhibits which meet State Fair guidelines.
3. For the 2021 State Fair total exhibit dimensions should not exceed 3 feet high, by 3 feet wide, by 3 feet deep. Total exhibit weight may not exceed 150 pounds (movable by a team of 2 people)
4. Wheeled exhibits must utilize a braking mechanism which prevents the exhibit from freely rolling while on display
5. Exhibitors are responsible for providing sufficient braking or “chocks” for trailer or wheeled exhibits to ensure that the exhibits do not move once positioned. If using a wheel "chocking" mechanism, the two individual blocks should be connected together as a pair of chocks, so they do not become separated. At least one pair of chocks should be placed on each side of the trailer to prevent movement.
6. For trailer exhibits the tongue of the trailer should be equipped with a locking mechanism (e.g. padlock) to prevent the trailer from being moved by unauthorized individuals while on display. A key for the locking mechanism should be left with the superintendent and labeled with the exhibitor's name, county, and phone number.
7. Each exhibit must be free-standing or sufficiently supported by an exhibitor supplied support system that is moveable and is part of the total dimensions and weight of the exhibit. Exhibit display boards should have a portable and movable base, and examples should be firmly affixed to the board to ensure all parts of the display stay together. No exhibits may be staked to the ground for display.
8. Top heavy items should be braced or placed in a stand sufficient to prevent them from toppling over while on display
9. Exhibits may not be bound, affixed, attached to the State Fair buildings, except by the superintendent, State Fair Staff, or State Fair Extension Staff.
10. Painting or spot painting is not allowed on projects after arrival on fairgrounds. If wet paint is detected by judges or superintendents one ribbon placing will be deducted.
11. Repair projects having adequate original finish need not be repainted

12. Cutting surfaces, such as blades or knives, are to have a protective covering over them to prevent injury. The covering should be easily removed and reinstalled for judging. Foam “pool noodles” and multiple layers of cardboard are acceptable.
13. Display cases for small exhibits, such as knives, are acceptable, and must be easily opened so the item can be removed and examined as part of judging.
14. Exhibits that include weaponry of any kind will be disqualified. Weaponry is defined as any instrument, possession, or creation, physical and/or electrical that is intended to be used to inflict damage and/or harm to individuals, animal life, and/or property.
15. If the exhibit is powered by flammable liquids (gas, propane, kerosene, etc.) the fuel tank and fuel system should be drained and allowed to dry, to avoid spills and potential fires. If appropriate schematics or working drawings relating to the creation or repair
16. Electric powered (battery, corded, solar, or alternative energy) exhibits should have a primary shutoff or disconnect switch
17. If a safety violation is noted by the judges, superintendent, or other staff, the exhibitor’s exhibit, at the judge’s discretion, may receive a reduced ribbon placement or disqualification.
18. The exhibitor’s name(s) and county or district must be tagged or labeled on the display.
19. Each exhibitor is required to complete the “4-H Ag Mechanics Welding Exhibit Information Form” which is available through your local K-State Extension office or at <http://welding.engtech4ks.com/>. This form must be attached to the outside of a 10” x 13” manila envelope. Do not tie the envelope to the exhibit. All revisions of all forms previously released for the division dated prior to current year are void for use and new forms must be obtained and used that are dated by the State 4-H Office for the current year.
20. Each exhibit information packet should include the following items:
  - a. Bill of materials for the project with associated costs shall be provided. Scrap items used may be listed as having a \$0.00 cost
  - b. 1 to 5 pages of photos showing work on the exhibit, preferably from a beginning state to final or completed state
  - c. If applicable, schematics or working drawings relating to the creation or repair must be provided. This requirement is not required for display boards.
  - d. If appropriate operating instructions.
21. Exhibits with downward swinging parts, such as tailgates, that could pose a fall/striking/crushing hazard should have a tamper resistant locking mechanism such as a “zip-tie” or a “cotter-key” through a release pin that would prevent the swinging part from being accidentally released and falling on someone.
22. No sealed vessels are allowed. All vessels must be properly vented, for example, a water tank with a fill cap, or a drilled hole for empty chambers that allows pressure to equalize. Exhibits not properly vented will be disqualified.
23. Tanks are to be triple rinsed, dried and free of all liquid residue.
24. As exhibitors build their exhibits, appropriate PPE (Personal Protection Equipment) is required.

## **Classes**

**Introductory – Level 1 (Ages 7-8)** This level is designed for youth with little to no exposure in the project area so that they can gain an understanding of basic principles and methods in the given area.

3200 Welding Display Board. A 3' x 3' display board with different pieces of metal attached, illustrating different types of welds, each weld being labeled.

3201 Level 1 Welding Ag Repair. Repair of ag equipment with welding.

3202 Level 1 Welding Ag Fabrication. Creation of new ag equipment with welding.

3203 Level 1 Welding General Repair. Repair of non-ag equipment with welding.

3204 Level 1 Welding General Fabrication. Creation of non-ag equipment with welding.

3205 Level 1 Welding Artistic Fabrication. Creation of artistic or interpretive pieces with welding.

3206 Level 1 Other Metalwork.

3207 Smithing Display Board. A 3' x 3' display board with different pieces of forged metal attached illustrating different forms, each form being labeled.

3208 Level 1 Smithing. A design forged with at least one formed element (twists or spirals for example).

**Experienced – Level 2 (Ages 9-13)** This level is designed for youth some experience in the project area allowing them to expand on common principles and methods in the given area.

3209 Level 2 Welding Ag Repair. Repair of ag equipment with welding.

3210 Level 2 Welding Ag Fabrication. Creation of new ag equipment with welding.

3211 Level 2 Welding General Repair. Repair of non-ag equipment with welding.

3212 Level 2 Welding General Fabrication. Creation of non-ag equipment with welding.

3213 Level 2 Welding Artistic Fabrication. Creation of artistic or interpretive pieces with welding.

3214 Level 2 Other Metalwork

3215 Level 2 Smithing. A design forged with at least two different formed elements (twists and spirals for example).

**Advanced – Level 3 (Ages 14 and older)** This level is designed for youth with vast experience in the project area allowing them to master common principles and methods and expand on advanced techniques in the given area.

- 3216 Level 3 Welding Ag Repair. Repair of ag equipment with welding.
- 3217 Level 3 Welding Ag Fabrication. Creation of new ag equipment with welding.
- 3218 Level 3 Welding General Repair. Repair of non-ag equipment with welding.
- 3219 Level 3 Welding General Fabrication. Creation of non-ag equipment with welding.
- 3220 Level 3 Welding Artistic Fabrication. Creation of artistic or interpretive pieces with welding.
- 3221 Level 3 Other Metalwork
- 3222 Level 3 Smithing. A design forged with at least three different formed elements (twists, spirals and bulbs for example).

### **Educational Exhibits Rules**

1. For notebooks, display boards, and posters, no additional exhibit information is required; no manila envelope is needed for these exhibits.
2. Exhibits are to have a clear link to the Engineering and Technology areas of Ag Mechanics Welding.
3. Exhibits in posters, notebooks and display boards must contain substantial supporting educational materials.
4. Educational display boards, posters and notebooks should be creative and showcase details about the knowledge learned in the project during the current 4-H year. Value is placed on youth who can demonstrate how their skills have increased while completing the project. Each exhibit will be judged on uniqueness, creativity, neatness, accuracy of material, knowledge gained, and content. An exhibit judging score sheet available at <http://welding.engtech4ks.com/>
5. Follow copyright laws, citing all sources of information in a standard notation Sources of information must be cited on the front of your exhibit, including all posters and educational display boards. Example citation: "Make a Star Finder"  
<https://spaceplace.nasa.gov/starfinder/en/>
6. Educational displays are not to exceed a standard commercial 4' high X 3' wide X 2' deep. No card table exhibits will be allowed. Care should be taken to use durable materials that will withstand Kansas State Fair conditions. Posters are limited to commercial 3' X 4' trifold display boards.
7. "Construction Kits" that are part of educational displays must be contained in cases (tackle boxes, sealable containers, etc.) that may not be larger than 2' x 2' and must have a latch which securely keeps all components contained in the "Construction Kits". Other components are to adhere to appropriate dimensions as stated elsewhere.
8. Educational Project notebooks must be organized in a 3-ring binder or similar book.

9. Any three-dimensional poster or display board exhibits may not be thicker than 2 inches.
10. Exhibitor's name, county, or district, age, and year(s) in project must be tagged or labeled on the back of the exhibit. Exhibit cards are not sufficient as they may be removed or repositioned for display.
11. Exhibits should possess the following qualities (in no particular order):
  - a. A central theme
  - b. What you want others to learn
  - c. Be designed and constructed in a manner befitting the exhibit
  - d. Be something you are interested in
12. If a safety violation is noted by the judges, superintendent, or other staff, the exhibitor's exhibit, at the judge's discretion, will receive a participation ribbon.
14. Posters, Notebooks, and Display Boards may be checked out for use in a Kansas State Fair 4-H demonstration or illustrated talk with prior permission. For permission, check with the superintendent(s). The exhibit must be returned to display immediately after the demonstration/illustrated talk, or the exhibit will be disqualified.

**Educational Displays –**

**Ag Mechanics/Welding – Intermediate Division (Ages 9 – 13)**

- 3223 Intermediate Ag Mechanics/Welding Educational Display
- 3224 Intermediate Ag Mechanics/Welding Educational Notebook
- 3225 Intermediate Ag Mechanics/Welding Educational Poster

**Ag Mechanics/Welding – Senior Division (Ages 14 years and older)**

- 3226 Senior Ag Mechanics/Welding Educational Display
- 3227 Senior Ag Mechanics/Welding Educational Notebook
- 3228 Senior Ag Mechanics/Welding Educational Poster

## **4-H MISCELLANEOUS**

Osage City: Collene Stucky                      Junior:  
Overbrook: Jamie Guenther and Libby Thompson                      Junior:

1. 4-H members enrolled in projects that do not have an exhibit class elsewhere in this catalog may exhibit their notebook or other interesting and educational exhibit showing what has been done in the project. If enrolled in a project that has its own notebook/misc. class you cannot enter a notebook, poster, or other in this division. (Examples - safety, health, reading, self-determined, leadership, etc.)
2. 4-H'ers may enter only one exhibit per different project. 4-Hers may have more than one entry in a class.
3. Not eligible for state fair competition.

Class 3240     Posters  
Class 3241     Notebooks  
Class 3242     4-H Reading Project Notebook  
Class 3243     4-H Officer Notebooks  
Class 3244     Other Miscellaneous exhibits (Osage City Fair Class)

## **4-H BUILDING BLOCK ENGINEERING**

Osage City: Dustin Stucky                      Junior: Korbin Reeves  
Overbrook: Jamie Guenther and Libby Thompson

The BBE exhibit area focuses on using architectural blocks (“Legos”) to construct dioramas. This project allows youth to explore architectural design in a three-dimensional space. The intent for this program is to allow youth to explore the construction and gain knowledge through interaction with a common toy. This division is not intended for youth wishing to exhibit constructed kits. Kits and non-diorama displays should not be displayed in this division.

1. 4-H members must be currently enrolled in the Kansas 4-H Building Block Engineering project to exhibit in this division.
2. Each exhibitor may enter one exhibit. Exhibits must have been constructed during the current 4-H year. The exhibit must have been selected at the county level for entry at the State Fair. Counties or districts should select only top blue or purple ribbon robot exhibits which meet State Fair guidelines.
3. Counties are limited to FOUR exhibits to the state fair to ensure sufficient space for all exhibitors

4. Total exhibit dimensions may not exceed 2 feet high, by 2 feet wide, by 2 feet deep.
5. The minimum exhibit dimensions must be at least 6 inches wide and deep.
6. All exhibits are required to be placed in a sturdy see-through enclosure with a top, bottom, and 4 sides. A clear tub turned upside down with the exhibit placed on the lid would be an acceptable enclosure. It may be desirable to place a cutting board or other hard surface between the lid and base plate of the exhibit to make it more sturdy. This is to keep exhibit components from being “scattered to parts unknown” at the fair. The outer dimensions of the enclosure do not count towards the total exhibit dimensions but should not be excessive. The entire exhibit should fit in the display enclosure so the enclosure does not smash into the exhibit during movement.
  - a. Cases are to be removable and should not be bolted down, glued, or sealed in any way that prevents judges from touching the actual display. (Locking handles and snap shut lids are fine.)
7. All components used in construction should be dust and hair free, clean, free of chips, scuffs, cracks or broken blocks.
8. Gaps or cracks should not be visible between assembled blocks unless they fit with the story, for example an earthquake
9. The primary building component should be interlocking blocks, commonly referred to by the brand name of Lego®
10. Other architectural components can be integrated into dioramas to illustrate architectural aspects that may be difficult to convey with traditional interlocking blocks
11. The use of existing “store bought” sets for major architectural elements of the display is not allowed. Use of figurines from sets is allowed as is using individual bricks or small sub-assemblies to create something different than the architectural component of the set it came from. For example a car hood or front end from a car kit could be used in a “car museum,” just not the entire car.
12. Dioramas should be suitably complex and have multiple elements. They can be of buildings (inside/outside), natural spaces, imaginative/fictional areas, compartments of vehicles, logic puzzles, about anything you can think of that’s not a picture or artwork. For example a camp site that has a log cabin, a tree fort, and a car.
13. All dioramas should have a story, which is part of the information pack, that describes what is happening in the diorama; this can be as simple (the nursery rhyme “Jack and Jill” for example) or complex as needed to explain to someone looking at the exhibit what is happening
14. Vehicles that are intended to stay in a single place should be affixed to base plates with sticky tack, hot glue, or other method
15. Mechanical enhancements or motion elements that add motion to the diorama are acceptable and encouraged. If used judges should be able to use them and instructions should be provided for operation.

16. Artistic designs, for example recreating paintings like the “Mona Lisa” or “Starry Night” and sculptures like “David,” are not permitted as exhibits and one ribbon placing should be deducted. These exhibits should be displayed Visual Arts.
17. The exhibitor’s name(s) and county or district must be tagged or labeled on the display. Additionally the display case should have the exhibitor’s information attached to both the lid and clear container as well, as the top part of the case may be separated from the display
18. Each exhibit must include an Architectural Block Construction information packet. Entry of either a packet without an accompanying exhibit or an exhibit without a packet is not a sufficient exhibit.
19. Each exhibitor is required to complete the “4-H Building Block Engineering Exhibit Information Form” which is available through your local K-State Extension office or at <http://blocks.engtech4ks.com/>. This form must be attached to the outside of a 10” x 13” manila envelope. Do not tie the envelope to the exhibit.
20. Each exhibit information packet should include the following items
  - a. 1 to 5 pages of photos showing work on the exhibit, preferably from a beginning state to final or completed state. Final pictures help in determining where a part might go in case something comes loose.
  - b. If appropriate operating instructions for mechanical portions of the diorama.
21. Weapons are not prohibited in dioramas. Scenes depicting battles, like you would find in museums, are acceptable exhibits. However, blood and “gore” is not to be added and will result in a ribbon place deduction.

### **Beginner (ages 7-8)**

3260 Basic brick diorama built from scratch

### **Intermediate (ages 9-13)**

3261 Interlocking brick diorama built from scratch

### **Senior (ages 14 and up)**

3262 Advanced interlocking brick diorama built from scratch

### **Educational Exhibits Rules**

1. For notebooks, display boards, and posters, no additional exhibit information is required; no manila envelope is needed for these exhibits.
2. Exhibits shall have a clear link to the Engineering and Technology area of Building Block Engineering.
3. Exhibits in posters, notebooks and display boards must contain substantial supporting educational materials.
4. Educational display boards, posters and notebooks should be creative and showcase details about the knowledge learned in the project during the current 4-H year. Value is placed

on youth who can demonstrate how their skills have increased while completing the project. Each exhibit will be judged on uniqueness, creativity, neatness, accuracy of material, knowledge gained, and content. An exhibit judging score sheet available at <http://blocks.engtech4ks.com/>.

5. Follow copyright laws, citing all sources of information in a standard notation Sources of information must be cited on the front of your exhibit, including all posters and educational display boards. Example citation: “Make a Star Finder”  
<https://spaceplace.nasa.gov/starfinder/en/>

6. Educational displays are not to exceed a standard commercial 4’ high X 3’ wide X 2’ deep. No card table exhibits will be allowed. Care should be taken to use durable materials that will withstand Kansas State Fair conditions. Posters are limited to commercial 3’ X 4’ tri-fold display boards.

7. “Construction Kits” that are part of educational displays must be contained in cases (tackle boxes, sealable containers, etc.) that may not be larger than 2’ x 2’ and must have a latch which securely keeps all components contained in the “Construction Kits”. Other components are to adhere to appropriate dimensions as stated elsewhere.

8. Educational Project notebooks must be organized in a 3-ring binder or similar book.

9. Any three-dimensional poster or display board exhibits may not be thicker than 2 inches.

10. Exhibitor’s name, Extension Unit, age, and year(s) in project must be tagged or labeled in a prominent location on the, notebook, and/or “Construction Kit.” For education displays and/or posters the exhibitor’s name, county, or district, age, and year(s) in project must be tagged or labeled on the back of the exhibit. Exhibit cards are not sufficient as they may be removed or repositioned for display. Failure to label an exhibit may result in one ribbon placing deduction.

11. Exhibits should possess the following qualities (in no particular order):

- a. A central theme
- b. What you want others to learn
- c. Be designed and constructed in a manner befitting the exhibit
- d. Be something you are interested in

12. If a safety violation is noted by the judges, superintendent, or other staff, the exhibitor’s exhibit, at the judge’s discretion, will receive a participation ribbon.

13. Posters, Notebooks, and Display Boards may be checked out for use in a Kansas State Fair 4-H demonstration or illustrated talk with prior permission. For permission, check with the superintendent(s). The exhibit must be returned to display immediately after the demonstration/illustrated talk, or the exhibit will be disqualified.

14. Educational displays may use kits and any interlocking bricks used must adhere to the other general rules set forth. Educational displays are to inform the audience about something, for example, the Titanic. They are not to be merely an entry of a kit. Entries of just kits in the educational division will be disqualified.

### **Educational Displays –**

#### **Building Block Engineering – Intermediate Division (Ages 9 – 13)**

3300 Intermediate Building Block Engineering Educational Display

3301 Intermediate Building Block Engineering Educational Notebook

3302 Intermediate Building Block Engineering Educational Poster

#### **Building Block Engineering – Senior Division (Ages 14 years and older)**

3303 Senior Building Block Engineering Educational Display

3304 Senior Building Block Engineering Educational Notebook

3305 Senior Building Block Engineering Educational Poster

## **4-H PHOTOGRAPHY**

**Osage City: Kara Thompson**

**Junior: Avery Thielen and Paige Thielen**

**Overbrook: Jamie Guenther and Libby Thompson**

1. Black and white prints and color photographic prints may be exhibited.
2. EACH EXHIBITOR WILL BE LIMITED TO TWO ENTRIES. Exhibitor may enter enlarged photographs only in the classes of the photography unit enrolled in this year. \*Exhibitors in their eighth year or more in the photography project may enter (2) photograph (**each in a different class**), for a total of 2 exhibits.
3. Photographs entered must be the result of the current year's project work. Photos must be taken by the 4-H Member (exhibitor).
4. Photographs taken with a digital camera are allowed no more adjustments than exposure, color intensity or correction, one click filter effects, red eye removal, cropping, dodging and burning, and HDR (high dynamic range). **Please note: AI (artificial intelligence) modified images are not allowed.**
5. The black and white classes are for black and white photos only. Monochromatic prints, including sepia prints are considered color photos and must be entered in the appropriate color photo class.
6. 5. All photos must be no larger than 8" x 10" and no smaller than 7"x 9" after trimming.
7. Appropriate phot subject matter: Photographic subject matter is expected to follow 4-H standards. For a sense of prohibited subject matter, review the Kansas 4-H member Code of

Conduct; in general, if it is not allowable at a 4-H event, it is not allowable in a 4-H photograph at the State Fair.

8. Photos with live subject(s) on railroad right of way or taken from railroad right of way property will not be displayed in Kansas 4-H Photography and will be DISQUALIFIED and Not Judged.
9. Copyright protections must be observed.
10. Decisions as to display and/or penalties will be made by the Photography Department Superintendent and the 4-H Specialist responsible for the photography project.

**Photo Mounts:** A full coverage permanent mount (spray adhesive recommended or heat mount) must be made. (No household glues, double stick tape, etc.) Each photo is handled numerous times (up to 30) throughout the judging, and display process. **Please see photo mount and ID strip diagrams at the end of this section; also available on Kansas4h.org.**

11. **Adhering photo to matte board:** A full coverage permanent mount using a **spray adhesive** must be used. Do not use household glues, glue sticks, double stick tape/patches, etc. to adhere photo to matte board. Photos not mounted correctly will be lowered one ribbon placing after judging. Each photo is handled numerous times (up to 30) throughout the Kansas State Fair judging, sorting, and display process. Proper mounting is important for durability and display purposes. Educational video for proper mounting is available at [www.kansas4-H.org](http://www.kansas4-H.org) on the photography project webpage.

12. Photos are to be mounted across the narrow (11") dimension of an 11" x 12.5" sheet of white or cream studio matte board. Photos mounted on poster board will not be displayed. Matte boards may be purchased from your local K-State Research and Extension office.

13. Photos must be mounted with the top edge of the print 1" below the top of the mount (board is always oriented narrow side up). The sides of the print must be equal distance from the two sides of the mount.

14. Improperly mounted photos, oversize or undersize photos or photos with the white borders not removed or lettering (including dates) on the photo, will be awarded a ribbon one placing lower than the placing determined by the official judges.

15. The Kansas State Fair 4-H Photography I.D. Strip is available from your local K-State Extension Office or available for download at [www.kansas4-H.org](http://www.kansas4-H.org) on the photography project webpage. The strip must be used and mounted correctly on the bottom front of the matte board. (See diagram below)

16. No lettering, including dates, is permitted on the front of the mount or on the photo. Only the Kansas State Fair 4-H Photography ID **Strip** is to have lettering on it. No underlay or borders are to be used.

17. No lettering, names, addresses, descriptions or personal information pertaining to the photo or exhibitor should be written on the back of the photo matte board. The back of the photo matte board should remain blank.

18. **Clear Plastic Bag;** To protect exhibits from dust and moisture, place mounted photo in an **unsealed** protective plastic bag. Bags are available at your local K-State Research & Extension Office.

19. **Photo Release Form; Slide the phot release form in the back of the bag, behind the phot mount with the exhibitor's signature. Please fill out the phot release form in its entirety. Photo release forms will be removed at check-in for privacy purposes.**



3. A member may enter only one portfolio each year. Portfolio must have qualified at the County/District Level beginning with 4-H year 2022-2025.

- Class 3350 For color photos taken by a 4-H member with 3 years or less in the project.
- Class 3351 For color photos taken by 4-H member with 4 - 7 years in the project.
- Class 3352 For color photos taken by a 4-H member with 8 or more years in the project.
- Class 3353 Black and white photos taken by a 4-H member with 3 years or less in the project. (Black and white prints only).
- Class 3354 Black and white photos taken by a 4-H member with 4-7 years in the project. (Black and white prints only).
- Class 3355 Black and white photos taken by a 4-H member with 8 years or more in the project. (Black and white prints only).
- Class 3356 My Favorite 4-H Photography.
1. This is a “display only” class.
  2. Eligible members must have enrolled in photography for ten (10) or more years.
  3. Requirements are:
    - A. Choose a total of four (4) of your favorite photos from any of the years enrolled in photography. If used previously in competitive exhibits, remove all data slips and stickers. If the photo is an unmounted print, mount it using standard 4-H requirements and mat board.
    - B. Develop a short biography piece. -Tell how/when an interest in photography began. -Explain why each of the four photos is a favorite. - Share the skills learned because of photography. Think beyond camera skills and include leadership, community service, etc. -Tell of any mentors/leaders worked with. -Share workshops or camps pertaining to photography you attended. -Explain (if relevant) any plans to use photography skills beyond 4-H/High School. -Include a small (2 x 3) photo of yourself at the start of the biography. -Print the biography document and mount it on a standard mat board.
  4. Place name and Extension unit on the back of each of the 5 mat boards in the upper right-hand corner.
  5. This exhibit does not have to qualify at the county/district level to exhibit at the Kansas State Fair.

6. Exhibitor does not need to use an ID Strip for these photos.
7. A member who qualifies to exhibit in this class is still allowed to enter two prints and a portfolio for judging if qualifications for those classes are met.

**Class 3357 Growth Portfolio- Please Note: Art Portfolio books for portfolio classes may be found at art supply stores, big box craft stores or online. They generally contain a black cover with clear pages to hold photos. Portfolio book pages should be 8 ½ x 11” in order to hold an 8 x 10 photo.**

1. Member must have been enrolled in Photography project for five (5) years or more.is eligible for this class beginning with the third year of enrollment in the 4-H photography project.
2. Exhibit will consist of one photo for each year of enrollment. Each photo must have been created in a different year and must be labeled with the year taken/project enrollment year. A maximum of 5 photos may be included, if the member has 5 or more years of enrollment. Photos are not required to be in a consecutive order. For example, a nine-year-old with three years enrollment in photography is eligible to enter a growth portfolio. The portfolio in this example should have one photo from the seven-year-olds year, one photo from the eight-year-olds year, and one photo from the nine-year-old year. The growth portfolio class may start at any time in the member’s photography career. For an older member, the growth portfolio would represent any five years in the project, for example, years 1,3,5,7 and 9 for a member having project enrollment totaling 9 years.
3. Photos must be 8” x 10” and may be color or black and white and must be unmounted.
4. An information sheet must accompany each photo giving brand and model of camera used to create the photo. Setting for focal length, aperture, mode ad shutter speed must also be listed. The skills set used to create the photo must be given and fully explained. The main goal for each year should also be given. The form for this information is available on the Kansas4h.org website, is a form fillable document and is required.
5. A short introduction of the photographer should be placed in the first page. This introduction should tell why the 4-H member enrolled in the Photography project and why they have continued to enroll. Exhibitor could also tell of a fun event photographed, a learning experience that taught them new skills or other related learning.
6. Beginning with photo 2 (two), member description of GROWTH in project skill must be included on information sheet.
7. Exhibit will consist of introductory page, skill sheet and photo from each year in chronological order and arranged in a portfolio book. Skill sheet will go in left hand page and unmounted photos in the right hand page.

Class 3358 Career Portfolio

1. Member must have been enrolled in Photography for 5 (five) or more years OR member must be age 15 -19 and been enrolled in photography for at least two (2) years.
2. Exhibit will consist of ten (10) 8 x 10 photos showing skill development in one of the following photography areas: Portraiture, Special Effects (not done with computer), Landscape, Photojournalism, Black and White, Nature/Wildlife or Graphic Design (computer skills with photos). All photos must be the result of the current 4-H enrollment year.
3. Photos may be color except if Black and White option is chosen and must be unmounted.
4. An information sheet must accompany each photo giving brand and model of camera used to create the photo. The settings for focal length, aperture, mode and shutter speed must also be listed.
5. A one page summary should accompany the portfolio listing the goal for pursuing this area of photography and what skills were learned while doing so. Mentors should be acknowledged. Career exploration can also be described.
6. Exhibit will be presented in a notebook designed for portfolio review with pages for required information from #4 and #5.

## **4-H SHOOTING SPORTS**

**Osage City: Dustin Stucky Junior:**

**Overbrook: Jamie Guenther and Libby Thompson**

**Junior:**

Exhibits related to Shooting Sports should follow the Best Management Practices of National 4-H Shooting Sports and Kansas State Law.

### **National 4-H Shooting Sports Minimum Standards and Best Management Practices**

Regarding simulated combat sports including but not limited to, paintball guns, air-soft, laser guns, archery tag. Pointing any type of gun including paint ball guns, air-soft guns, laser guns, laser paint-ball, archery tag bows & arrows or sighting devices at any person or any humanoid shaped target is inappropriate any 4-H program activity.

### **Kansas Law**

Kansas firearm laws regarding possession require that a person be at least 18 years of age. Minors under the age of 18 may possess firearms if under the supervision of a parent, legal guardian, or qualified instructor.

A minor engaged in activities such as hunting, trapping, and competition shooting are allowed to possess firearms during the activities. This also includes the transportation of the firearm to and from the locations of such activities--including their related safety and instruction courses or

classes--with the consideration that the firearm be unloaded and not in the immediate reach of the individual. Possession of firearms at the minor's place of residence is also allowed, in so far that permission is granted by a parent or guardian. Kansas firearm laws place a strict focus on situations that involve people convicted of felonies and the involvement of firearms.

1. 4-H Member must be 8 by January 1, of the current 4-H year to be enrolled and participate in the project to show at the county fairs. Participation in the project includes attending project meetings related to area their exhibit topic to ensure National 4-H Shooting Sports Minimum Standards and Best Management Practices are followed and displayed in the exhibit.
2. Exhibits in this division are open to educational displays, promotional posters, or experiential displays. Follow copyright laws as explained in the General Rules as you are preparing your exhibit. Take care to select durable materials to withstand State Fair conditions.
3. National Minimum Standards and Best Practices <https://4-hshootingsports.org/wp-content/uploads/2024/01/12.13.23-Minimum-Standards-Update.pdf> MUST be followed as well as Kansas 4-H Shooting Sports Handbook. [https://bookstore.ksre.ksu.edu/pubs/kansas-4-h-shooting-sports-handbook\\_4H1101.pdf](https://bookstore.ksre.ksu.edu/pubs/kansas-4-h-shooting-sports-handbook_4H1101.pdf) Exhibits outside these standards will be disqualified.
4. The exhibit size rule will be strictly enforced. Exhibits exceeding the size guidelines will be disqualified. Maximum exhibit size for all exhibits in this division is 4'X6'. Larger exhibits will be turned away.
5. Educational Display: must be the standard tri-fold board ONLY, must not exceed standard tri-fold: 3'x4' unless there is a topper that sits on top of the board and does not take up additional table space; no additional table space available for promotional brochures or display items; content not to exceed display board borders.
6. Promotional Posters: must be flat and no larger than 22"x30"; content not to exceed display board borders. Exhibits may be displayed on wall.
7. Notebooks: no larger than 8 ½" x 11".
8. Exhibits must not display, describe, or depict firearms or firearm components that are not allowed by 4-H Shooting Sports National Minimum Standards.
9. Exhibitors must comply with state and federal laws and Kansas State Fair Management.
10. No "live" ammunition containing propellant or explosive powders may be used in any display. An inert substitution must be used in lieu of powder and "live" ammunition, the substitution must be clearly described on the back of the poster, display or in a notebook.
11. The Kansas State Fair nor the department of 4-H Youth Development, KSRE are liable for the loss or damage of any personal property included as part of your poster, display or notebook.
12. Name, county or district, age and year in project should be on the front of the poster, display or notebook unless special arrangements are made because of declination of publicity release.
13. Exhibit topics regarding firearm care, handling, and shooting will only be accepted from Extension Units with 4-H Certified Shooting Sports Programs and enrolled 4-H youth in the specific Shooting Sports Project, and must follow National and State policies, minimum standards, and best practices.
14. Exhibits will not be accepted if they are related to reloads.

Class 3400 Educational Display. Must be directly related to the 4-H shooting sports project.

(Standard tri-fold boards only, no larger than 3'X4').

Class 3401 Promotional Poster. Must promote 4-H Shooting Sports. (Flat poster no larger than 22" X 30")

Class 3402 Notebook. Contents pertain to some phase, results, story or information about 4-H Shooting Sports.

#### Experiential Classes

3403 Shooting Aid or Accessory - (SF253) - Any item the 4-Her makes which helps the shooter/hunter better perform their sport, examples: rifle sling, kneeling roll, arm guard, shotgun vest, target boxes, shooting stick, etc. Include your design, or plans you adapted, what the item is and used for.

3404 Storage Case - (SF254) - Any item the 4-Her makes with the purpose to safely hold a firearm, bow, ammunition, and/or arrows. Examples: soft sided shotgun case, quivers, firearm safe, include your design, or plans you adapted. Explain how the storage case is used.

3405 Practice Game or Activity - (SF255) - Invent or adapt an activity to practice or teach a project skill. Include pictures of youth playing the game, testimonials of 4-H members who played the game, what skill is being worked on, and directions for the game. Explain how you came up with the game or adapted it to fit the needs of your group members.

### 4-H Astronomy

**Osage City: Dustin Stucky Junior: Ruby Stucky**

**Overbrook: Jamie Guenther and Libby Thompson**

**Junior:**

#### 4-H Astronomy

1. The 4-H member must be currently enrolled in the 4-H Astronomy project to exhibit in this division.
2. Telescopes entered in this division may be built from a kit or by original design. Radio telescopes are acceptable entries in this category. Pre-finished telescopes which require no construction are not acceptable exhibits.
3. Telescopes are limited to no more than six feet in length. They must be placed on a stationary stand that does not allow the telescope to roll and/or fall over. The stand cannot extend past two feet in length or width.
4. Each telescope exhibit must include a "4-H Astronomy Exhibit Information Form," which is available through your local K-State Extension office or at <http://astronomy.engtech4ks.com/>. This form must be attached to the outside of a 10" x 13" manila envelope. Do not tie the

envelope to the exhibit. All revisions of forms previously released for the Engineering & Technology division dated prior to current year are void for use and new forms must be obtained and used that are dated by the Kansas State 4-H Office for the current year. You must also include construction plans (or a photocopy) for the telescope and place it inside the manila envelope.

6. At least two photographs showing telescope construction and operation are required. Photographs should be mounted on one side of an 8 ½” x 11” page. A brief caption should accompany each photograph. Place photos in the 10”x13” manila envelope. Up to 10 pages of pictures can be included.

7. The telescope must be properly assembled and painted with a smooth and uniform finish. Decals, if used, should be attached smooth and tight.

8. Telescopes designed by the exhibitor must be original, not a modification of an existing kit.

9. Exhibitor’s name, county, or district, age, and year in project must be tagged or labeled in a prominent location on the telescope stand, educational display, notebook, and /or poster.

10. If a safety violation is noted by the judges, superintendent, or other staff, the exhibitor's exhibit, at the judge's discretion, may receive a reduced ribbon placement or disqualification.

Class 3420 Telescope made from kit

Class 3421 Telescope made from an original design

### **Educational Exhibits Rules**

1. For notebooks, display boards, and posters, no additional exhibit information is required; no manila envelope is needed for these exhibits.

2. Exhibits are to have a clear link to the Engineering and Technology areas of astronomy.

3. Exhibits in posters, notebooks and display boards must contain substantial supporting educational materials.

4. Educational display boards, posters and notebooks should be creative and showcase details about the knowledge learned in the project during the current 4-H year. Value is placed on youth who can demonstrate how their skills have increased while completing the project. Each exhibit will be judged on uniqueness, creativity, neatness, accuracy of material, knowledge gained, and content. An exhibit judging score sheet available at <http://blocks.engtech4ks.com/>.

5. Follow copyright laws, citing all sources of information in a standard notation Sources of information must be cited on the front of your exhibit, including all posters and educational display boards. Example citation: “Make a Star Finder”  
<https://spaceplace.nasa.gov/starfinder/en/>

6. Educational displays are not to exceed 4’ high X 3’ wide X 2’ deep. No card table exhibits will be allowed. Care should be taken to use durable materials that will withstand

Kansas State Fair conditions. Posters are limited to commercial 3' X 4' tri-fold display boards.

7. "Construction Kits" that are part of educational displays must be contained in cases (tackle boxes, sealable containers, etc.) that may not be larger than 2' x 2' and must have a latch which securely keeps all components contained in the "Construction Kits". Other components are to adhere to appropriate dimensions as stated elsewhere.
8. Educational Project notebooks must be organized in a 3-ring binder or similar book.
9. Any three-dimensional poster or display board exhibits may not be thicker than 2 inches.
10. Exhibits should possess the following qualities (in no particular order):
  - a. A central theme
  - b. What you want others to learn
  - c. Be designed and constructed in a manner befitting the exhibit
  - d. Be something you are interested in
11. If a safety violation is noted by the judges, superintendent, or other staff, the exhibitor's exhibit, at the judge's discretion, may receive a reduced ribbon placement or disqualification.

#### **Educational Displays –**

##### **Astronomy – Intermediate Division (Ages 9 – 13)**

3422 Intermediate Astronomy Educational Display

3423 Intermediate Astronomy Educational Notebook

3424 Intermediate Astronomy Educational Poster

##### **Astronomy – Senior Division (Ages 14 years and older)**

3425 Senior Astronomy Educational Display

3426 Senior Astronomy Educational Notebook

3427 Senior Astronomy Educational Poster

## **4-H COMPUTER SCIENCE**

### **Superintendents**

**Osage City: Dustin Stucky**

**Overbrook: Jamie Guenther and Libby Thompson**

1. The actual construction of computer hardware (For example, building a computer, which would include computer components plugged into a motherboard, discrete circuitry soldered on a printed circuit board, or wire-wrapped circuitry) will be entered in the Electronics Division., except for exhibits entered in Class 5594.
2. If a safety violation is noted by the judges, superintendent, or other staff, the exhibitor's exhibit, at the judge's discretion, may receive a reduced ribbon placement or disqualification. A safety violation could include Malware, a virus, or any similar program that is potentially harmful.

### **Exhibit Requirements**

1. All exhibits in the Computer Science division must be entered on a USB drive containing all supporting documents as listed below for each class.
  - a. The USB drive should be included in a manila envelope with the Computer Exhibit Form (found at <http://computers.engtech4ks.com/> or your local extension office) attached to the front.
  - b. The USB drive should be labeled with the 4-H member's name and county.
2. Source code must be included on the USB drive for all computer programming projects coded by the 4-H member. This could include a .txt file, python file, Scratch URL, etc. Failure to include the source code will result in one ribbon deduction.
3. Each exhibit must include written operating instructions including how to locate, run, and use the project. Operating instructions should be printed and placed in the manilla envelope and included digitally on the USB drive.
4. Each exhibit must be accompanied by a typed requirements document included on the USB drive. See <https://computers.engtech4ks.com/> for a template that can be used for documenting requirements.
  - a. The requirements document should be started at the beginning of the project. It will include a list of goals and requirements that the 4-H member wants to include or achieve in their final project.
  - b. The project requirements section is formatted as a checklist, with the 4-Her checking off what they accomplished and making adjustments throughout their work on the

project as needed.

- c. Flow charts, designs, or other diagrams may be included for computer programs to show the logical flow of the program as needed.

5. For county fairs, it is recommended to print screenshots for display at fairs that don't have electronic displays available.

6. All electric components of micro controlled devices must be adequately covered or concealed with a protective enclosure, specifically circuit board. Paper is NOT considered an adequate enclosure or covering for electrical components.

7. For the State Fair, the 4-H Member must include a video showcasing how to open and run the project as well as a walkthrough of any project mechanics.

a. Videos with an accompanying release form (<http://computers.engtech4ks.com/>) signed by the exhibitor's parent or guardian may be displayed at the state fair in the Engineering and Technology exhibit area.

b. The video must not be more than 8 minutes long and should be included on the USB drive.

8. FOR COUNTY FAIRS with consultation judging, it is recommended that the video elements be waived in favor of talking with the exhibitor.

### **Judging**

1. Kansas State Fair Judge(s) in the computer system division will have a physical computer with the following minimum configuration to test exhibits with and view files:

a. Microsoft Windows® 11

b. Microsoft Office® 365 (Excel, Power Point, & Word)

c. Microsoft Visual Studio®

d. Microsoft Edge Browser®

e. Mozilla Firefox® Browser

f. Google Chrome® Browser

g. Adobe Acrobat Reader®

h. Apache Open Office®

i. Scratch Desktop editor (offline version)

2. Judging of microcontrolled devices is based on the code, not the hardware.

3. Judging will be based on a score sheet that can be found at <http://computers.engtech4ks.com/>. There are three (3) areas each exhibit will be judged on. They are:

a. Requirements document

b. Operating Instructions

c. Functionality (how well did the project meet project objectives)

## Division– Computer Systems

- Class 3500 Computer program, application, app, script, or coded system that is new and unique (not merely a file run in a program, such as a ‘word document’ or a picture drawn in ‘Microsoft Paint.’).
- Class 3501 Coded website built entirely by the 4-H member (not using a pre-made template generator such as Wix or Squarespace). Items in this class could be coded in HTML, CSS, Javascript, Wordpress, or other web-based programming languages or platforms.
- Class 3502 Microcontroller or microcomputer application-a small circuit board that is programmed to accomplish a specific task (projects built and programmed using Raspberry Pi, Arduino, etc.)

### **Educational Exhibits Rules**

1. For notebooks, display boards, and posters, no additional exhibit information is required; no manila envelope is needed for these exhibits.
2. Exhibits shall have a **clear link to the Engineering and Technology area of computers.**
3. Exhibits in posters, notebooks and display boards must contain substantial supporting educational materials.
4. Educational display boards, posters and notebooks should be creative and showcase details about the knowledge learned in the project during the current 4-H year. Value is placed on youth who can demonstrate how their skills have increased while completing the project. Each exhibit will be judged on uniqueness, creativity, neatness, accuracy of material, knowledge gained, and content. An exhibit judging score sheet available at <http://computers.engtech4ks.com/>.
5. Follow copyright laws, citing all sources of information in a standard notation Sources of information must be cited on the front of your exhibit, including all posters and educational display boards. Example citation: “Make a Star Finder” <https://spaceplace.nasa.gov/starfinder/en>
6. Educational displays are not to exceed 4’ high X 3’ wide X 2’ deep. No card table exhibits will be allowed. Care should be taken to use durable materials that will withstand Kansas State Fair conditions. Posters are limited to commercial 3’ X 4’ tri-fold display boards.
7. “Construction Kits” that are part of educational displays must be contained in cases (tackle boxes, sealable containers, etc.) no larger than 2’ x 2’ and must have a latch which securely keeps all components contained in the “Construction Kits”. Other components are to adhere to appropriate dimensions as stated elsewhere.
8. Educational Project notebooks must be organized in a 3-ring binder or similar book.
9. Any three-dimensional poster or display board exhibits may not be thicker than 2 inches.
10. Exhibits should possess the following qualities (in no particular order):
  - a. A central theme
  - b. What you want others to learn
  - c. Be designed and constructed in a manner befitting the exhibit
  - d. Be something you are interested in
11. If a safety violation is noted by the judges, superintendent, or other staff, the exhibitor's exhibit, at the judge's discretion, may receive a reduced ribbon placement or disqualification.

### **Computer Science – Intermediate Division (Ages 9 – 13)**

- 3503 Intermediate Computer Science Educational Poster  
3504 Intermediate Computer Science Display Board  
3505 Intermediate Computer Science Notebook

### **Computer Science – Senior Division (Ages 14 years and older)**

- 3506 Senior Computer Science Educational Poster

## 4-H ROBOTICS

### Superintendents

**Osage City: Dustin Stucky**

**Overbrook: Jamie Guenther and Libby Thompson**

**Junior:**

1. 4-H members must be currently enrolled in the Kansas 4-H Robotics project to exhibit in this division.
2. Each exhibitor may enter one robot per class. **Exhibit must have been constructed/completed during the current 4-H year.** The robot must be selected at the county fair level for entry at the State Fair. Counties or districts should select only the top blue or purple ribbon robot exhibits **which meet State Fair guidelines.**
3. Each exhibit must include a robot, information packets are not a sufficient exhibit.
4. Robots must have automated (electric, pneumatic, hydraulic, etc.) articulated structures (arms, wheels, grippers, pneumatic, hydraulic, etc.). Game consoles that display on a screen are not considered robots and should either be entered in computer sciences division or electronics and renewable energy division. Robots requiring no assembly, just programming, such as Ozobots, are considered computer sciences projects as the skill is focused on the programming not on the construction of the robot.
5. Robot dimensions should not exceed 2 feet high, by 2 feet wide, by 2 feet deep. If displaced in a case (not required or encouraged) the outside case dimensions should not be excessive. The display case should have the exhibitor's information attached to both the base and cover, as the top of the case may be separated from the display.
6. Materials including but not limited to obstacles, spare batteries, and mats for testing the robot may be placed in a separate container, which is not included in the robots dimensions, that container may not be larger than 576 cubic inches as measured along the outside of the container. (Examples: 4"X4"X36" or 4"X8"X18" or 6"X6"X16) The container, if used, and/or any large objects (such as mats or obstacles) should be labeled with the exhibitor's name(s) and county or district.
7. All electric components of the robot must be adequately covered or concealed with a protective enclosure. Paper is **NOT** considered an adequate enclosure or covering for electrical components.
8. Robots may be powered by battery, water, air, elastic energy devices (rubber bands, ballons, etc.) or solar source only. Junk drawer robots may be powered by a non-traditional power source. Robots powered by fossil fuels/flammable liquids will be disqualified. Robots that include weaponry of any kind will be disqualified. Weaponry is defined as any instrument, possession or creation, physical and/or electrical that could be used to inflict damage and/or harm to individuals, animal life , and/or property.
9. Remote controlled robots are allowed under certain conditions provided that the robot is not drivable. Robots programmed on phones/tablets need to have a specific program created, using motion controls to move the robot are not acceptable, for example "press forward on the screen to make the robot go forward." A remote is allowed, provided more than a single action happens when a single button is pressed on the remote, for

example “a motor spins for 3 seconds, at which point an actuator is triggered, then the motor spins for 3 more seconds.” Remote controlled cars, boats, planes and/or action figures, etc. are not allowed.

a. Robotic arms and hand extensions (hydraulic, mechanical, or electrical) are allowed.

10. Each robot must be in operable working condition. The judges will operate each robot to evaluate its workmanship and its ability to complete the required tasks for this current 4- H year. In the event the robot uses a phone, tablet, or similar device for programming AND control of the robot a video will be used to evaluate the working condition of the robot. It should follow the instructions provided for operation so that the judge can follow along with the provided instructions. For county fairs, where consultation judging is used the video requirement should be waived in favor of actual operation of the robot.

11. Each exhibitor is required to complete the “4-H Robotics Exhibit Information Form” which is available through your local K-State Extension office. This form must be attached to the outside of a 10” x 13” manila envelope.

12. The exhibit must include written instructions for operation (Instructions should be written in clear, simple, step-by-step language so that someone with no prior experience could successfully operate the robot. ), construction plans, a video, and one to five pages of project photographs are required for all robotic exhibits. For robots that can be programmed, robot programming information must be included. This information should be placed inside the 10”x13” manila envelope mentioned above. **The exhibitor may enter their electronic project listed under the electric program as under the Space Tech robotics project if the exhibitor so chooses. No exhibitor will be allowed to set up their robot in person at the State Fair.**

13. In the event that the robot uses a device like a phone, iPad, or tablet for programming AND operation, DO NOT include the device (phone, tablet, etc.). The device’s safety cannot be insured. Instead record a video demonstrating the instructions included for your robot. It should show, setting up the robot, starting the robot, the robot executing its task, and powering off the robot, just like the instructions are written.

14. Creativity, workmanship, and functionality will be strong criteria in judging the “Robot designed by the Exhibitor” classes. All robots should have a purpose or intended function, examples include, but are not limited to: following a line, sweeping the floor, solving a rubix cube, sorting colors, or climbing stairs. Exhibitor’s name(s) and county or district must be tagged or labeled in a prominent location on the robot.

15. There are no county or district boundaries that must be adhered to in order to form a Kansas 4-H Robotics team. However, as mentioned in #1, each team member must be currently enrolled in the Kansas 4-H Robotics

16. See the last section for full details about exhibiting posters, display boards and notebooks

17. If a safety violation is noted by the judges, superintendents, or other staff, the exhibitor’s exhibit, at the judges’ discretion, will receive a participation ribbon.

18. Each exhibitor is required to complete the “4-H Robotics Exhibit Information Form” which is available through your K-State Extension office or at <https://robotics.engtech4ks.com/> .

19. This form must be attached to the outside of a 10” X 13” manila envelope. All revisions of all forms previously released for the Engineering and Technology division, either undated or dated prior to the current year, are void for use, and new forms must be obtained and used that are dated by the State 4-H office for the current year. Use of old forms should result in the loss of one ribbon placing for exhibits.

### **Intermediate Division Ages 9 to 13 years**

- Class 3520 Robot made from a commercial (purchased) kit. **(No programming just assembly)**
- Class 3521 Robot designed by exhibitor. The robot must not be a mere modification of an existing robot kit or plan.
- Class 3522 Programmable robot made from a commercial (purchased) kit.
- Class 3523 Robot designed and constructed by exhibitor or from a commercial kit, that is operated by remote controlled device.
- Class 3524 Junk Drawer Robotics

### **Senior Division Age 14 and up -Five or More Years in Robotics Project**

- Class 3525 Robot made from a commercial (purchased) kit. **(No programming just assembly)**
- Class 3526 Robot designed by exhibitor. The robot must not be a mere modification of an existing robot kit or plan.
- Class 3527 Programmable robot made from a commercial (purchased) kit.
- Class 3528 Robot designed and constructed by exhibitor or from a commercial kit, that is operated by a remote controlled device.
- Class 3529 Junk Drawer Robotics

### **Division D - Team Robotics Project**

Class 3530 Robot designed and constructed by 2 or more 4-H Robotics project members. The robot must not be a mere modification of an existing robot kit or plan. The robot may be a programmable type that is made from a commercial (purchased) kit. This division is designed to encourage teamwork and cooperation among fellow 4-H Robotics members. As with many high-tech projects today, no one person designs and builds a robot alone. It takes the brainstorming, planning, problem solving, and cooperation of an entire team to complete a given robotics project.

### **Educational Exhibits Rules**

1. For notebooks, display boards, and posters, no additional exhibit information is required; no manila envelope is needed for these exhibits.
2. Exhibits are to have a **clear link to the Engineering and Technology areas** robotics.
3. Exhibits in posters, notebooks and display boards must contain substantial supporting educational materials.
4. Educational display boards, posters and notebooks should be creative and showcase details about the knowledge learned in the project during the current 4-H year. Value is placed on youth who can demonstrate how their skills have increased while completing the project. Each exhibit will be judged on uniqueness, creativity, neatness, accuracy of material, knowledge gained, and content. An exhibit judging score sheet available at <http://robotics.engtech4ks.com/>.
5. Follow copyright laws, citing all sources of information in a standard notation Sources of information must be cited on the front of your exhibit, including all posters and educational display boards.
6. Educational displays are not to exceed 4' high X 3' wide X 2' deep. No card table exhibits will be allowed. Care should be taken to use durable materials that will withstand Kansas State Fair conditions. Posters are limited to commercial 3' X 4' tri-fold display boards.

7. “Construction Kits” that are part of Educational displays must be contained in cases (tackle boxes, sealable containers, etc.) that may not be larger than 1’ x 2’ x 2’ and must have a latch which securely keeps all components contained in the “Construction Kits”. Other components are to adhere to appropriate dimensions as stated elsewhere.

8. Educational Project notebooks must be organized in a 3-ring binder.

9. Any three-dimensional poster or display board exhibits may not be thicker than 2 inches.

10. Exhibits should possess the following qualities (in no particular order):

a. A central theme

b. What you want others to learn

c. Be designed and constructed in a manner befitting the exhibit

d. Be something you are interested in

11. If a safety violation is noted by the judges, superintendent, or other staff, the exhibitor’s exhibit, at the judge’s discretion, will receive a participation ribbon.

12. Posters, Notebooks, and Display Boards may be checked out for use in a Kansas State Fair 4-H demonstration or illustrated talk with prior permission. For permission, check with the superintendent(s). The exhibit must be returned to display immediately after the demonstration/illustrated talk, or the exhibit will be disqualified.

### **Robotics – Intermediate Division (Ages 9 – 13)**

3531 Robotics Educational Display

3532 Robotics Educational Notebook

3533 Robotics Educational Poster

### **Robotics – Senior Division (Ages 14 years and older)**

3534 Robotics Educational Display

3535 Robotics Educational Notebook

3536 Robotics Educational Poster

### **Robotics Team Robotics Project**

3537 Team Robotics Educational Display

3538 Team Robotics Educational Notebook

3539 Team Robotics Educational Poster

## **4-H AEROSPACE/ROCKETRY**

### **Superintendents**

**Osage City: Dustin Stucky**

**Overbrook: Jamie Guenther and Libby Thompson**

**Junior:**

The Kansas 4-H STEM Rocketry program is designed to allow 4-H members to explore aerospace through rockets of various sizes. Kansas 4-H has adopted the National Association of Rocketry’s rules, regulations, and safety guidelines.

### **Exhibit Information for ALL rocketry categories:**

1. All revisions of all forms previously released for the division either undated or dated prior to current year are void for use and new forms must be obtained and used that are dated by the State 4-H Office for the current year. Use of old forms will result in the loss of one ribbon placing for exhibits.

2. Relevant documents may be obtained from County Extension Offices or from

<http://rocketry.engtech4ks.com/>

3. NAR refers to the National Association of Rocketry and its' governing board.
4. All NAR documents referenced herein can be found at <http://www.nar.org>.
5. If a fire burn ban is in effect for any county in Kansas, exhibitors in any Kansas County are not required to launch their rocket(s). All requirements for the launching of rockets for the state fair and the documenting of the launching are suspended for the duration of the ban.
6. Tripoli refers to the Tripoli Rocketry Association and governing board.
7. See the last section for full details about exhibiting posters, display boards and notebooks.
8. See the last section for full details about exhibiting posters, display boards and notebooks.

### **Exhibit Definitions for ALL rocketry categories:**

1. As defined by the National Association of Rocketry (NAR), a scale model is any model rocket that is a true scale model of an existing or historical guided missile, rocket vehicle, or space vehicle, that has flown under rocket power. The intent of scale modeling is, according to the NAR, "is to produce an accurate, flying replica of a real rocket powered vehicle that is judged for craftsmanship in construction, finish, and flight performance. (<https://www.nar.org/contest-flying/competition-guide/> )
2. Adult supervision is defined as being under the direct supervision of someone 18 years of age or older.
3. For the purposes of Kansas 4-H Engineering & Technology a mid- powered rocket is defined as a rocket that uses an 'E', 'F', 'G', or equivalent engine for launch. In addition, rockets also qualify for mid-power if they meet any of the following criteria:
  - a. Are 2 inches or greater in diameter "(not including fins) and taller than 3 feet (36 inches including fins) and do not use an engine(s) exceeding 160.01 Newton- seconds of total impulse (an 'H' engine equivalent or above)..
  - b. The total impulse of all engines used in the rocket is greater than 20.01 Newton- seconds and less than 160.01Newton-Seconds.
4. For the purposes of Kansas 4-H, a high powered rocket is defined as a rocket that meets any of the following criteria:
  - a. Weighs more than 3.3125 pounds (53 ounces or 1500 grams) at the time of launch;
  - b. Uses a 'H' engine or larger to launch
  - c. The total impulse of all engines used in the rocket is greater than 160.01 Newton-seconds of thrust.
  - d. Includes any airframes parts of ductile, metal, though, the use of ductile metal is strongly discouraged.
  - e. Models powered by rocket motors not classified as model rocket motors per NFPA 1122, e.g.:
    - i. Average thrust in excess of 80.01 Newtons
    - ii. Contains in excess of 125 grams of propellant and are limited to only H and I motors.
    - iii. Uses a hybrid motor or a motor designed to emit sparks
5. High power certification is defined as having successfully completed a certification program for high-

powered rocketry through the NAR or Tripoli and maintaining that certification. This applies to all membership levels in the NAR and Tripoli. Specifically the “Formal Participation Procedure” for the “Junior HPR Level 1 Participation Program” as outlined by the NAR and the "Tripoli Mentoring Program (TMP) as outlined by Tripoli.

6. NAR safety codes for launching and construction of all rockets are assumed to be used by all 4-H exhibitors and will be considered during judging.

7. For the purposes of Kansas 4-H, NO rocket may be launched using engines totaling more than an ‘I’ impulse engine or 640 Newton-seconds of total thrust.

#### **Exhibit Rules for ALL rocketry categories:**

Purpose: These rules apply to how rockets are to be displayed at the state fair and what those displays should and should not contain. These rules apply to all rockets displayed in the Engineering & Technology division.

1. 4-H members must be currently enrolled in the 4-H Aerospace/Rocketry program to exhibit in this division.

2. Each exhibitor may enter up to two rocket exhibits that have been constructed during the current year. If two rockets are entered, one rocket must be a “model rocket kit” and the second may be entered into any other applicable class. An exhibitor may not enter two rockets in the same class.

3. The report that accompanies the rocket must be limited to the 4-H STEM Rocket Exhibit Information Form which is affixed to a 10” x 13” envelope. This envelope should NOT be attached to the rocket stand or rocket. The information form should be signed by the exhibitor. This may be downloaded from [http:// www.Kansas4-H.org](http://www.Kansas4-H.org) Any rocket exhibit not including this completed envelope will receive an automatic participation ribbon.

4. Plans (or a photocopy) must be placed inside the envelope.

a. This includes original design rockets. For original design rockets, the exhibitor must provide all necessary details to construct the rocket, require the rocket to be swing tested, and documented to show a stable flight. Failure to test and document flight stability following modifications will result in two ribbon placing deductions.

b. If a rocket kit has been modified structurally, notations need to be given indicating the changes made, either by notations on the Rocket Exhibit Information Form or by placing notes in the plans. Such modifications require the rocket to be swing tested and documented to show a stable flight. Failure to test and document flight stability following modifications will result in two ribbon placing deductions. A different paint scheme, changes/reduction in decals, and other non-structural changes are not considered modifications and do not need to be documented.

5. One or more photographs of the rocket during construction and at the launch site are required. a. Photographs showing the rocket at the moment of ignition are preferred.

b. Photographs must be mounted on one side of 8 ½” x 11”page(s).

c. There must be at least 1 page of photos and no more than 5 pages of photos.

d. Include at least one photo showing rocket construction, preferably with the exhibitor included.

e. Do not include photos of members catching their rockets as they return to earth. This is an unsafe practice, and we do not recommend or condone this practice.

- f. Pictures at the launch site are not required in the event of a burn ban.
6. To exhibit in this division:
- a. The rocket must have been flown, unless a burn ban is in effect.
  - b. Support rods must not extend past the tip of the highest nosecone on the model.
  - c. Support rods must remain in the upright position, 90 degrees to the display base, do not angle. If support rods are not perpendicular to the base, the judge should deduct two ribbon placings.
  - d. No model may be submitted on a launch pad.
7. Launches should not be conducted in winds above 20 mph, and will constitute a disqualification of rocket exhibit.
8. All rockets must have a safe method of recovery, e.g., parachute, streamer or tumble recovery. Any rocket without a recovery system will be disqualified.
9. The altitude achieved by the rocket is to be determined using a method other than estimation. Examples of accepted methods include altimeter, computer software, range finders, etc. If additional space is needed to show calculations of how the altitude was achieved one additional page may be added to the rocketry information pack.
10. Flight damage is to be documented by the participant on either the construction plans or the 4-H STEM Rocket Exhibit Information Form.
11. The judging of flight damage is to be secondary to all other aspects of the model and only then may it even be considered. However under no circumstance may flight damage be grounds for disqualification.
12. Engines and igniters, under any circumstance, ARE NOT permitted with the exhibit and constitute an immediate disqualification.
13. If an engine becomes stuck, jammed, wedged, or in any other way permanently affixed in or to a rocket and can not be removed from the rocket, the rocket will be subject to immediate disqualification. This is because it is not possible to make a full and immediate assessment of the safety of the rocket when it is being judged and safety is paramount.
14. Engines may not be used as display stands hollowed out or otherwise. This is a significant change from previous year's rules. Engines used as a display stand will be subject to immediate disqualification.
15. Rocket engines should not be used to join multi-stage rockets together.
- a. Multi-stage rockets can be displayed without having the stages connected together. In that case the final stage (the one with the nose cone) should be placed on the display stand, and other stages with a loop of string to the display stand.
  - b. The different stages must be included to complete the rocketry exhibit, incomplete exhibits will be deducted at least one ribbon placing.
  - c. Use of any engines to join the stages together will be subject to immediate disqualification.
16. Multi-stage rockets can be flown using just the final stage and be considered fully flown.
17. If a safety violation is noted by the judges, superintendent, or other staff, the exhibitor's rocket, at the judges' discretion, will receive a participation ribbon. All information necessary will be given to the NAR and

TRIPOLI for investigation and possible revocation of membership.

18. To exhibit in this division:

- a. The rocket must have been flown unless a burn ban is in effect.
- b. Support rods must not extend past the tip of the highest nosecone on the model. This reduces the likelihood of eye pokes.
- c. Support rods must remain in the upright position, 90 degrees to the display base, do not angle. Support rods may be angled if the rocket itself still remains in the upright position, for example if engine tubes are slanted and the best form of support for the rocket is to use an angled support post. If support rods are the rocket is not perpendicular to the display base, the judge should deduct two one ribbon placings.
- d. No model may be submitted on a launch pad

19. Launches should not be conducted in winds above 20 mph and will constitute a disqualification of rocket exhibit.

20. All rockets must have a safe method of recovery, e.g., parachute, streamer or tumble recovery. Any rocket without a recovery system will be disqualified.

21. The altitude achieved by the rocket is to be determined using a method other than estimation. Examples of accepted methods include altimeter, computer software, range finders, etc. If additional space is needed to show calculations of how the altitude was achieved one additional page may be added to the rocketry information pack.

22. Flight damage is to be documented by the participant on either the construction plans, an additional sheet of paper titled "flight damage" or the 4-H Rocket Exhibit Information Form.

23. The judging of flight damage is to be secondary to all other aspects of the model and only then may it even be considered. However, under no circumstance may flight damage be grounds for disqualification.

#### **Construction Rules for ALL Rockets:**

**Purpose: These rules apply to the construction of all rockets displayed in the STEM division.**

1. Rockets are to be properly assembled according to the assembly instructions.
2. Beginner kits with prefabricated (molded plastic) fin assemblies and pre-finished rockets requiring no painting are not acceptable at the State Fair, and will be disqualified.
  - a. This rule does not apply to plastic fins that must be manually aligned and do not utilize a fin alignment mechanism, including, but not limited to fin alignment rings or spacing blocks.
  - b. This rule does not apply to fiberglass, Kevlar, composite, or wood fins; especially when used for "through-the-wall" fin attachment techniques that are common in larger rockets.
  - c. In addition, plastic parts for decorative and mechanical purposes (i.e. decorative nozzles and moving landing struts) are not considered fins and can consist of plastic. Decorative nozzles, etc. need to be securely fastened and not pose a safety hazard.
  - d. Fin assemblies that are printed using a 3D printer are excluded from this rule. Through detailed instructions on the creation of the fin assemblies must be provided and an additional page of photos may be included to show the creation/printing of fin assemblies.
3. Angles of fins must fall within a plus or minus 2 degree variation using an approved fin alignment guide (such as KSSTAC10). An official fin guide is available from <http://rocketry.engtech4ks.com/>
4. Fins should be rounded or streamlined according to instructions. Additionally, other exposed fin edges can be

rounded, unless the directions specifically say to leave the flat. Quality fin rounding, beyond that described in the instructions, should not result in a ribbon deduction.

5. Fins and body tubes are to be sealed with filler, sanding sealer and/or primer to eliminate the appearance of body grooves and woodgrain.

6. Fins and launch lugs are to be filleted to reduce drag and properly secure them to the model.

7. Engine mounts are to be securely attached to the body tube.

8. Any seams on plastic parts are to be sanded smooth.

9. Body tubes/airframes/engine mounts can be made from suitable materials, including, but not limited to: reinforced paper, cardboard, phenolic resin, specialized polymer resins, fiberglass, Kevlar, or other suitable structural materials. However, foam may not be used for external body or other external rocket parts.

10. The nose cone is to fit snugly but still allow for easy removal. If the shock cord frequently becomes stuck between the nosecone and body, it should be trimmed.

11. Exhibits must be uniformly painted and smoothly finished or finished as per rocket instructions, and have decals applied smoothly. The rocket should be free of “runs,” “orange peel,” or “crackling” in the finish.

12. Non-standard surfacing (such as textured paint) may be used if directed by the instructions, this includes scratch built rockets.

13. Models may not be judged based on their paint scheme (colors and placement on the rocket), with the exception of rockets that fit the definition of a “scale model.” All other rockets do not have to follow the suggested paint scheme, allowing the 4-Her to display maximum creativity in the finishing of their rocket. a. Under no circumstances is the weight given to the paint scheme to be sufficient enough, by itself, to move the model from one ribbon placing to another.

14. “Scale models” exhibited in the scale mode class, may be judged based on their paint scheme. The judge may deduct up to one ribbon placing for not following the paint scheme.

15. Scale Model Rockets exhibited in the scale mode class, are to be finished and completed with a majority (greater than 70%) of decals.

### **Model Rocketry Specific Guidelines (ages 7 and up):**

Purpose: Model rockets are generally small-to-medium sized rockets that can be purchased at hobby stores that an individual(s) builds from parts similar to those found in model rocket kits.

1. Rockets classified as high or mid powered may not be entered in this category.

2. Each rocket must be able to stand freely by itself or be supported by a solid base, not to exceed 4-1/4” (four and one-quarter inch) thick and 8” square. The exhibitor’s name, county or district, and age must be labeled on the base. Rod materials should be sturdy, and not made of flimsy materials, such as coat hangers.

3. If the model rocket is greater than 4 feet tall it can be displayed without a base, or displayed parallel to the ground with up to 3 notched blocks not to exceed 4” in height width and depth. The exhibitor’s name, county or district, and age must be labeled on the top.

4. All exhibitors must comply with the NAR Model Rocket Safety Code that is in effect as of October 1st of the current 4-H year. However in the event that there is a modification in this code, the Engineering and Technology Project Partnership Team may review and implement the modified code.

### **Original Design Specific Rocket Guidelines (ages 11 and up):**

Purpose: To allow for youth to develop their own rockets (model, mid, and high powered) in a safe manner that displays maximum craftsmanship.

1. Original design rockets cannot be a modification of a pre-existing kit and must be of original design.
2. Original design rockets must be designed by the exhibitor(s).
3. Original design rockets must include detailed instructions, so that someone could construct the original designed rocket just like a kit purchased at a store. Instructions can be as many pages as needed to convey full and complete construction techniques.
4. Original design rocket instructions should not include copies of instructions in part or in whole from existing kits without crediting the source instructions. For example, "Fin alignment template from Estes Baby Bertha."
5. For a rocket entered in the original design classes, describe in the summary how the rocket was tested for stability prior to flying. Swing testing of the rocket is required. Other tests and calculations are strongly encouraged. Exhibitors must include documentation of the swing test. Failure to swing test a rocket will result in a deduction of TWO ribbon placings.

### **Division A -Exhibitors 7 through 13 years old**

Class 3600 Rocket made from kit. Include plans.

Class 3601 Scale Model Rocket. Made from kit, includes plans.

### **Division B -Exhibitors 11 through 13 years old (7-10 year olds may not enter in this class)**

Class 3602 Rocket designed by exhibitor; not merely a modification of an existing kit.

Include original plans.

Class 3603 Scale Model Rocket designed by exhibitor: not merely a modification of an existing kit. Include original plans and stability testing.

### **Division C -Exhibitors 14 years and older**

Class 3604 Rocket made from kit. Include plans.

Class 3605 Rocket designed by exhibitor; not merely a modification of an existing kit.

Include original plans.

Class 3606 Scale Model Rocket made from kit. Include plans.

Class 3607 Scale Model Rocket designed by exhibitor: not merely a modification of an existing kit. Include original plans and stability testing.

### **Division D -Exhibitors-Team built 11 years and older**

This class is designed to encourage teamwork among individuals and clubs to work on a rocket from the initial design to the finished product.

Class 3608 Rocket designed by 2 or more exhibitors; not merely a modification of an judging of rockets that meet the requirements of 4-H high power rockets.

### **Mid-power Rocketry (2x'D' to 'G' Engines) Guidelines:**

Purpose: To allow for improved safety and judging of rockets that meet the requirements of 4-H mid- power rockets.

1. Exhibitors must be at least 14 years of age by January 1 of the current year.
2. The rules for ALL categories apply.
3. In addition to the information packet completed for all rockets, a high/mid power information form is to be completed and placed inside of the information packet. This may be downloaded from <http://www.kansas4-H.org/>.
4. Exhibitors in this division must hold memberships in either NAR or Tripoli organizations.
5. The NAR Model Rocket Safety code applies to the construction and launching of all rockets displayed in this division. As such all exhibitors must comply with the NAR Model Rocket Safety Code that is in effect as of October 1st of the current year. However in the event that there is a modification in this code the Engineering and Technology Project Partnership Team may review and implement the modified code.
6. All rockets in this division are to be launched under adult supervision by the 4-H member who constructed the rocket.
7. High power rockets as defined above ('H' or 'I' engines) may not be launched in this division.
8. If according to Federal Aviation Regulations Part 101, a waiver is required to fly the rocket, a copy of that waiver is to be attached to the High Power Information Form. In the case where the launch was a public event a substitute to a copy of the waiver is the Range Safety Officers (RSO's) contact information, launch location and date.
9. Mid- Power rockets may be displayed without a supporting stand. If a supporting stand issued, it is not to exceed 4-1/4" (four and one-quarter inch) thick and 8" square. The exhibitor's name, county or district, and age must be labeled on the base.

Division E- Exhibitors 14 years and older

Class 3609 Mid-power rocket made from kit or original design.

### **High Power Rocketry ('H' or 'I' engines) Guidelines:**

Purpose: To allow for improved safety and judging of rockets that meet the requirements of 4-H high power rockets.

1. Exhibitors must be at least 14 years of age by January 1 of the current year.
2. The rules for ALL categories apply.

3. In addition to the information packet completed for all rockets, a high power information form is to be completed and placed inside of the information packet. This may be downloaded from <http://rocketry.engtech4ks.com/>.
4. Exhibitors in this division must hold membership in either NAR or Tripoli organizations.
5. The NAR High Power Rocket Safety Code applies to the construction and launching of all rockets displayed in this division. As such all exhibitors must comply with the NAR High Power Rocket Safety Code that is in effect as of October 1st of the current 4-H year. However in the event that there is a modification in this code the Engineering and Technology Project Partnership Team may review and implement the modified code.
6. All rockets in this division are to be launched under adult supervision by the 4-H member who constructed the rocket.
7. For rockets launched using an engine(s) that have 160.1 ('H' engine or equivalent amount of smaller engines) Newton's-seconds or larger, adult supervision must be provided by an individual having at least a level 1 high power certification. The 4-H member should also hold or be attempting to attain their level 1 high power certification, and should include supporting documentation of such (a copy of Level 1 card is sufficient).
8. If according to Federal Aviation Regulations Part 101, a waiver is required to fly the rocket, a copy of that waiver is to be attached to the High Power Information Form. In the case where the launch was a public event a substitute to a copy of the waiver is the Range Safety Officers (RSO's) contact information, launch location and date.
9. High Power Rockets may be displayed without a supporting stand. If a supporting stand is used, it is not to exceed 4-1/4" (four and one-quarter inch) thick and 8" square. The exhibitor's name, county or district, and age must be labeled on the base.

#### **Division F -Exhibitors 14 years and older**

Class 3610 High power rocket made from kit or original design.

#### **Educational Exhibits Rules**

1. For notebooks, display boards, and posters, no additional exhibit information is required; no manila envelope is needed for these exhibits.
2. Exhibits are to have a **clear link to the Engineering and Technology area rocketry.**
3. Exhibits in posters, notebooks and display boards must contain substantial supporting educational materials.
4. Educational display boards, posters and notebooks should be creative and showcase details about the knowledge learned in the project during the current 4-H year. Value is placed on youth who can demonstrate how their skills have increased while completing the project. Each exhibit will be judged on uniqueness, creativity, neatness, accuracy of material, knowledge gained, and content. An exhibit judging score sheet available at <http://rocketry.engtech4ks.com/>. For example, a rocket that may have crashed and/or is highly damaged may be made into an educational display or poster that tells a great story with many lessons learned.
5. Follow copyright laws, citing all sources of information in a standard notation Sources of information must be cited on the front of your exhibit, including all posters and educational display boards.
6. Educational displays are not to exceed 4' high X 3' wide X 2' deep. No card table exhibits will be allowed. Care should be taken to use durable materials that will withstand Kansas State Fair conditions. Posters are limited to commercial 3' X 4' tri-fold display boards.

7. “Construction Kits” that are part of Educational displays must be contained in cases (tackle boxes, sealable containers, etc.) that may not be larger than 1’ x 2’ x 2’ and must have a latch which securely keeps all components contained in the “Construction Kits”. Other components are to adhere to appropriate dimensions as stated elsewhere.

8. Educational Project notebooks must be organized in a 3-ring binder.

9. Any three-dimensional poster or display board exhibits may not be thicker than 2 inches.

10. Engines and igniters for rockets ARE NOT permitted with the exhibit and constitute an immediate disqualification. This is for safety reasons and includes both spent and live engines.

11. Exhibitor’s name, Extension Unit, age, and year(s) in project must be tagged or labeled in a prominent location on the, notebook, and/or “Construction Kit.” For education displays and/or posters the exhibitor’s name, county, or district, age, and year(s) in project must be tagged or labeled on the back of the exhibit. Exhibit cards are not sufficient as they may be removed or repositioned for display. Failure to label an exhibit may result in one ribbon placing deduction.

12. Exhibits should possess the following qualities (in no particular order): a. A Central theme

b. What you want others to learn

c. Be designed and constructed in a manner befitting the exhibit

d. Be something you are interested in

13. If a safety violation is noted by the judges, superintendent, or other staff, the exhibitor’s exhibit, at the judge’s discretion, will receive a participation ribbon.

14. Posters, Notebooks, and Display Boards may be checked out for use in a Kansas State Fair 4-H demonstration or illustrated talk with prior permission. For permission, check with the superintendent(s). The exhibit must be returned to display immediately after the demonstration/illustrated talk, or the exhibit will be disqualified.

**As defined by the National Association of Rocketry (NAR), a scale model is “any model rocket that is a true scale model of an existing or historical guided missile, rocket vehicle, or space vehicle, that has flown under rocket power.” The intent of scale modeling is, according to the NAR, “is to produce an accurate, flying replica of a real rocket powered vehicle that is judged for craftsmanship in construction, finish, and flight performance.” (NAR “Model Rocket Sporting Code” 52.1 <https://www.nar.org/contest-flying/competition-guide/> )**

### **Educational Displays – Aerospace/Rocketry**

#### **Rocketry – Intermediate Division (Ages 9 – 13)**

3611 Rocketry Educational Display

3612 Rocketry Notebook

3613 Rocketry Poster Board

#### **Rocketry – Senior Division (Ages 14 years and older)**

3614 Rocketry Educational Display

3615 Rocketry Notebook

3616 Rocketry Poster Board

# 4-H UNCREWED AIRCRAFT SYSTEM

## Superintendents

Osage City: Jeff Whitmer

Overbrook: Jamie Guenther and Libby Thompson

Junior:

1. The 4-H members must be currently enrolled in the 4-H project to exhibit in this division.
2. Each exhibitor may enter one exhibit per class. Exhibits must have been completed during the current 4-H year.
3. The information that accompanies the UAS must be limited to the 4-H Engineering & Technology Exhibit Information Form which is affixed to a 10" X 13" envelope, This envelope should NOT be attached to the UAS. This may be downloaded from <http://rocketry.engtech4ks.com/> Any UAS exhibit not including this completed envelope will receive an automatic participation ribbon.
4. Exhibitor's name, county or district, age, and years(s) in project must be tagged or labeled in a prominent location on the exhibit, educational display, notebook, and/or poster.
5. Unmanned Aircraft Systems that include or depict weaponry of any kind will be disqualified.
6. See the last section for full details about exhibiting posters, display boards and notebooks.
7. If modifications are made to the exhibit a page should be attached noting those modifications
8. If a safety violation is noted by the judges, superintendent, or other staff, the exhibitor's exhibit, at the judges' discretion, will receive a participation ribbon.

### Division A – Junior, 9-13 years old

- Class 3620 Unmanned Aircraft System designed and constructed by exhibitor that is operated by a remote controlled device. The UAS must not be a mere modification of an existing kit or plan. You may not exhibit a UAS that is purchased off the shelf in this class.
- Class 3621 Practical application of an Unmanned Aircraft System constructed from a commercial (purchased) kit. This includes the UAS, plus one or more of the following: video, notebook, poster, display board, etc. This class is separate from educational exhibits. A tangible use would be mapping Russian olive trees, eroded soils, and bindweed in fields, etc. There are also many other non-agricultural UAS uses that would be appropriate for this class.

### Division B – Senior, 14 years and older

- Class 3622 Unmanned Aircraft Systems designed and constructed by exhibitor that is operated by a remote controlled device. The UAS must not be a mere modification of an existing kit or plan. You may not exhibit a UAS that is purchased off the shelf in this class.
- Class 3623 Practical application of an Unmanned Aircraft System constructed from a commercial (purchased) kit. This includes the UAS, plus one or more of the following: video, notebook, poster, display board, etc. This class is separate from educational exhibits. A tangible use would

be mapping Russian olive trees, eroded soils, and bindweed in fields, etc. There are also many other non-agricultural UAS uses that would be appropriate for this class.

### **Uncrewed Aircraft Systems - Intermediate Division – 7-13 years old**

Class 3624 Junior Uncrewed Aircraft Systems Educational Poster

Class 3625 Junior Uncrewed Aircraft Systems Display Board

Class 3626 Junior Uncrewed Aircraft Systems Notebook

### **Unmanned Aircraft Systems - Senior Division – 14 years and older**

Class 3627 Senior Uncrewed Aircraft Systems Educational Poster

Class 3628 Senior Uncrewed Aircraft Systems Display Board

Class 3629 Senior Uncrewed Aircraft Systems Notebook

### **Educational Exhibits Rules**

1. For notebooks, display boards, and posters, no additional exhibit information is required; no manila envelope is needed for these exhibits.
2. Exhibits are to have a **clear link to the Engineering and Technology area of uncrewed Aircraft systems.**
3. Exhibits in posters, notebooks and display boards must contain substantial supporting educational materials.
4. Educational display boards, posters and notebooks should be creative and showcase details about the knowledge learned in the project during the current 4-H year. Value is placed on youth who can demonstrate how their skills have increased while completing the project. Each exhibit will be judged on uniqueness, creativity, neatness, accuracy of material, knowledge gained, and content. An exhibit judging score sheet available at <http://uas.engtech4ks.com/>. For example, a rocket that may have crashed and/or is highly damaged may be made into an educational display or poster that tells a great story with many lessons learned.
5. Follow copyright laws, citing all sources of information in a standard notation Sources of information must be cited on the front of your exhibit, including all posters and educational display boards.
6. Educational displays are not to exceed 4' high X 3' wide X 2' deep. No card table exhibits will be allowed. Care should be taken to use durable materials that will withstand Kansas State Fair conditions. Posters are limited to commercial 3' X 4' tri-fold display boards.
7. "Construction Kits" that are part of Educational displays must be contained in cases (tackle boxes, sealable containers, etc.) that may not be larger than 1' x 2' x 2' and must have a latch which securely keeps all components contained in the "Construction Kits". Other components are to adhere to appropriate dimensions as stated elsewhere.
8. Educational Project notebooks must be organized in a 3-ring binder.
9. Any three-dimensional poster or display board exhibits may not be thicker than 2 inches.
10. Exhibits should possess the following qualities (in no particular order):
  - a. A central theme
  - b. What you want others to learn
  - c. Be designed and constructed in a manner befitting the exhibit
  - d. Be something you are interested in
11. If a safety violation is noted by the judges, superintendent, or other staff, the exhibitor's exhibit, at the judge's discretion, will receive a participation ribbon.
12. Posters, Notebooks, and Display Boards may be checked out for use in a Kansas State Fair 4-H demonstration or illustrated talk with prior permission. For permission, check with the superintendent(s). The

exhibit must be returned to display immediately after the demonstration/illustrated talk, or the exhibit will be disqualified.

**Uncrewed Aircraft System – Intermediate Division (Ages 7 – 13)**

3630 Intermediate Uncrewed Aircraft System Educational Poster

3631 Intermediate Uncrewed Aircraft System Display Board

3632 Intermediate Uncrewed Aircraft System Notebook

**Uncrewed Aircraft System – Senior Division (Ages 14 years and older)**

3633 Senior Uncrewed Aircraft System Educational Poster

3634 Senior Uncrewed Aircraft System Display Board

3635 Senior Uncrewed Aircraft System Notebook

## 4-H WILDLIFE

Osage City: Jeff Whitmer

Overbrook: Jamie Guenther and Libby Thompson

Junior:

1. 4-H members may make only one entry in this division.
2. **EXHIBITORS MUST COMPLY WITH STATE AND FEDERAL LAWS. It is illegal to possess threatened or endangered wildlife, or the feathers, nests or eggs of non-game birds. Game birds and game animals taken legally during an open season may be used. The use of live wild animals in educational exhibits is prohibited.**
3. Name, county or district, age and year in project should be in a prominent location on the exhibit.
4. KSRE, 4-H Youth Development and the Osage County Fairboards are not responsible for damage during the exhibition period.
5. Exhibits in this division are open to educational displays, promotional posters, or experiential displays. Exhibits should reflect learning in the project area. Follow copyright laws as explained in the General Rules as you are preparing your exhibit. Take care to select durable materials to withstand State Fair conditions.
6. Wildlife exhibits that reflect harvesting of wildlife must follow National Minimum Standards and Best Practices <https://4-hshootingsports.org/wp-content/uploads/2024/01/12.13.23-Minimum-Standards-Update.pdf> and Kansas 4-H Shooting Sports Handbook [https://bookstore.ksre.ksu.edu/pubs/kansas-4-h-shooting-handbook\\_4H1101.pdf](https://bookstore.ksre.ksu.edu/pubs/kansas-4-h-shooting-handbook_4H1101.pdf) and Kansas Fish and Game laws. Exhibits outside these standards will be disqualified.
7. The exhibit size rule will be strictly enforced. Exhibits exceeding the size guidelines will be disqualified. Maximum exhibit size for all exhibits in this division is 4'X6'. Larger exhibits will be turned away.
8. Educational Display: must be the standard tri-fold board ONLY, must not exceed standard tri-fold: 3'x4' unless there is a topper that sits on top of the board and does not take up additional table space; no additional table space available for promotional brochures or display items; content not to exceed display board borders.
9. Posters: must be flat and no larger than 22"x30"; content not to exceed display board borders. Exhibits may be displayed on wall.
10. Notebooks: no larger than 8 ½" x 11".
11. Exhibits must not display, describe, or depict firearms or firearm components that are not allowed by 4-H Shooting Sports National Minimum Standards.
12. Exhibitors must comply with state and federal laws and Kansas State Fair Management.

13. No “live” ammunition containing propellant or explosive powders may be used in any display. An inert substitution must be used in lieu of powder and “live” ammunition, the substitution must be clearly described on the back of the poster, display or in a notebook.
14. The Kansas State Fair nor the department of 4-H Youth Development, KSRE are liable for the loss or damage of any personal property included as part of your poster, display or notebook.
15. Name, county or district, age and year in project should be on the back of the poster, display or notebook unless special arrangements are made because of declination of publicity release.
16. Exhibit topics regarding firearm care, handling, and shooting will only be accepted from Extension Units with 4-H Certified Shooting Sports Programs and enrolled 4-H youth in the specific Shooting Sports Project.
17. Exhibits will not be accepted if they are related to reloads.
18. Taxidermy: The exhibitor is responsible for following all laws, rules, and regulations, and when licenses, tags, etc, are required, to include those and/or the information required with the exhibit. For taxidermy please reference hunting and furbearer laws for Kansas. <https://ksoutdoors.gov/Hunting/Hunting-Regulations/Furbearers>

### **Display/Notebook Classes**

3650 Notebook. Contents pertain to some phase, results, story or information about the wildlife project.

3651 Promotional Poster. Must be related to something learned in the wildlife project. (Flat poster board or foam board no larger than 22” x 28”).

3652 Educational Display. Must be directly related to the wildlife project. Maximum tri-fold size is 3’ x 4’.

### **Experiential/Other Classes**

**3653 Fish Harvesting Equipment** - (SF168) - Board exhibit. Display of equipment used in fish harvesting. Examples: fishing knots, hooks (with corks over ends for safety), lures. Label all items displayed. Include in your exhibit the following information: the purpose of each item, when or where each item is used.

**3654 Build a Fishing Rod** - (SF169) - A fishing rod educational exhibit may not exceed 96 inches in length. Exhibit must be mounted on a board . Include with the exhibit: Explanation of cost of materials/components and how many number of hours required for construction. Label all parts. Necessary components which must be included are grip, line guides (based on manufacturers specifications), guide wraps, and hook keeper. Reel seat needs to be aligned with guides, and guides aligned accurately down rod. Guide wraps of size A to D, nylon or silk thread. Exhibit will be judged on: workmanship, labeling of parts, information, and neatness.

**3655 Casting Target** - (SF170) - Make a casting target for exhibit and use. Target must be under 48" x 48". The bullseyes must be 2 feet, outer band must be 1 foot in diameter and can have up to 3 rings. The exhibit must be easy to store, durable, and weather resistant. Include the purpose and rules of using your casting target.

**3656 Wildlife Harvesting Equipment** - (SF171) - Board Exhibit. Display of equipment used in harvesting wildlife. Examples: expended ammunition casings (no live ammunition permitted), steel traps, hide stretchers, fleshers, etc. For displays of shotguns, rifles, or bows, use drawings or pictures. Label all items displayed: the purpose of each item, when or where it is used and personal experiences with the item.

**3657 Inventing Wildlife/Fish Harvesting Equipment, Aid or Accessory** - (SF168) - Use engineering principles to invent or adapt equipment that helps you harvest fish or wildlife. This could include wildlife calls, adapted fishing pole for shallow water, a blind, decoys, etc. Share your drawing (or adapted plans), how the equipment works, how you tested it, and the results of testing your prototype, and any adjustments you made.

**3658 Tanned Hides** - (SF172) - Exhibit of a wild animal hide properly processed by the member. If not mounted, must be in a clear clothing bag with hanger. al field experiences, study, OR observations that relate to the exhibit.

**3659 Taxidermy** - (SF172) - Any legal fish, bird, or other wild animal properly processed by the member. No requirement as to mounting. Include the animal's name and the following: information about the exhibitor's personal field experiences, study, OR observations that relate to the exhibit.

**3660 Wildlife Tracks** - (SF158) - Board or diorama-type box exhibit. Make a display of animal tracks using plaster-of-paris casts. There are 3 options. For all options, include a brief description of your experiences in making the tracks so the judges better understand what you did and learned. Positive casts (impressions as they would be in nature) are preferred. - Option 1 should show plaster-of-paris tracks of five or more kinds of wildlife along with a picture or illustration of each kind of animal. (OR) - Option 2 should show two or more plaster-of-paris tracks of one specific kind of wildlife and should include a picture or illustration of the animal, what the animal may eat, and what may eat the animal. (OR) - Option 3 should show two tracks and include the animal's habitat needs including preferred food, shelter, water, and space in addition to picture or illustration of the animal.

**3661 Wildlife Knowledge Check** - (SF159) - Use electrical circuits, pictures, or other methods of teaching wildlife identification or other wildlife conservation or shooting sports related knowledge. Plan size and shape to fit transportation and display; maximum size 24 x 24 inches.

**3662 - Houses** - (SF165) - Make a house for wildlife. Examples: bird house (bluebird, purple martin, wood duck, kestrel, barn owl, etc.) or bat house; no insect houses. Make the house functional so that dimensions, hole size etc. are appropriate to fit the intended species' needs. Include the following information: 1) the kinds of animal(s) for which the house is intended, 2) where and how the house should be located for best use, 3) any seasonal maintenance needed, and 4) any evidence of your personal observations from experiences.

**3663 Feeders/Waterers** - (SF166) - Make a bird bath or feeder. Examples: seed, suet, or nectar feeders.

Squirrel feeder okay; **no insect feeders**. Include the following information: 1) the kinds of animal(s) for which the water/feeder is intended, 2) where are how the water/feeder should be located for best use, 3) any seasonal maintenance needed, and 4) any evidence of your personal observations or experiences.

## 4-H WOODWORKING

**Osage City: Dustin Stucky Junior: Brody Thompson, Kooper Bond**

**Overbrook: Burlingame 4-H Club**

1. Each exhibitor is limited to one article per class.
2. The plan from which the exhibit was constructed must be with the article. The plan may be a photocopy, the actual pattern, or a scale drawing. It must be complete and accurate to the extent that a duplicate article could be built using the plan as a guide. **PLEASE NOTE: A SET OF STEP BY STEP INSTRUCTIONS IS NOT A PLAN.**
3. Any project that has glass that is not secured, i.e., glass shelves, glass top of a coffee table, etc., should not be brought to the fair. Glass that is secured in the project, i.e., glass front of a gun case or cabinet, etc., is permissible since it cannot be removed from the project.
4. The entry card, plans and all other paperwork should be enclosed in a zip top plastic bag with a hole punched through it and tied or otherwise secured to the project in some manner. Tape is usually not adequate to accomplish this.
5. Refinished/repainted furniture should be exhibited in Home Environment.
6. Projects made from pre-cut kits are not allowed.
7. In judging woodwork articles, consideration will be given to Workmanship, including accuracy to the plan;

Design; Choice of wood; Suitability and quality of finish; and usefulness.

8. Firearms and weapons are not to be entered or displayed.

9. Projects with missing or insufficient plans will be lowered one ribbon placing (i.e. a blue ribbon exhibit will receive a red ribbon).

10. Extra pieces that go with your woodworking project (i.e. bean bags to go with a cornhole set, building blocks to go with a play table, etc.) SHOULD NOT be submitted with the project.

11. NEW 2025 – Projects with “fractal burning” are NOT ALLOWED in any Kansas State Fair Exhibits in the 4-H Youth Development Department. (Example – electrical burning to make black linework on artwork.) This is in agreement with The American Association of Woodturners (AAW).

Junior, Intermediate and Senior 4-H members may enter any woodworking item of their choice in the appropriate age division class. This allows exhibitors to showcase creativity, craftsmanship, and skills appropriate to their age and experience rather than selecting from specific categories.

Class 3700 Junior (Ages 7-9)

Class 3701 Intermediate (Ages 10-13)

Class 3702 Senior (Ages 14 and older)

## OSAGE COUNTY 4-H COOKIE JAR CONTEST

**Osage City: Kathi Webster Junior: Allie Kneisler**

**Overbrook: Claudia Craig**

Each county-wide 4-H Community Club or county-wide 4-H Project Club are encouraged to make one entry in the 4-H Cookie Jar Contest. The cookie jars can be displayed at the Osage City Osage County Fair, and the Overbrook Osage County Fair. New cookies should be prepared for each fair.

The Overbrook Osage County Fair will sell the top three jars at their Livestock Auction. **Proceeds will go to the Osage County 4-H Council.** Cookie jars will only sell at Overbrook, NOT at Osage City. Fresh cookie for the buyers are recommended prior to the sale for the top three jars as well.

Fancy assorted cookies in a clear glass, wide mouth attractively decorated jar of 1 gallon capacity.

1. Jar must be decorated using a theme of your own choice.
2. Decorations may not extend more than approximately 4 inches beyond the jar.
3. Cookies should be visible through at least 50% of the jar.
4. Decorations will count for 50% and quality of cookies for 50%.
5. Jar must be filled with not less than 5 different kinds of cookies, from different batters and dough.
6. Each cookie should be wrapped separately in clear plastic wrap.

7. In addition to the cookie jar, display one of each kind of cookie on a paper plate. Clearly identify and individually wrap each cookie, so that the judge will not need to open the cookie jar.

Class 4000 4-H Cookie Jar

## **BOY SCOUTS OF AMERICA**

### **Osage City: Marjorie Vaughan and Dorothy Christianson**

1. Competitive exhibition is open to all registered Boy Scouts in good standing. Limited to three (3) entries. Only 1 (one) entry is allowed in each class and the Scout can enter exhibits in only one classification (Tigers, Cubs, etc.) with the exception of Cubs who can exhibit in 02 and 03 and Webelos who can exhibit in 03 and 04. Classification for entries will be made on Scout registration for this current year.
2. Articles must have been made within the past year by the Scout and never previously exhibited at the Fair except for collections which may be exhibited more than once if new additions are made, labeled and dated.
3. Cookies and candy should include 6 pieces. All baked goods, candies & jellies & jams must have a typed recipe on 8 ½" X 11" sheet with name, address and phone number on bottom left corner.

Class BS100 Tiger Cubs - 01

Class BS200 Cub Section - 02

Class BS300 Cubs & Webelos Section - 03

Class BS400 Webelos - 04

Class BS500 Boy Scouts - 05

## **GIRL SCOUTS OF AMERICA**

### **Osage City: Marjorie Vaughan and Dorothy Christianson**

1. Competition is open to all registered Girl Scouts 5-18 years old.
2. Exhibit articles must have been made by the exhibitor since last year's Fair. Limited to three (3) entries.
3. Classification for entries will be made on Scout registration from the past year.
4. Canning: Use the updated USDA prescribed method.
5. Gardening entries must have been grown in Kansas by the person entering the exhibit.
6. Collections may be entered in consecutive years, provided new additions are dated.

**OPEN CLASS EXHIBITS**

**OPEN CLASS DUCT TAPE CONTEST**

**Osage City: Marjorie Vaughan and Dorothy Christianson**

1. Items may be made with any color duct tape.
2. Items must be created using 90% duct tape.
3. Each Exhibitor may enter only one item per class.
4. Create your own category is an opportunity to show creativity. Items should be made with a good clean wholesome nature. No vulgar or suggestive decorations will be allowed.

Judging Criteria

40%.....	Workmanship
30%.....	Creativity
20%.....	Appearance
10%.....	Difficulty

Class DT 100 Hat

Class DT 101 Purse/Wallet

Class DT 102 Clothing

**OPEN CLASS RECYCLING**

**Osage City: Marjorie Vaughan and Dorothy Christianson**

1. Recycled items could be an object that is being used for something else rather than its original purpose. Example: recipe box that had been made from other paper products.
2. If 3 or more persons enter the same recycling class item, a new class may be named.
3. **Osage Salvage and Recycling** will sponsor one Grand Champion for Juniors and one Grand Champion for Seniors for Osage City only.

**Division A - Jr. - 14 years old and under as of January 1, current year**

Class JRC1 Antiques

Class JRC2 Baking

Class JRC3 Clothing and Textiles (quilts, needlework, clothing, rugs)

Class JRC4 Crafts (ceramics, wreaths, woodworking, models, etc)

Class JRC5 Crocheting

Class JRC6 Farm Crops  
Class JRC7 Farm Mechanics  
Class JRC8 Fine Arts (painting, drawings, printmaking)  
Class JRC9 Floriculture  
Class JRC10 Food Preservation  
Class JRC11 Garden  
Class SRC9 Floriculture  
Class SRC10 Food Preservation  
Class SRC11 Garden  
Class SRC12 Knitting  
Class SRC13 Photography  
Class SRC14 Quilts

## **OPEN CLASS HORTICULTURE AND CROPS**

**Osage City : Jenny Tate, Donna Marie Anderson**

**Overbrook: North Osage 4-H**

1. Secure entry form to plate or container with string or tape.
2. All exhibits, except soybeans, must be grown by exhibitor this year. 1 entry per person per vegetable.
3. Please feel free to bring in any home grown garden produce and we will make a class for it.

In honor of Mary Lou Stromgren, a special award will be given at the Osage City Fair.

Class H0 Vegetable Garden Display

Each exhibitor in this class will be limited to four square feet of space. The Vegetable Garden Display should be exhibited in a tray, basket or container that can be easily moved by the fair staff.

The exhibit consists of five different fresh vegetables. Canned vegetables and shelled vegetables are not acceptable. Only one variety of each type of vegetable may be exhibited. The numbers of the five types of vegetables to be exhibited are as follows:

### **Large Vegetables– One Each**

Cabbage	Large Pumpkin
Cantaloupe	Squash
Eggplant	Watermelon

### **Medium Vegetables– Three Each**

Beets	Tomato	Sweet Potato
Okra	Decorative Gourds	Carrot
Potato	Mini Pumpkin	Cucumber
Peppers	Onion	

### **Small Vegetables– Six Each**

Green Snap Beans	English Peas
Wax Beans	Vegetable similar size

- Class H1 Small vegetable specimen plate (12) Ex: green snap beans, yellow wax beans, lima beans, other small vegetables.
- Class H2 Medium vegetable specimen plate (5) Ex: cucumbers -slicing, cucumbers  
- pickling, cherry tomatoes, red tomatoes, yellow tomatoes, canning tomatoes, beets, white onions, yellow onions, red onions, bell peppers, yellow banana peppers, Jalapeno peppers, other peppers, okra, parsnips, turnips, rhubarb, sweet potatoes, red potatoes, white or Russet potatoes, carrots, other medium vegetables.
- Class H3 Large vegetable specimen plate (1) Ex: watermelon, yellow summer squash, butternut squash, acorn squash, zucchini squash, baker & slicer zucchini, pumpkin, eggplant (2), cabbage, cantaloupe, honey dew cantaloupe, pumpkin, other large vegetable.
- Class H4 Fresh Culinary herbs (6) Ex: parsley, basil, dill, etc. Six stems (or a comparable quantity) of ONE VARIETY of fresh herbs exhibited in a disposable container of water. Dried herbs are not accepted.
- Class H5 Small fruit specimen plate (Ex. - 5 bunches of grapes - white, light, or dark varieties; ½ pint box - strawberries, raspberries, etc.)
- Class H6 Medium fruit specimen plate (Ex. - 5 apples (Delicious, Jonathan and other varieties - judged together), 5 peaches, 5 plums, 5 pears, etc.)
- Class H7 Largest tomato
- Class H8 Largest pumpkin

Class H9	Plate of 3 ornamental (small) pumpkins
Class H10	Largest watermelon
Class H11	Largest cantaloupe
Class H12	Plate of 3 gourds
Class H13	Plate of 5 garlic
Class H14	Largest zucchini
Class H15	Miscellaneous

## Grains

1. Products exhibited in this division must have been grown in the current year, with the exception of soybean seed and edible field bean seed.
2. Exhibits should be as mature as possible.
3. May exhibit a maximum of one entry per class.
4. Every entry must be identified by hybrid or variety name.
5. All classes calling for a gallon sample may have a 2 ½" to 3" in diameter cylinder placed in a glass gallon container to reduce the amount of grain to about three quarts.

### **Corn-Ten Ear Exhibit**

Class H21	White. Variety or hybrid must be named.
Class H22	Yellow. Variety or hybrid must be named. <b>Sorghum-Ten Head Exhibit</b>
Class H23	Hybrid grain sorghum. Hybrid must be named.
Class H24	Hybrid forage sorghum. Exhibit to consist of the entire plant; no roots. Hybrid must be named.
Class H25	Other forage sorghums. Exhibit to consist of the entire plant; no roots. Variety must be named.

### **Wheat-One Gallon Sample**

Class H26	Soft red winter wheat. Variety or hybrid must be named.
Class H27	Hard red winter wheat. Variety or hybrid must be named.
Class H28	Hard white wheat. Variety or hybrid must be named.

### **Sunflowers**

Class H29	Confectionery heads. 3 heads must be submitted.
Class H30	Confectionery seeds in jar. 1 gallon jar must be submitted.

Class H31 Oil seed heads. 3 heads must be submitted.

Class H32 Oil seeds in jar. 1 gallon jar must be submitted.

Class H33 Largest sunflower head.

### **Other Crops**

Class H34 Oats: Exhibit to consist of one gallon sample. Variety must be named.

Class H35 Barley: Exhibit to consist of one gallon sample. Variety must be named.

Class H36 Alfalfa: Exhibit to consist of one gallon sample. Variety must be named.

Class H37 Alfalfa Hay: Exhibit to consist of one flake or slice from a rectangular bale, or a 10 inch section cut from a round bale. The flake or slice should be approximately 6 inches in thickness and tied in two directions. Variety must be named.

Class H38 Grass Hay: Ten inch flake or slice, 6 inches thick and tied in two directions. Variety must be named.

Class H39 Brome Grass: Exhibit to consist of one gallon sample of seed.

Class H40 Other Tame Grasses: Exhibit to consist of one gallon sample of seed.

Class H41 Soybeans: Exhibit to consist of one gallon sample of seed from most recent harvest. Variety must be named.

Class H42 Soybeans: Bundle of five plants from most recent harvest. Variety must be named.

Class H43 Edible field beans: Exhibit to consist of one gallon sample of seed from most recent harvest.

Class H44 Edible field beans: Bundle of five plants (with roots intact) from most recent harvest.

Class H45 Miscellaneous Crops: Exhibit to consist of one gallon sample of seed or 10 heads produced from current project. Variety must be named.

Class H46 Honey, combed.

Class H47 Honey, extracted, (3) - 2 lbs. Queenline jars.

### **Youth Under 15 Years of age**

1. Follow guidelines in open class horticulture and crops regarding entries.

Class H48 Small vegetable

Class H49 Medium vegetable

Class H50 Large vegetable

Class H51 Herb

Class H52 Small fruit

Class H53	Medium fruit
Class H54	Corn
Class H55	Sorghum
Class H56	Wheat
Class H57	Sunflower
Class H58	Other Crop

## **OPEN CLASS DOMESTIC ARTS**

Osage City: Michelle Martin

Overbrook: Jamie Guenther and Libby Thompson

1. Entries that have previously won premiums at any Osage County Fair will be graciously displayed, but will not compete for prizes.
2. Entries are to be brought by the person responsible for making the item unless arrangements are made with the fair Secretary.
3. There will be a limit of 5 entries per person, per class.
4. Classes have been made for the most popular items entered in recent years, additional classes will be made if 3 or more items are entered, otherwise they will be entered in the Misc. class for each division.
5. Articles must have been made within the last 3 years with the exception of wearing apparel classes which must have been made in the current year only.

### **Quilts**

Class A1	Best, oldest quilt (state year made)
Class A2	Quilt, Patchwork (hand)
Class A3	Quilt, Patchwork (machine)
Class A4	Quilt, Appliqué
Class A5	Quilt, Embroidered
Class A6	Quilt, Child's Crib
Class A7	Quilt, Creative or "just for fun"
Class A8	Quilts, Other
Class A9	Quilt Tops

- Class A10 Quilt for quilting only (white work)
- Class A11 Wall Hanging
- Class A12 Quilt by Organization or Family
- Class A13 Quilted Pillows
- Class A14 Miniature Quilts
- Class A15 Quilt Set (ex: shams and quilt)
- Class A16 Miscellaneous
- Class A17 Table Runner – Quilted
- Class A18 Table Topper - Quilted

### **Handiwork**

- Class A30 Table Place Mats (4 Table Service) any type
- Class A31 Pillowcases (with knitted or crocheted edges)
- Class A32 Pillowcases (1 pair) embroidered
- Class A33 Pillowcases, tatted
- Class A34 Pillowcases
- Class A35 Afghan, Crocheted or knitted
- Class A36 Afghan, Baby (crocheted or knitted)
- Class A37 Afghan, Knitted (adult)
- Class A38 Rugs
- Class A39 Rug, Braided
- Class A40 Rug, Crocheted
- Class A41 Rug, Unclassified
- Class A42 Doily
- Class A43 Best Dish Towels (3) any variety
- Class A44 Best Pot Holders (3) any variety
- Class A45 Crocheted Baby or Infant Item
- Class A46 Knitted Baby or Infant Item
- Class A47 Any Article, Knitting or Crocheting
- Class A48 Small Crocheted Piece

Class A49 Cowl or Scarf, Knitted or Crocheted

Class A50 Miscellaneous

### **Clothing**

Class A70 Children's Clothing

Class A71 Adult Clothing

Class A72 Dress for Adult

Class A73 Blouse

Class A74 Quilted Jacket

Class A75 Sweatshirt – Decorated

Class A76 Miscellaneous

Class A77 Purse

### **Fine Arts**

Class A80 Acrylic Painting

Class A81 Watercolor, Tempera, etc.

Class A82 Painting, Mix Medium

Class A83 String Art

Class A84 Macrame

Class A85 Charcoal or Pastel

Class A86 Wood Carving or Burning

Class A87 Barn Quilts

Class A88 Christmas Ornament

Class A89 Pencil & Ink Drawing

Class A90 Miscellaneous

Class A91 Oil Painting

### **Miscellaneous Fine Arts**

Class A100 Leather

Class A101 Needlepoint

Class A102 Latch Hook

Class A103 Crewel Embroidery

Class A104 Other Creative Stitchery

Class A105 Holiday or Seasonal Craft

Class A106 Applique'

Class A107 Weaving

Class A108 Paper Crafts

Class A109 Other

### **Counted Cross Stitch**

Class A120 Counted Cross Stitch

Class A121 Counted Cross Stitch Miniatures

### **Ceramics**

Class A130 Ceramics, Under glaze

Class A131 Ceramics, Glaze

Class A132 Ceramics, Over glaze

Class A133 Ceramics, Stained

Class A134 Ceramics

### **China**

Class A140 China Painting

### **Dolls**

Class A150 Dolls

### **Youth Art Work For youth under 15**

Class A160 Number Painted Pictures

Class A161 Hand-Painted Item

Class A162 Crocheted or Knitted items

Class A163 Paintings

Class A164 Drawing

Class A165 Ceramics

Class A166 Pottery

Class A167 Needlecraft

Class A168 Children's Photo

Class A169 Leather

Class A170 Latch Hook

- Class A171 Paper Crafts
- Class A172 Wood Crafts
- Class A173 Miscellaneous Crafts
- Class A174 Quilting

**Wheat Art (Overbrook Only)**

- Class A180 Article Handmade Using Wheat
- Class A181 Basketry

**Antique and Hobbies (Overbrook Only)**

- Class A190 Collection of China, 6 pieces
- Class A191 Collection of Glass, 6 pieces
- Class A192 Piece of Refinished Furniture
- Class A193 Collection, Such as Buttons, Salt & Pepper Shakers, Stamps, Coins, Rocks, Autographs, Etc.
- Class A194 Photography, Miscellaneous
- Class A195 Photography, Group of Pictures
- Class A196 Miscellaneous

**OPEN CLASS DOMESTIC SCIENCE**

Osage City: Janice Fager

Overbrook: North Osage 4-H

1. Food will be sold after judging with all proceeds to go to 4-H Council. **If you do not want to donate your baked goods, please instruct the superintendent to the effect upon entering.**
2. All food except pies must be on disposable plates and covered with a clear bag.
3. Entire product must be entered and uncut. Exhibit 3 cookies, 3 muffins, 3 rolls, etc.

**Bread & Rolls**

- Class S1 Loaf - Yeast White Bread
- Class S2 Loaf - Yeast Wheat Bread
- Class S3 Loaf - Yeast Rye Bread
- Class S4 Loaf - Yeast Miscellaneous
- Class S5 Variety Bread (yeast, french, holiday, raisin, oatmeal, etc.)
- Class S6 Loaf Quick Bread (non yeast, fruit)

Class S7	Loaf Nut Bread ( non-yeast, no fruit)
Class S8	Bread Machine Bread
Class S9	Cinnamon Rolls
Class S10	Fancy Yeast Rolls
Class S11	Plain Yeast Rolls
Class S12	Swedish Tea Ring (yeast)
Class S13	Coffee Cake (non yeast)
Class S14	Muffins (any kind)
Class S15	Sugar-Free Muffins
Class S16	Cornbread
Class S17	Baking Powder Biscuits

### **Cakes**

**Display cakes on plate the size of cake. One piece will be cut by judge**

Class S31	White Angel Food (iced or un-iced)
Class S32	White Layer (iced)
Class S33	Chocolate Layer (iced)
Class S34	Burnt Sugar Layer (iced)
Class S35	Lady Baltimore Layer (iced)
Class S36	Chiffon or Sponge (iced)
Class S37	Bundt (iced or un-iced)
Class S38	Decorated sheet cake
Class S39	Cupcakes (iced)
Class S40	German Chocolate
Class S41	Spice
Class S42	Decorated Layer Cake
Class S43	Cake from Mix
Class S45	Whole Wheat Angel Food
Class S46	Miscellaneous

## **Cookies**

Class S51	Brownies
Class S52	Refrigerator
Class S53	Rolled
Class S54	Drop
Class S55	Bar Cookies
Class S56	Decorated Cookies
Class S57	No Bake Cookies
Class S58	Sugar-Free Cookies

## **Pies**

**Entrants must state if the filling is bought or homemade. All pies in 8" or larger pie tins.**

Class S61	Cherry
Class S62	Apple
Class S63	Berry
Class S64	Apricot
Class S65	Peach
Class S66	Sweepstakes Pie - Overbrook Only

## **Candy**

**3 Pieces each display on plate.**

Class S71	Peanut Brittle
Class S72	Fudge (caramel, peanut butter, or chocolate)
Class S73	Divinity
Class S74	Mints
Class S75	Cream
Class S76	Your Choice
Class S77	Assorted

## Canned Foods

Kerr or Ball standard quart or pint jars with matching lid (flat). Recommended methods of processing must be used. **Open kettle processed foods are not acceptable. Paraffin seals not acceptable. Pickles and sweet spreads need to be water bathed.** Rings must be left on jars to be judged. See Extension Office for canning instructions.

- Class S81 Canned Fruit
- Class S82 Canned Vegetables
- Class S83 Canned Juice
- Class S84 Best Collection of 3 Canned Fruit
- Class S85 Best Collection of 3 Canned Vegetables

### **Pickles and Relishes --Any brand standard pint or quart jars**

- Class S91 Sweet
- Class S92 Dills
- Class S93 Peaches
- Class S94 Beets
- Class S95 Bread and Butter
- Class S96 Chow Chow
- Class S97 Best Collection of 5
- Class S98 Taco Sauce
- Class S99 Salsa
- Class S100 Spaghetti Sauce
- Class S101 Catsup
- Class S102 Relish
- Class S103 Miscellaneous

### **Preserves and Marmalade --Any brand standard pint or quart jars**

- Class S111 Strawberry
- Class S112 Peach
- Class S113 Cherry

Class S114 Apricot Marmalade

Class S115 Orange Marmalade

Class S116 Miscellaneous

**Jams and Butters --Any standard pint or jelly jars**

Class S121 Raspberry

Class S122 Blackberry

Class S123 Peach

Class S124 Plum

Class S125 Apricot

Class S126 Apple Butter

Class S127 Grape

Class S128 Cherry

Class S129 Miscellaneous

**Jellies --Standard jelly glasses with covers or pint jars**

Class S131 Grape

Class S132 Apple

Class S133 Crabapple

Class S134 Plum

Class S135 Blackberry

Class S136 Gooseberry

Class S137 Raspberry

Class S138 Cherry

Class S139 Best Collection of 5

Class S140 Sugar Free Jelly

Class S141 Honey

Class S142 Miscellaneous

**Canned Meats --Any standard quart or pint jars**

Class S151 Beef

Class S152 Pork

Class S153 Fish

Class S154 Chicken

Class S155 Best collection of meats in standard jars, including 1 chicken, 1 pork, and 1 beef

**Dried Foods**

Class S161 Fruit, 1 kind (4 pieces or more)

Class S162 Meat, 1 kind (4 pieces or more)

Class S163 Vegetables, 1 kind (4 pieces or more)

**Youth Under 15 Years of Age**

Display all items, except jelly, on a paper plate covered with food grade plastic bags, or in boxes. Entire product must be entered and uncut. Exhibit 3 cookies, 3 muffins, 3 rolls, etc.

Class S171 Angel Food Cake (un-iced)

Class S172 Cupcakes (iced, from mix)

Class S173 Cupcakes (iced)

Class S174 Bar Cookies

Class S175 Loaf of Yeast Bread (white, whole wheat or rye)

Class S176 Baking Powder Biscuits

Class S177 Jelly, any kind, 1 glass with cover

Class S178 Fruit Pie

Class S179 Candy, any kind

Class S180 Decorated Cakes

Class S181 Layered Cake - Frosted

Class S182 Drop Cookies

Class S183 Brownies

Class S184 Loaf Quick Bread

Class S185 Yeast Rolls

Class S186 No Bake Cookies

Class S187 Machine Bread

Class S188 Muffins

Class S189 Snacks

Class S190 Jam, any kind standard jar or glass with cover

Class S191 Canned Vegetables

## **OSAGE COUNTY OPEN CLASS COOKIE JAR CONTEST**

**Osage City: Kathi Webster, Chelsi Ford**

**Overbrook: North Osage 4-H Club**

Fancy assorted cookies in a clear glass, wide mouth attractively decorated jar of 1 gallon capacity.

1. Jar must be decorated using a theme of your own choice.
2. Decorations may not extend more than approximately 4 inches beyond the jar.
3. Cookies should be visible through at least 50% of the jar.
4. Decorations will count for 50% and cookies for 50%.
5. Jar must be filled with not less than 5 different kinds of cookies, from different batters and dough.
6. Each cookie should be wrapped separately in clear plastic wrap.
7. In addition to the cookie jar, display one of each kind of cookie on a paper plate. Clearly identify and individually wrap each cookie, so that the judge will not need to open the cookie jar.
8. Open Class Cookie jars do NOT sell at Overbrook.

Class 290      Cookie Jar (Open Class)

## **OPEN CLASS PHOTOGRAPHY**

**Osage City: Kara Thompson      Junior: Avery Thielen**

**Overbrook : Jamie Guenther and Libby Thompson**

1. Exhibits will be judged and ranked in each class according to merit. Championship ribbons will be awarded to the top exhibits overall in the Photography division if there are sufficient entries to warrant.
2. Photographs must be taken by the entrant, but the entrant need not have processed the film or print.
3. No "signed prints" may be entered.
4. Photographs may have been taken at any time, entered in other contests or have been previously published.
5. Enlargements are to be 4" x 6" or larger and to be mounted on mats not to exceed 16" x 20".
6. Photos are judged on eye appeal, composition, and technique.
7. Class numbers ending with A are for amateurs; class numbers ending with P are for professionals; and class numbers ending with J are for Juniors - 15 years old and under.

Class P100A    People

Class P100P    People

Class P100J    People

Class P200A    Photojournalism (color or black & white)

- Class P200P Photojournalism (color or black & white)
- Class P200J Photojournalism (color or black & white)
- Class P300A Nature (color or black & white)
- Class P300P Nature (color or black & white)
- Class P300J Nature (color or black & white)
- Class P400A Animals (color or black & white)
- Class P400P Animals (color or black & white)
- Class P400J Animals (color or black & white)
- Class P500A Pictorial (color or black & white)
- Class P500P Pictorial (color or black & white)
- Class P500J Pictorial (color or black & white)
- Class P600A Computer manipulated photos: Manipulated does not include normal cropping, enlargement or color intensity treatment. Photo must be an original taken by the exhibitor. Exhibitor must provide a small (4" x 6" or smaller) original photo attached to the front of the mount.
- Class P600P Computer manipulated photos: Manipulated does not include normal cropping, enlargement or color intensity treatment. Photo must be an original taken by the exhibitor. Exhibitor must provide a small (4" x 6" or smaller) original photo attached to the front of the mount.
- Class P600J Computer manipulated photos: Manipulated does not include normal cropping, enlargement or color intensity treatment. Photo must be an original taken by the exhibitor. Exhibitor must provide a small (4" x 6" or smaller) original photo attached to the front of the mount.
- Class P700A Osage County Photography Class P700P Osage County Photography
- Class P700J Osage County Photography
- Class P800A Best Conservation Photo-Cover crops, waterways, terraces, pollinators, pest management, wild life habitat, water quality and soil health in Osage County.
- Class P800P Best Conservation Photo-Cover crops, waterways, terraces, pollinators, pest management, wild life habitat, water quality and soil health in Osage County.
- Class P800J Best Conservation Photo-Cover crops, waterways, terraces, pollinators, pest management, wild life habitat, water quality and soil health in Osage County.

## OPEN CLASS PLANTS AND FLOWERS

**Osage City: Donna Marie Anderson & Jenny Tate**

**Overbrook: Donna Marie Anderson**

Exhibitors must use clear glass except on arrangements where vases may be used. Plants must be growing in pots 2-3 months before Fair entry date. **Osage City Fair Only** - One entry per class per exhibitor. Five points will be given for each blue ribbon, three points for each red ribbon, and one point for each white.

### **Plants**

- Class F1 Philodendron
- Class F2 African Violet
- Class F3 Begonia
- Class F4 Cactus
- Class F5 Swedish Ivy
- Class F6 Best Collection of 4 Plants in Separate Pots
- Class F7 Hanging Basket, Blooming
- Class F8 Ice Plant
- Class F9 Hybrid Portulea
- Class F1 Miscellaneous plants

### **Cut Flowers**

- Class F21 Gladioli, 1 Stem
- Class F22 Rose, 1 Bloom
- Class F23 Large Dahlia, 1 Bloom
- Class F24 Small Dahlia, 1 Bloom
- Class F25 Snapdragon, 1 Stem
- Class F26 Cosmos, 5 Stems
- Class F27 Aster, 5 Stems
- Class F28 Lilies, 1 Stem
- Class F29 Petunias, 3 Stems
- Class F30 Petunias, Ruffled or Doubled
- Class F31 Large Zinnias, 5 Stems
- Class F32 Small Zinnias, 5 Stems
- Class F33 Zinnias, Largest Bloom

- Class F34 Large Marigolds, 5 Stems
- Class F35 Small Marigolds, 5 Stems
- Class F36 Marigolds, Largest Bloom
- Class F37 Cannas, 1 Stem
- Class F38 Cockscomb, 1 Stem
- Class F39 Periwinkle, 3 Stems
- Class F40 Impatiens, 3 Stems
- Class F41 Chrysanthemums, 1 Stem
- Class F42 Daisies, 3 Stems
- Class F43 Miscellaneous cut flower

**Arrangements of Home Grown Flowers Exhibitors may use vase or container of choice**

- Class F51 Kansas Theme arrangements
- Class F52 Best arrangement, using all roses
- Class F53 Arrangement of mixed flowers, at least 4 kinds
- Class F54 Best arrangement, using all white flowers (no wild flowers)
- Class F55 Winter arrangement (all dried material)
- Class F56 Arrangement, using all one kind (except roses)
- Class F57 Artificial flower arrangement
- Class F58 Best arrangement using any 2 kinds of flower with greenery
- Class F59 Perennial arrangement, container judged
- Class F60 Annual arrangement, container judged
- Class F61 Wild Flower arrangement (5 or more)
- Class F62 Best Miniature arrangement (3" or less in height)
- Class F63 Terrariums
- Class F64 Cactus and other succulents

**Youth Under 15 Years of Age**

1. Follow guidelines in open class plants and flowers regarding entries.

- Class F71 Plants
- Class F72 Cut Flowers
- Class F73 Arrangement

**Frontier Extension District Lyndon Office**

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WEBSITE: [www.frontierdistrict.ksu.edu](http://www.frontierdistrict.ksu.edu)

EMAIL: [frontierdistrict.k-state.edu/](mailto:frontierdistrict.k-state.edu/)

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**Extension Agents and Office Staff**

Rebecca McFarland.....Extension Director  
 Jessica Flory.....4-H Youth Development  
 Rod Schaub.....Livestock Production  
 Janae McNally.....Adult Development and Aging & Family Resource Management  
 Jo Hetrick-Anstaett.....4-H Program Manager  
 Janaya Reed.....Financial Manager/Office Professional

**Join 4-H**

Contact any of the following Club Leaders in your area or the Extension Office for details about 4-H.

Burlingame.....Carolyn Lowry or KC Bond  
 Lyndon Leaders..... Kristin Kneisler or Kayla Rose  
 Melvern Jr. Highline.....Lisa Reeser or Caleb McNally  
 North Osage..... Hope Koger or Claudia Craig  
 Willing Workers..... Kara Thompson, Pam Whitmer or Collen Stucky