

2021 OSAGE COUNTY FAIRS

OSAGE CITY FAIR

JULY 7-10

OVERBROOK FAIR

AUGUST 11-14

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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.

76th Annual

OSAGE COUNTY FAIR



July 7th, 8th, 9th, & 10th 2021
Osage City, Kansas

Visit our Website:

www.osagecountyfair.org

2021 OSAGE COUNTY OSAGE CITY FAIR BOARD

Officers:

President.....Tony Horne
Vice President.....Jacob Sand
Secretary.....Amanda Croucher
Treasurer.....Marty Young
4-H Livestock Sale Manager.....Amanda Croucher
Members at Large.....Darby Kneisler & Clint Bosse

Advisory Members include: Jim Paul - O.C. Lions Club, Jeanette Swarts - O.C. Chamber of Commerce, Daresa Prescott – Farm Bureau, and Trisha Gundy – Peterson Assisted Living

Board of Directors:

Donna Marie Anderson	Darby Kneisler
Clint Bosse	Bruce Schoepflin
Josie Bosse	Derald Stromgren
Emilee Burkett	Kara Thompson
Dorothy Christiason	Marjorie Vaughn
Lexie Fager	Sally Wilk
Amanda Johnson	

Executive Committee:

Amanda Croucher	Marty Young
Tony Horne	Clint Bosse
Jacob Sand	Darby Kneisler

Exhibit Committee:

Kara Thompson, Chair	Gina Schultz
Dawn Schoepflin	Amanda Croucher
Derald Stromgren	Josie Bosse
Donna Marie Anderson	Lexie Fager
Dorothy Christiason	Marty Young
Marjorie Vaughan	Sally Wilk
Niki Schoepflin	

Buildings and Grounds Committee:

Chris Croucher, Chairperson	Jacob Sand
Clint Bosse	Tony Horne

Veterinarian: Kyle Stromgren, DVM – Osage Veterinary Services

76th Annual Osage County Fair -- Osage City
4-H Fair Events and Entertainment Schedule

Fairgrounds will close daily 30 minutes after last evening event.

Exhibit Building hours: 9AM to 9PM

Lions Club Food Stand Opens @ 6AM - Thursday, Friday, and Saturday

Saturday, June 26th

9:00 a.m. 4-H Horse Show – Lyndon Saddle Club Arena

Tuesday, July 6th

6:00 p.m. Fair Set-up -- Any exhibitors (county-wide) helping with the Fair set-up may reserve livestock pens and cages. Setup of tack or equipment is prohibited until all Fair set-up is complete.

Wednesday, July 7th

7:00 a.m. Fairgrounds open to the public
8-11 a.m. ALL EXHIBITS Entry (4-H, Open, FFA, Girl Scout/Boy Scout) Exhibit Hall & Fredrickson Arena
10:00 a.m. Livestock Weigh-In – Goats & Sheep MUST be Vet checked before unloaded
12:00 a.m. Mandatory Livestock Exhibitor Meeting – Fredrickson Arena
1:00 p.m. Exhibit Judging starts – Exhibit Hall closed to the public while judging
1:00 p.m. 4-H Dog Show & Pet Show -- Community Building
5:00 p.m. 4-H Clothing Style Revue – Community Building
7:00 p.m. “Peterson Farm Brothers” Entertainment – Football Field Grandstand

Thursday, July 8th

9:00 a.m. 4-H Goat & Sheep Show – Fredrickson Arena
11:30 a.m. 4-H Rabbit & Poultry Show - Pavilion
5-6:15 p.m. Registration and check-in for Pie Baking Contest in Community Building
5:00 p.m. Mobile Fish Aquarium – Kansas Wildlife & Parks
6:30 p.m. Blue Ribbon Pie Baking Contest - judging in Community Building
6:30 p.m. 4-H Bucket Calf & Dairy Show – Fredrickson Arena
7:00 p.m. 4-H Beef Show – Fredrickson Arena
7:00 p.m. Talent Show – Stage east of Community Building

Friday, July 9th

8:00 a.m. Donuts & Juice provided by Frontier Farm Credit – Emporia office
9:00 a.m. 4-H Swine Show – Fredrickson Arena
3:00 p.m. 4-H/FFA Livestock Judging Contest – Fredrickson Arena
6:30 p.m. Chamber of Commerce Parade – Downtown Osage City
Theme: “Honoring Hometown Heros”
7:30 p.m. Celebrity Pie Eating Contest and Twinkie Eating Contest – Stage east of Community Building
8:00 p.m. Demolition Derby – West of Football Field
(\$10 Admission; \$20 Pit Passes)

Saturday, July 10th

9:00 a.m. 4-H Round Robin Showmanship – Fredrickson Arena
9:45 a.m. Registration and check-in for Bed Races – east of Pavilion
10:00 a.m. Bed Races (on Safford St.) – sponsored by the Chamber of Commerce
10-3 p.m. Craft Show - inside Community Building
10-4 p.m. Hatchet Throw – Sponsored by McCoy’s RadioShack and Chamber of Commerce
11 a.m.- 9 p.m. Inflatables Entertainment for all ages – east of Community Building
12-3 p.m. Touch-A-Truck event – Sponsored by Farm Bureau - west of Football Field
12-3 p.m. All Exhibits released from Fairground – Exhibit Hall/Livestock Barns
3:00 p.m. Premium checks ready for pick-up at Pavilion Office window
6-8:00 p.m. Bingo – Community Building
4:00 p.m. Registration and check-in for Corn-Hole Tournament – inside Exhibit Hall
4:30 p.m. Corn-Hole Tournament – inside Exhibit Hall
6:30 p.m. 4-H Livestock Sale – Fredrickson Arena
8:30 p.m. OCFA Homemade Ice Cream Social – outside the Community Building
9:00 p.m. BrickHorse Band Entertainment – Stage east of Community Building
10pm (Approx) Fireworks Display – sponsored by Chamber of Commerce

OSAGE COUNTY FAIR - OSAGE CITY

PETERSON FARM BROTHERS



Join us for a program that is entertaining and educational for people of all ages and backgrounds as we look into the future of Agriculture in America.

JULY 7TH, 2021

**7:00PM - AT THE FOOTBALL STADIUM
FREE WILL DONATION**

OSAGECOUNTYFAIR.ORG

CLOVERBUD EXHIBITS
Superintendent - Gina Shultz

Cloverbuds is a non-competitive 4-H organization for 5-6 year olds. All Cloverbud exhibitors will have their exhibits at the Cloverbud table. No premiums will be paid for the exhibits and participation ribbons will be awarded. The Cloverbud table will be located in the southwest corner of the Exhibits Building.

Class CG100 Cloverbud Exhibit

4-H HORSE SHOW
Superintendent – Dorothy Christiason

The 4-H Horse Show will be Saturday, June 26th at 9am. Registration starts at 8:30am. If rain-out, the show will be moved to Burns Arena located at 28312 S. Wanamaker Rd. Pre-Entry Forms for the Horse Show are on page 60-61, and are due by June 21st. Once pre-entries are completed, mail to: 2888 W. 277th St. Lyndon, KS 66451 or email to dorothy.christiason@yahoo.com.

ROUND ROBIN SHOWMANSHIP
Superintendent- Amanda Croucher
Saturday, July 10th, 9:00AM

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

Champions can only show in one division. A Champion who qualifies in more than one division will choose which division he or she will show in and notify the Superintendent. The Reserve Champion will then be eligible to show in the other division(s).

Those qualifying in Horse Division must call, 785-219-3155 (cell), by Wednesday evening to confirm or decline their participation. Other Champions must contact Amanda ASAP following their event to confirm or decline participation.

If the Osage County Fair Horse Show is canceled, or postponed to a date after the Fair, due to weather, if there is no Senior or Intermediate Grand Champion Showman for the Horse division available, then there will be no Horse Champion Showman participant.

4-H members will not show their own animals. Exception: If there is only one animal in the species 4-H member will be allowed to show own animal but, will be expected to show it last.

Senior and Intermediate Showman Awards sponsored by:
Edward Jones, Investor Representative
Robyn Williams

Buckles will be awarded to the Grand Champions and are sponsored by:
Black Crest Cattle – The Corwine Family

ENTERING EXHIBITS

Entry cards will be available in the Exhibits (Parks & Recreation) Building.

Green cards are for 4-H, Cloverbuds, and FFA Exhibits.

Blue cards are for Boy Scouts and Girl Scouts.

Yellow cards are for Open Class exhibits.

Please fill out the cards completely and neatly. Turn in completed card with your exhibit to the Superintendent. No exhibits will be accepted after Entry of Exhibits closes at 11:00 AM on Wednesday.

A mandatory livestock meeting will be held on Wednesday, July 7th at 12:00 noon in the Doran D. Fredrickson Arena. All livestock 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.

Rabbits and Poultry will be entered with the Superintendents in the Rabbit and Poultry area.

All exhibits and animals shall remain on the Fairgrounds until 12:00 noon Saturday, July 10th. The Exhibits Building will be closed at 3:00 PM, all exhibits in this building will need to be picked up between 12:00 noon and 3:00 PM. In the event of extreme weather conditions, the livestock superintendents may approve early release.

PREMIUMS

Premiums for exhibits in the Exhibits Building will be available at the Pavilion Office window on Saturday after 4pm. Premiums for Livestock, Horse, Rabbits, and Poultry will be available at the Livestock Barns after your cages/pen/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 large Livestock including; Horse,
Swine, Goats, Sheep, & Bucket calf:

Purple	\$6.00
Blue	\$5.00
Red	\$4.00
White	\$3.00

All 4-H Beef & Dairy:

Purple	\$7.00
Blue	\$6.00
Red	\$5.00
White	\$4.00

All OPEN classes; including Livestock &
Exhibits:

1 st place	\$4.00
2 nd place	\$3.00
3 rd place	\$2.00

4-H LIVESTOCK SALE

Livestock Sale Cards are due 30 minutes after the Swine Show (Friday). 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 charge of \$8.00 for each animal sold. See Amanda Croucher for questions.

The 4-H Livestock Sale Committee would like to thank the following
Merchant Fund Contributors and Livestock Buyers for their support at the 2020 Livestock Sale.

AuBurn Pharmacy - Mandy Gibson
Absolute Pest Control - Mark & Heather Peterson
Adam Young Family - Lyndon
AgChoice/MFA - Osage City
Bailey & Sons Motor Co. - Jay Bailey
Bank of Osage City - Rick Bryan
Bank of Burlingame - Doug Siebuhr
Bean Masonry & Concrete
Bergquist Properties - Rod & Kim Bergquist
Black Crest Cattle - Corwine Family Farm
Bluestem Farm & Ranch – Emporia
Branded Graphics - Josie & Clint Bosse
Brian Gilges
Burkett Farms - Emilee Burkett
Cindy's Fireworks - Cindy Gerdes
Citizens State Bank - Trimble Walker
Conklin Plumbing - Shawn & Lindsay Conklin
Diana Kay
Emporia Livestock Co. - Brody Peak
F & F Feeds - Emporia, KS
Farm Bureau Financial - Kirk Bath
Farm Bureau - Jim Waters
Flint Hills Beverage - Casey & Cheryl Mussatto
Gerald & Debby Fagan
Gibson Cattle Co. - Jason & Mandy Gibson
Hook Farms - Dalton Hook
JAG Trucking - Jason & Amy Gilliland
James Pearson Family
Jerry's Thriftway - Brian Giesy
JoAnn Long
Kane Farms - Catherine Kane
Kathies Collections

Kneisler Farms - Darby Kneisler
Kuykendall & Flax Farms - Ken Kuykendall
Leslie Arvieux & Jill Creager Family
LeRoy COOP
L&J Trash - Leroy & Donna Marie Anderson
Lewis Hybrids - Jim Anderes
McCoy's Electronics/RadioShack - T.J. McCoy
MC Cattle - Caleb & Janae McNally
Midwest RV
MK Strategies - Megan & Tim Kilgore
Olson Farms - Duane & Pam Olson
OC Showdown Swine Show
Osage County Attorney - Jack Hobbs
Osage Salvage & Recycling - Dean Davidson
Ottawa COOP
Paul Ponchilla Family
Praeland Partners-John Deere, Emporia
Pyramid Battery, LLC
Quality Built Construction
Quality Built Pole Barns
RC Ranch
S&A Telephone
Sally & Ken Wilk
J&M Sand Ranch
Santa Fe Trail Meats - Aaron Higbie
Scott Stromgren
Sloop Sales & Hook Repair
T&T Flatworks - Tim Totty
Tarwater Farm & Home
Theel Plumbing - Nathan & Angie Theel
Taylor Seed/Thompson Farm - Osage City
Vintage Park of Osage City

Auctioneer - Wischropp Auctions - Wayne Wischropp & Dalton Hook
Floor Buyer - Woodson Co. Sheep Auction - Dale Lanham
Floor buyer - Bauman's Butcher Block - Rosanna Bauman

2020 Fair Sponsorships

BRONZE SPONSORS

Cameo Farms
Canine Country Clips
Debbie and Gerald Fagan
Della Regenold
Diana & Dean Supple
Fred & Jackie Diver-JF2 Farms
Glyn Day Agency (American Family Ins)
Jeff and Marilyn Casten
Jennings Farm
Joe & Thelma Humerickhouse

Joseph & Johncie Heise
L & J Trash Service
Lyndon State Bank
Osage Building Materials
S&A Telephone
Santa Fe Trail Meats
The Miracle Café
Toy Shed
Valley Vet Supply

SILVER SPONSORS

Auburn Pharmacy
Bailey & Sons Motor Co.
Bean Masonry & Concrete
Bergquist Properties
Branded Graphics
Citizens Insurance Services
Citizens State Bank
Dewayne Schoepflin
e.b. Sprouts & Flowers
First National Bank of Kansas
Flint Hills Bank of Osage / Burlingame
FOE - Eagles

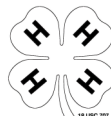
JAG Trucking
JoAnn Long
KanEquip
L&M Construction
Lyndon State Bank
Orbis
Osage County Attorney-Jack Hobbs
Ottawa CO-OP
Quality Built Construction
Quality Built Pole Barns
Santa Fe Trail Meats
Vintage Park

GOLD SPONSORS

AgChoice/MFA – Osage City
Casey & Cheryl Mussatto
Conrad Carlson Charitable Foundation

Edward Jones/Robyn Williams
Osage County Attorney - Jack Hobbs
Porter Cattle Company

Thank you for your continued support!



Come meet us at the Osage County Fair in Osage City, KS



PETERSON FARM BROTHERS

Entertainment and Education



**WEDNESDAY
JULY 7TH, 2021**

Show starts at 7pm
at the Football
Stadium next to the
4-H Fairgrounds
Free will donation

Sponsors:



OSAGECOUNTYFAIR.ORG



Osage City Lions Club Food Stand

Proud Participant of the

Osage City Fair

Since 1963

Located in the Community Building

Breakfast, Lunch, and Dinner

Thursday through Saturday

Wednesday will be open at 6pm for the Peterson Brothers Event



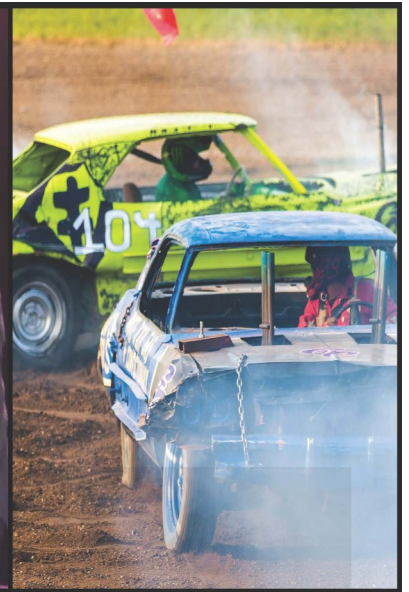
**Go Hog Wild and Steer Crazy at the
Osage County Fairs!**

Osage County Farm Bureau Association

509 Market Street

Osage City, KS 66523/ (785) 528-4112

Become A Member....support agriculture!



O V E R B R O O K

O S A G E C O U N T Y

F A I R

AND 4-H LIVESTOCK AUCTION
AUGUST 11-14, 2021

www.overbrookfair.weebly.com



Overbrook Fair Schedule

August 11-14, 2021

Monday, August 2 Pre Entry for Horse Show– Sent to Dorothy Christianson –
Dorothy.christianson@yahoo.com

Saturday, August 7

8:30 AM Registration for Horse Show at Burns Ranch

9:00 AM 4-H Horse Show

Sunday, August 8

3:00– 6:00 PM Fair Set-Up (All 4-H members are invited to come help)

Wednesday, August 11

***Osage County 4-H Exhibitors are allowed to arrive and register before Open Class Exhibitors. Extra pen space will be made available to Open Class Exhibitors after Osage County 4-H Exhibitors are checked in. Pen space will be on a first-come, first-serve basis. Extra pens are available for those Exhibitors with animals on-site Wednesday through Saturday. Open Class Exhibitors may also choose to bring livestock on the day of the show and show out of their trailer. Please Adhere to the following schedule.

8:00 - 11:00 AM 4-H Exhibitor Check-in

10:00 -11:00 AM 4-H Exhibitor and Open Class Exhibitor Check-in

** Donuts & Juice sponsored by Frontier Farm Credit at Show Arena

11:00 AM ALL Sheep & Goats must be checked in by a VET

11:00 AM PROMPTLY AT 11:00 AM –MANDATORY MEETING FOR ALL LIVESTOCK
EXHIBITORS IN THE SHOW ARENA

11:15 -NOON Meal for all Exhibitors and Volunteers (Concession Stand Area)

Noon Weigh-in Beef, Sheep, Swine & Goats

1:00 PM Judging of all Exhibits will begin, food for sale after judging.

3:00 PM Dog Show (location to be announced at a later date)

7:00 PM Sheep Show followed by Dairy and Goat Show

9:00 PM Coffman Building will close

Thursday, August 12

8:30 AM Rabbit Show

9:30 AM Poultry Show

7:00 PM Swine Show

7:00 PM *Event TBD See overbrookfair.weekly.com*

6:00 - 10:00 PM Wrist Band Night– Jones Carnival

9:00 PM Coffman Building closes.

Friday, August 13

- 6:30 PM Bucket Calf Show
- 7:00 PM Beef Show
- 7:00 PM Event ***TBD*** overbrookfair.weekly.com
- Wrist Band Night—Jones Carnival
- 9:00 PM Coffman Building closes.

Saturday, August 14

- 8:30 AM Pet Show (Pet Entries due 30 min. before shows)
- 10:00 AM Kid Kontest at Scccer Field
- 10:00 AM Round Robin
- NOON Kids Pedal Tractor Pull
- 5:30 PM Parade - Theme- Straight out of quarantine What now?
- 7:15 PM Livestock—Parade of Champions
- 7:30 PM Livestock Sale (***) 4-H Livestock Sale Buyers Dinner– Immediately following sale)

NEW RULE: Exhibitor who receive a Grand or Reserve Champion overall market animal is NOT require to sell in the livestock auction. The exhibitor may choose to sell another animal which was exhibited in class. That animal will sell according to class placing. Only one animal will be sold, unless the exhibitor has multiple Grand and Reserve Champion in market species and choose to sell those Grand and Reserve market champions.

Any questions concerning the sale, please contact Danielle Garrison at 785.250.4802

- 6:00 - 10:00 PM Wrist Band Night—Jones Carnival
- 7:00 PM -11 PM Dueling Piano's Midway

ROUND ROBIN SHOWMANSHIP

Overbrook: Mindy Worthing – **Saturday, August 14th at 10:00 PM**

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

Champions can only show in one division. A Champion who qualifies in more than one division will choose which division they will show in and notify the Superintendent. The Reserve Champion will then be eligible to show in the other division(s). If Grand and Reserve are already showing in Round Robin, the third place showman will be given an opportunity to participate.

Those qualifying in Horse Division must verify with Mindy by Wednesday evening to confirm or decline their participation. Other division Champions must contact Mindy ASAP following their event to confirm or decline participation.

If the Fair Horse Show is canceled, or postponed to a date after the Fair, due to weather, and/or if there is no Senior or Intermediate Grand Champion Showman for the Horse division available, then there will be no Horse Champion Showman participant.

4-H members will not show their own animals. **Exception:** If there is only one animal in the species 4-H member will be allowed to show own animal but, will be expected to show it last.

OVERBROOK

Belt Buckle Sponsors

Senior Showman.....Atlee Worthing in honor of Bill & Jane Fox

Intermediate Showman.....Evan Woodbury

Overbrook Osage County Fair Board Officers

President.....Luke Lang
Vice-President.....Danielle Garrison
Treasurer.....Amy Lang
SecretaryKellie Stebbins

Overbrook Osage County Fair Board Directors

	Keith Gerisch	Travis Smith
Casey Babbitt	Nathan Gerisch	Maurey Sund
Eric Lind	Becky Stone	Mindy Worthing
Holly Stebbins	Roger Harmon	Mark Godin
Russell Mitchell	Dale Lee Musick	Matthew Craig
Cory Galyean	Eric Carter	Eric Finch
Nathan Averill	Charlie Glenn	Adam Craig
Bryan McGrew	Jared Faust	Lane Clark
Brian Stone	Paul Mohler	Melissa Cannon
Tiffany Zabala	Dale Musick	
Calvin Young	Heather Kohlmeyer	

KSRE, Frontier Extension District Staff

District Director.....Rebecca McFarland
4-H Agent.....Janae McNally
Agriculture Agent.....Rod Schaub
4-H Program Assistant.....Jessica Flory
Office Professional.....Janaya Hamlin

Department Superintendents

Carnival..... Luke Lang
Commercial ExhibitsKellie Stebbins
GroundsNorth Osage 4-H Club
Veterinarian.....Dr. Tom Sanders Overbrook

2021 Trophy and Sale Supporters

"Thank you" for your continual support.

Apple Market Auburn	Gary & Shirley Wray	Overbrook Spirits
Animal Clinic	Gaylen & Lavon Harris	Peiman Title & Escrow
BP Gas & Convenience	Harley Gerdes Auction	R & W Enterprises
Black Excavation	Harmon Dental	Reser Tree Service
Brett Karr	Jack & Jean Gilmore	Rhonda Ellis
Buzzard's Pizza	Jan Koehler	Rob & Michelle Brown
Bronoski Farms	Locust Point Gun Club JF2 Farms -	Robert Quaney
Brookside Retirement Community	Jackie & Fred Diver	Rockin B Show Goats
Butel Farms, John and Larry and Family	Jacob Succi	Roland Rickel
Carbondale Pet Clinic	Jo Davis	S & S Oil & Propane
Carl & Patty Richards	Jon & Wanda Wilhite	Santa Fe Trail Meats* Aaron & Angelle Higbie
Casey's General Store	Kansas State Bank	Senator Anthony Hensley
Citizens State Bank	L & M Construction	Skip's Thriftway
Cloud Heating & Air	Lang Tire	Sloop Sales & Service
Community Insurance Overbrook	Mack Colt Homes	Steve Patterson
Conrads Bar & Grill	Manhattan Commission Co.	Stockgrowers State Bank
Corwine Seed & Service	Mike Fawl	Maple hill
David Hesseltine	Mike & Mary Pruitt	T & A Bail Bonds
Delbert & Helen Ramsey	Mike Reser	Taylor Oil
Don's Heating & Cooling	Musick Excavating	Terri Boggs
Dream Kitchen	Napa Auto Parts, Overbrook	Thomas Quaney
Ed & Greta Hug	Nelta Land	Tony's Tire & Auto
Ed & Peggy Tucker	O'Bryhims Thriftway	Valleybrook Farm
Elston Auctions	Oleen Brothers	Vic Robbins & Marian Massoth
Farm Bureau Ins. Farm Bureau	Osage County Herald-Chronicle	Vic's Plumbing
Carbondale KS	Osage Development - Roger Harmon	Visit Branson.com
First National Bank of Harveyville	Osage Waste Disposal	Dan Horne
First Security Bank	Overbrook-Barber Shop	Wischropp Auctions
Frank Hug & Sons Farms	Overbrook Car Wash	Woodbury Farms
Frontier Farm Credit	Overbrook Computer Service	Woodson County Livestock Commission
G & G Excavating	Overbrook Livestock Commission Company	-Dale Lanham
		Young 4-H Family

2021 Trophy Sponsors

Grand Champion Beef	David & Karen Badger
Reserve Grand Champion Beef	Sund Farm
Grand Champion Heifer	Gary & Linda Thompson
Reserve Grand Champion Heifer	Overbrook Livestock Commission Co.
Grand Champion Market Hog	Santa Fe Trail Meats
Reserve Champion Market Hog	Galen Harris
Grand Champion Gilt	Overbrook Livestock Commission Co.
Reserve Champion Gilt	Cowine Ag. Sales
Grand Champion Market Lamb	Tadd & Marsha Goodyear
Reserve Champion Market Lamb	Tadd & Marsha Goodyear
Grand Champion Ewe	Dean & Diana Supple
Reserve Champion Ewe	Rob & Michelle Brown
Grand Champion Rabbit	J&M Sand Ranch—Jake & Melissa Sand
Reserve Champion Rabbit	Finch Farm
Grand Champion Poultry	Elk Creek Engraving
Reserve Champion Poultry	Jim & Hope Koger
Grand Champion Hand Pet	Carbondale Pet Clinic— Dr. Teresa Tucker
Reserve Champion Hand Pet	Suther Family
Grand Champion Dog Obedience	Everett & Tricia Thompson
Reserve Champion Dog Obedience	Everett & Tricia Thompson
Grand Champion Market Goat	Ed & Gretta Hug
Reserve Champion Market Goat	Dennis & Danielle Garrison
Grand Champion Breeding Goat	Rob & Michelle Brown
Reserve Grand Champion Breeding Goat	The Butel Family
Grand Champion Water Fowl	Kyle Garrison
Reserve Grand Champion Water Fowl	Kyle Garrison

Best Exhibits

Clothing Buymanship	Nelta Land
Clothing Construction	Nelta Land
Photography	Osage County—Chronicle
Foods	Lavon Harris
Arts— Heritage	DeWayne Schoepflin

Best Exhibits (Continued)

Arts– Visual

Woodworking

Miscellaneous

Electricity

Horticulture

DeWayne Schoepflin

Summer Taylor –Liberty Real-estate

Kneisler Farms

Russell & Stephanie Smith Electric

Clover Wranglers 4-H Club

Junior Showmanship

Grand Champion Beef

Final Step Taxidermy / Bronoski Cattle
Company

Reserve Champion Beef

Final Step Taxidermy/ Bronoski Cattle
Company

Grand Champion Swine

David & Karen Badger

Reserve Grand Champion Swine

David & Karen Badger

Grand Champion Sheep

Gunther Enterprise

Reserve Champion Sheep

Gunther Enterprise

Grand Champion Bucket Calf

Gary & Shirley Wray

Reserve Grand Champion Bucket Calf

Gary & Shirley Wray

Grand Champion Rabbit

Overbrook Thriftway

Reserve Champion Rabbit

Overbrook Thriftway

Grand Champion Dog

Marty and Wylie Young

Grand Champion Goat

Kansas State Bank

Reserve Champion Goat

Kansas State Bank

Intermediate Showmanship

Grand Champion Beef

Overbrook Livestock Commission Co.

Reserve Champion Beef

Overbrook Livestock Commission Co.

Grand Champion Swine

Corwine Farms

Reserve Champion Swine

Corwine Seed & Service

Grand Champion Sheep

Gunther Enterprise

Reserve Champion Sheep

Gunther Enterprise

Grand Champion Bucket Calf

Overbrook Livestock Commission Co.

Reserve Champion Bucket Calf

Overbrook Livestock Commission Co.

Grand Champion Rabbit

Overbrook Thriftway

Reserve Champion Rabbit

Overbrook Thriftway

Grand Champion Dog

Finishing Touch Bird Dog Training

Grand Champion Goat

Tim & Megan Kilgore

Reserve Grand Champion Goat

Kyle Garrison

Senior Showmanship

Grand Champion Beef	Jake & Melissa Sand
Reserve Champion Beef	Jake & Melissa Sand
Grand Champion Swine	Santa Fe Trail Meats
Reserve Champion Swine	Santa Fe Trail Meats
Grand Champion Sheep	Brett Karr
Reserve Champion Sheep	Brett Karr
Grand Champion Rabbit	Overbrook Thriftway
Reserve Champion Rabbit	Overbrook Thriftway
Grand Champion Dog	Jessica & Mark Flory
Grand Champion Goat	First Security Bank
Reserve Champion Goat	First Security Bank
Special Poultry Award	Chad and Melissa Cannon

Buckle Sponsors

Sheep

Breeding Ewe	Cooper Moose Market Overbrook
Market Lamb	Kansas State Bank, Overbrook

Hog

Breeding Gilt	Flory Swine Genetics
Market Hog	Brandi Engler– EK Real Estate Lyndon

Beef

Heifer	Howard & Elisa Woodbury
Market Beef	Caleb & Janea McNally

Goat

Breeding Doe	MK Strategies & Kilgore Family
Market Goat	Kyle Garrison

Round Robin

Senior Showman	Atlee Worthing in honor of Bill & Jane Fox
Intermediate Showman	Evan Woodbury

Overbrook General Rules

Before making entries, each exhibitor must register at the Secretary's office, where you will be given a card bearing a number which will be your exhibitor's number in making entries in the various departments. You must have this card before you make entries.

All entries should be on the grounds and entered by 11:00 A.M. on Wednesday. Exceptions are as follows: Horse, see pre-entry due date on form; Dog & Hand Pet enter 30 minutes prior to show time.

Sheep & Goats must arrive by 11:00 AM on Wednesday and fair vet must check prior to unloading Wednesday.

EXHIBIT MAY BE REMOVED OR DISARRANGED at Noon on Saturday, AND MUST BE PICKED UP BY 9:00 P.M. that evening, with the exception to livestock exhibits that can leave after Round Robin. **All livestock must be removed and pens cleaned before 10:00 P.M. and before you get your premium money for livestock.**

PREMIUMS WILL BE READY FOR PICK-UP AT 3:00 P.M. THE LAST DAY OF THE FAIR FOR ALL EXHIBITS - EXCEPTION - LIVESTOCK EXHIBITORS WILL GET THEIR PREMIUMS FROM THE LIVESTOCK SUPERINTENDENT.

All premium orders drawn on the Treasurer must be presented to the Treasurer for payment **WITHIN 10 DAYS** after the fair at Kansas State Bank - Overbrook. After that time, any premium orders which have not been presented to the Treasurer for payment will be considered donated to the Overbrook Osage County Fair Assn.

All Beef, Sheep & Swine market animals will be weighed on Wednesday starting at NOON. All exhibitors must be present and ready to weigh animals. Animals will be weighed only one time (no re-weigh allowed) and all weighing will be finished by 1:00 PM.

IF YOUR SALE CARD IS NOT TURNED IN BY FRIDAY EVENING, 30 MINUTES FOLLOWING THE BEEF SHOW YOU CANNOT SELL YOUR ANIMAL. THERE WILL BE SIGNS POSTED AT THE BARNES WITH ALL NECESSARY INFORMATION. NO EXCEPTIONS.

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 Overbrook Fair. To be eligible, animals must be entered and shown in the market class.

Rate of Gain Prize Money

Beef	First \$50.00	Second \$ 30.00
Sheep	First \$ 25.00	Second \$ 20.00
Goat	First \$ 25.00	Second \$ 20.00
Swine	First \$ 25.00	Second \$ 20.00

PARADE

CO-CHAIRPERSONS: Scott Averill & Denise Hoback Theme: "Straight out of quarantine: What now?" Grand Marshall: John and Kip Jewell

PARADE RULES

- A. Registration: Entries must be received by August 1st. Mail to: Parade Chairperson/ 700 W. 7th St./ Overbrook, KS 66524; or Email to: sgaverill@hotmail.com; or Call: 785.224.3453. Designate Category and float title when registering.
- B. Schedule: Parade starts at 6:00 p.m. on Saturday. Arrive no later than 5:30 p.m. Floats will line up on Market, west of Maple.
- C. Band buses and vehicles will park south of Overbrook Thriftway grocery store and line up on Maple east of the grain elevators.
- D. No float entry will be eligible for more than one prize.
- E. There is no limit to the number of entries by an organization.

Points will be considered by judges to award

Theme Portrayal: 10 Points

Skirt Design & Arrangement 20 Points

Color Theme: 10 Points

Neatness & Artistry 10 Points

The 3 Floats categories are: (Prizes will be given 1st and 2nd place)

1. Most Realistic/ True to Theme

Most Humorous/ Comical

4-H Floats

BATTLE OF THE BANDS

Saturday night there will be a HIGH SCHOOL "Battle of the Bands" contest. A panel of Celebrity Judges will make the tough call of awarding prize money to the top 5 bands. First place: \$1,500; Second place: \$1,000; Third place: \$500; Fourth place: \$300; and Fifth place: \$200.

CHILDREN'S ENTRIES

Children can walk in the parade on SATURDAY. They will follow the COLOR GUARD. Assemble at the Overbrook Clinic parking lot no later than 6:00 p.m.

All exhibits and small animals (4-H and Open Class):

BLUE	\$2.00
RED	\$1.50
WHITE	\$1.00

Swine, Sheep, Goat, Bucket Calf Beef & Dairy

BLUE	\$5.00	BLUE	\$7.00
RED	\$4.00	RED	\$6.00
WHITE	\$3.00	WHITE	\$5.00

Horse

BLUE	\$4.00
RED	\$3.00
WHITE	\$2.50

Booths, 4-H Banners Club Pen of Three

BLUE	\$20.00	\$10.00
RED	\$15.00	\$7.50
WHITE	\$10.00	\$5.00

OVERBROOK—Open Sweepstake's Money Best Bread Product, Cake, Pie.....\$5.00

KID KONTESTS

Kellie Stebbin and Amy Lang

The Kontests will take place at the Soccer Fields. Classes broken by age; must be under 14 years of age.

Prize Money: First Place .75 Second Place .50 Third Place .25

K1 Turtle Race

K2 Tire Rolling Contest

K3 Sack Race - Bring your own sack

K4 Potato Spoon Contest

K5 25 Yard Dash (5 and under)

K6 50 Yard Dash (6-9)

K7 75 Yard Dash (10-12)

K8 75 Yard Dash (13-14)

K9 Softball Throwing Contest (6 and under, 7-10, 11-14)

K10 Tiny Tots Slow Bicycle Contest (6 and under)

K11 Bicycle Elimination Contest

K12 Bicycle Speed Contest (9 and under, 10-14)

K13 Bubble Gum Contest, open to all ages

K14 3-Legged Race (with a partner)

No entrant can win in more than two contests or win more than a total of 3 prizes.

PEDAL TRACTOR PULL

Boys and Girls will pull together Ages 4 thru 13

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.

EVERYONE WINS!!!

- 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-of 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. It is highly recommended that the sponsor not only provide an award for the winners, but also distribute some sort of participation prize (ribbons, gum, a can of pop, etc.) All of the kids are winners for trying.
- H. 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.

4-H
and OPEN
CLASS
GENERAL
RULES
& CLASSES

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

Osage City Fair

Burlingame 4-H Pavilion after Beef show

Willing Workers 4-H Pavilion after Goat and Sheep show

Lyndon Leaders 4-H Pavilion after the Swine show

Overbrook Fair

Vassar Blue Ribbon 4-H Show Area after Swine show

North Osage 4-H Show Area after Sheep show

Melvern Jr. Highline 4-H Show Area after Beef show

RULES AND REGULATIONS

Rule 1 - General Rules

- A. The management of the Melvern, 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 Melvern, 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. Before making entries, each exhibitor must register at the Secretary's office, where you will be given a card bearing a number which will be your exhibitor's number in making entries in the various departments. You must have this card before you make entries.
- D. All departments will be guided by special rules pertaining to their departments.
- E. Any person who violates any of the following special rules will forfeit all privileges and premiums and be subject to such penalties as the board of directors may order.
- F. Age of 4-H'er is determined as of January 1 of the current year.
- G. Cloverbud exhibitors will receive a 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 fairboards 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 fairbook. 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 fairbook.

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 Fairboards 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 \$50.00 savings bond 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 Savings Bond for that fair. It is felt that this is the fairest way to give all livestock entries the same chance of receiving the Savings Bond at each of the County Fairs.

4-H LIVESTOCK SALE

Osage City: Amanda Croucher

Overbrook: Danielle Garrison

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

2. 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. All of the Grand Champion and Reserve Grand Champion Market animals are required to sell. If a 4-H exhibitor has 3 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 2 animals to sell.)
- OVERBROOK ONLY:** Exhibitor who receive a Grand or Reserve Champion overall market animal is NOT require to sell in the livestock action. The exhibitor may choose to sell another animal which was exhibited in class. That animal will sell according to class placing. Only one animal will be sold, unless the exhibitor has multiple Grand and Reserve Champion in market species and choose to sell those Grand and Reserve market champions.
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: Amanda Croucher

Overbrook: Danielle Garrison

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.

Market Division	Gender	Date of Ownership	Family Nomination	USDA Scrapie Tag
Marrket Beef	Steer or Heifer	April 1	X	
Market 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 & 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, DAIRY, 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.

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: Each exhibitor must groom his or her own animal and may use only the assistance of an immediate family member (mother, father, legal guardian, brother or sister) or of another 4-H or FFA member who is an exhibitor at the show.
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. **NOTE** - 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. 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.

18. 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.

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

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

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: Josie Bosse

Junior: Ethan Kneisler and Grace Croucher

Overbrook: Bailey Corwine

Junior: Ethan Kneisler

(Breed abbreviation must be part of class number)

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

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 1050 Senior Showmanship, Age 14 & up
- Class 1051 Intermediate Showmanship, Age 11 to 13
- Class 1052 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 April 1 deadline.

1. Classes will be divided by weight if the number justifies. Decision will be made by 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 1080 Market Beef
- Class 1081 Club Pen of Three (Overbrook only)

OPEN CLASS BREEDING BEEF

(See breeds previously listed in 4-H classes)

- Class 1092 Heifer Calf, Junior or Senior
- Class 1093 Heifer, 1 year old & under 3 years old
- Class 1094 Cow, 3 years & older
- Class 1095 Open Adult Showmanship

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

Dairy Division

Osage City: Josie Bosse Junior: Ethan Kneisler & Grace Croucher
Overbrook: Bailey Corwine Junior: Ethan Kneisler

(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 1120 Senior Showmanship, 4-H/FFA Age 13 & up
- Class 1121 Junior Showmanship, 4-H/FFA Age 7 - 12

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: Josie Bosse Junior: Ethan Kneisler & Grace Croucher

Overbrook Bailey Corwine Junior: Ethan Kneisler

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 1250	Junior Bucket Calf: 4-H'ers age 9 years
Class 1251	Senior Bucket Calf: 4-H'ers age 10-12 years
Class 1252	Bucket Calf-Open Class, 12 years old & younger & non4-Her

SHEEP DIVISION

Osage City: Melissa Cannon Junior: Chloe Cannon

Overbrook: Melissa Cannon Junior: Chloe Cannon

(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 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 1325 Senior Showmanship, Age 14 & up
Class 1326 Intermediate Showmanship, Age 11-13
Class 1327 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 can not 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 1330 Market Lambs
Class 1331 Club Pen of Three (Overbrook only)

OPEN CLASS BREEDING SHEEP

(See breeds previously listed in 4-H classes)

- Class 1342 Ewe Lamb, under one year old
Class 1343 Yearling Ewe, Over 1 year old
Class 1344 Aged Ewe, 2 years old and over
Class 1345 Open Adult Showmanship

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

SWINE DIVISION

Osage City: Chris Croucher Junior: Grace Croucher & Jaiton Bosse

Overbrook: Matt & Mitch Corwine Juinor: Kinsley Garrison

(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 1425 Senior Showmanship, Age 14 & over
Class 1426 Intermediate Showmanship, Age 11-13
Class 1427 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 can not 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 1430 Market Hogs
Class 1431 Club Pen of Three (Overbrook only)

OPEN CLASS SWINE

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

- Class 1434 Jan. and Feb. Gilt of current year
Class 1435 March Gilt of current year
Class 1436 Open Adult Showmanship
Class 1437 Open Market - born after January 1, current year

Ribbons will be awarded for Class 1436

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

DAIRY GOAT DIVISION

Osage City: Melissa Cannon Junior: Allie Kneisler

Overbrook: Tim Kilgore

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)

Osage City: Melissa Cannon Junior: Allie Kneisler

Overbrook: Tim Kilgore

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

All dairy 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 1510 Junior Doe, birth date to April 1 of current year
Class 1511 Junior Doe, birth date from March 1 to March 31
Class 1512 Junior Doe, birth date from September 16, 2 years previous to September 16 previous year (dry yearling)
Class 1513 Senior Doe, 2 years and under in milk or previously freshened
Class 1514 Senior Doe, 3 years in milk or previously freshened
Class 1515 Senior Doe, 4 years in milk or previously freshened
Class 1516 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: Melissa Cannon Junior: Allie Kneisler

Overbrook: Tim Kilgore

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 males 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 1520 Meat Goat under 50 pounds
- Class 1521 Meat Goat 50 pounds or heavier

MEAT GOAT SHOWMANSHIP (4-H & FFA)

- Class 1530 Senior Showmanship, Ages 14 & Over
- Class 1531 Intermediate Showmanship, Ages 11-13
- Class 1532 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 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 1540	Doe Kids – 4 to 6 months
Class 1541	Doe Kids – 7 to 9 months
Class 1542	Doe Kids – 10 to 12 months
Class 1543	Yearling Does – 12 to 24 months
Class 1544	Two year old Does – 24 to 36 months
Class 1545	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:

Overbrook: Hope Koger & Dusty Rolla

1. All chickens and turkeys must be tested within 90 days of state show. For more information about the blood testing requirements, consult *“Information about Disease Testing Requirements for Poultry and Gamebirds in Kansas”* by Scott Beyer, available from the Extension Office.
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 Standardbred, Cross or Strain cross pullets to be judged on egg production qualities
Class 1605	Production Hens - Pen, 3 Standardbred, 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, 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

POULTRY SHOWMANSHIP (4-H & FFA)

- Class 1615 Senior Showmanship, Ages 13 & Over
- Class 1616 Junior Showmanship, Ages 7-12

OPEN CLASS POULTRY

1. Birds showing signs and symptoms of disease will not be allowed to show. 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 1620 Standard Breeds - Large Fowl - Young - 1 bird either sex
- Class 1621 Standard Breeds - Large Fowl - Old - 1 bird of either sex
- Class 1622 Standard Breeds - Bantams - Young - 1 bird either sex
- Class 1623 Standard Breeds - Bantams - Old - 1 bird either sex
- Class 1624 Production Pullets - Pen, 3 Standardbred, Crossbred or Strain cross to be judged on egg production qualities.
- Class 1625 Production Hens - Pen, 3 Standardbred, Crossbred or Strain cross to be judged on egg production qualities.
- Class 1626 Dual Purpose Pullets; Pen of 3. Such as Rhode Island Reds, New Hampshire, Plymouth Rocks, etc.
- Class 1627 Dual Purpose Hens; Pen of 3. Such as Rhode Island Reds, New Hampshire, Plymouth Rocks, etc.
- Class 1628 Geese 1 bird either sex
- Class 1629 Guineas 1 bird either sex
- Class 1630 Duck 1 bird either sex
- Class 1631 Turkey 1 bird either sex
- Class 1632 All other fowl

RABBIT DIVISION

Osage City: Junior:

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. **4-Her's can NOT take rabbits to or from the judging table at the State Fair.**

2. Each rabbit must be legible and permanently tattooed in its left ear for identification. Tattoo is required for State Fair also.
3. 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.
4. There will be no cross breed classes.
5. 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.
6. 4-Hers must be present to show their rabbit.
7. Rabbits shown in 4-H can not 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 Braun, 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 Braun, 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 classed (1700- 1707). You may enter 2 rabbits per each fur class. |

(Ribbons only, no premium money for fur classes.)

- | | |
|------------|--|
| Class 1709 | Meat Pen: 3 rabbits, all one recognized breed and variety, (broken varieties must be 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 1720 Senior Buck. Eight months of age and over for breeds with intermediate classes; six months and over for all other breeds.

Class 1721 Senior Doe. Eight months of age and over for breeds with intermediate classes; six months and over for all other breeds.

Class 1722 Intermediate Buck. Only breeds listed above with intermediate classes.

Class 1723 Intermediate Doe. Only breeds listed above with intermediate classes.

Class 1724 Junior Buck. Under six months of age.

Class 1725 Junior Doe. Under six months of age.

Class 1726 Pre-Junior Buck. Only breeds listed with pre-juniors.

Class 1727 Pre-Junior Doe. Only breeds listed with pre-juniors.

Class 1728 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.

Osage County Fair Horse Show Pre-entry Form**Exhibitor #** _____

Check-in times for shows:

Osage City – June 26th Check in 8:00 a.m.; Show at 9:00 a.m.

(Held at the Lyndon Saddle Club/ Rain out: Burns)

Overbrook – August 7th 8:30 a.m. with show at 9:00 a.m.

(Held at Burns Ranch)

Horse Show Pre-Entry dates are Osage City—6/21/2021; and Overbrook 8/2/2021

Name: _____ Back # _____

Age (as of Jan. 1)

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

6/21	8/2	Class #	
		1901	Halter: 2 Years Old & Under– all Stock Types– Fillies and Colts
		1902	Halter: 3 Years Old & Under– all Stock Types– Type Geldings
		1903	Halter: 3 Years Old & Under Non– stock Type Geldings
		1904	Halter: 3 Years Old & Under Stock Type Mares
		1905	Halter: 3 Years Old & Under 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	Pony Western Pleasure— All ages
		1925	Western Pleasure Walk—Trot (Categories: 7-9, 10-13, and 14-18)
		1926	Western Pleasure Ages 14-18
		1927	Western Pleasure Ages 10-13
		1928	Western Pleasure Ages 7-9
		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 both fairs may be made on this form and sent in by the earliest entry deadline.

Send Entries to:

Dorothy Christiason

2888 W. 277th St.

Lyndon, KS 66451

(785) 806-5786

I, the undersigned, hereby release the Osage County 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 Shows held in Osage City or Overbrook, Kansas on given show dates. I have read the rules and class descriptions on the preceding pages and will abide by these rules.

Parents or Guardian Signature

Date

4-H HORSE SHOW

Osage City Dorothy Christiason & Niki Schoepflin

Overbrook

Pre-entries are due – NO EXCEPTIONS

Pre-Entry form on previous page

Osage City due to Dorothy Christiason (785-806-5786) by June 21th.

Overbrook due to Dorothy Christiason (785-806-5786) by August 2nd.

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: 8:00-8:30 a.m. with show at 9:00 a.m. June 26th (Held at the Lyndon Saddle Club/ Rain out at Burns).

Overbrook – 8:00 a.m. with show at 9:00 a.m., August 7th (Held at Burns Ranch)

Class 1901	Halter: 2 Years Old & Under all Stock Types - Fillies & Colts
Class 1902	Halter: 3 Years Old & Older Stock Type Geldings
Class 1903	Halter: 3 Years Old & Older Non-Stock Type Geldings
Class 1904	Halter: 3 Years Old & Older Stock Type Mares
Class 1905	Halter: 3 Years Old & Older Non-Stock Type Mares
Class 1906	Halter: Ponies and Miniatures - all ages, Mares and Geldings
Class 1907	Showmanship (14-18)
Class 1908	Showmanship (10-13)
Class 1909	Showmanship (7-9)
Class 1910	In Hand Trail - all ages

Class 1911	Trail - (14-18)
Class 1912	Trail - (10-13)
Class 1913	Trail - (7-9)
Class 1914	2 Year Old Snaffle Bit
Class 1915	3 Year Old Snaffle Bit
Class 1916	English Pleasure (14-18)
Class 1917	English Pleasure (10-13)
Class 1918	English Pleasure (7-9)
Class 1919	English Equitation (14-18)
Class 1920	English Equitation (10-13)
Class 1921	English Equitation (7-9)
Class 1922	Hunter Hack (14-18)
Class 1923	Hunter Hack (10-13)
Class 1924	Pony Western Pleasure - all ages
Class 1925	Western Pleasure Walk - Trot (Split 7-8, 9-13, 14-18)
Class 1926	Western Pleasure (14-18)
Class 1927	Western Pleasure (10-13)
Class 1928	Western Pleasure (7-9)
Class 1932	Horsemanship (14-18)
Class 1933	Horsemanship (10-13)
Class 1934	Horsemanship (7-9)
Class 1935	Reining (14-18)
Class 1936	Reining (10-13)
Class 1937	Reining (7-9)
Class 1938	Flag Race (14-18)
Class 1939	Flag Race (10-13)
Class 1940	Flag Race (7-9)
Class 1941	Barrels (14-18)
Class 1942	Barrels (10-13)
Class 1943	Barrels (7-9)
Class 1944	Poles Bending (14-18)
Class 1945	Poles Bending (10-13)
Class 1946	Poles Bending (7-9)

4-H DOG DIVISION

Osage City: Niki Schoepflin

Overbrook: Rochelle Nelson

Junior: Lynnea Nelson

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 result 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, March 2013.
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 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 2010 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 2011 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 2012 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 2013 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 2014 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 2015 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 2016 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 2017 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 2018 Utility A. For all 4-H members and dogs who have qualified in Open B. All exercises off leash.

Class 2019 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 2030 Rally Level I is on lead and for local shows only

Class 2031 Rally Level II

Class 2031 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: Marty Young

Junior: Wylie Young

Overbrook: Marty Young

Junior: Wylie Young

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 CATS

Osage City Marty Young

Junior: Wylie Young

Judging: Danish System

1. Exhibits are limited to two cats total.
2. Rabies shots are required for cats to show.
3. Cats entered in the Decorated Cat Cage class must provide their own cage.
4. All cats should be pre-entered to show.

Domestic Cat

- Class 2130 Male Kitten (six months to a year)
- Class 2131 Female Kitten (six months to a year)
- Class 2132 Male Adult (over one year)
- Class 2133 Female Adult (over one year)

Purebred Cat

- Class 2134 Male Kitten (six months to a year)
- Class 2135 Female Kitten (six months to a year)
- Class 2136 Male Adult (over one year)
- Class 2137 Female Adult (over one year)
- Class 2138 Decorated Cat Cage

OPEN CLASS CATS

*Open Class - The same classes as 4-H are available.

4-H ARTS/VISUAL ARTS

Osage City Marjorie Vaughn & Dorothy Christason Junior: .
Overbrook Gina Shultz Junior: Lily Shultz

***Art exhibits are not eligible for State Fair Competition**

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-Hers must be enrolled in 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

4501 - 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.

4502 - 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.

4503 - Leather and Jewelry

Any leather stamping, carving, tooling, lacing, or stitching piece or any jewelry piece made from any medium are acceptable exhibits.

4504 - 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.

4505 - General Crafts

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

4-H ARTS/VISUAL ARTS continued

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.

Rock Springs

Some artwork will be selected to be on display at Rock Springs 4-H Center during 2021-2022. 4-H members should include an Art Release Form, available from their Extension Office, with their exhibit indicating their willingness to have their art displayed at Rock Springs for a year. The release form will be removed at check-in and filed by county/district to expedite the selection process. Previous Rock Springs display items will be returned to Extension Units upon the conclusion of the State Fair.

4-H BANNERS & BOOTHS
Osage City Gina Shultz & Shultz Family
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.

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 2591 4-H Club Booth

4-H CLOTHING

Superintendents

Osage City: Gina Shultz

Junior: Kelsie Quaney,

Overbrook: Boni Butel

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: A) Type or print on 3x2 ½" piece of cloth: Class, County, Name, Address.

B) Sew label on inside of garment (back of neck, center back of waistband, or left end of apron band). Label each piece. C) No straight pins may be used to attach labels.
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. Exhibits may be in the form of a poster, notebook or display. Follow Copyright laws. 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. County/District must be clearly marked on the educational exhibit.
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.
11. Classes 2708 and 2709 (Purchased) are **not** eligible for state fair competition.

Class 2700	An article, garment, or outfit constructed by a 7-8 year old exhibitor
Class 2701	Educational exhibit prepared by a 7-8 year old exhibitor
Class 2702	An article, garment, or outfit constructed by a 9-11 year old exhibitor
Class 2703	Educational exhibit prepared by a 9-11 year old exhibitor
Class 2704	An article, garment or outfit constructed by a 12-14 year old exhibitor
Class 2705	Educational exhibit prepared by a 12-14 year old exhibitor
Class 2706	An article, garment or outfit constructed by a 15-18 year old exhibitor
Class 2707	Educational exhibit prepared by a 15 to 18 year old exhibitor
Class 2708	Purchased outfit Girl. Attach a 8 ½ x 11 sheet of paper (preferably unfolded in a clear plastic folder), using string to hang it on the hanger. Include a story, why the outfit was purchased, where you plan to wear the garment, how it coordinates with other outfits in your wardrobe, how it flatters you as an individual. Include also, cost, fiber content, care instructions, and accessories to be worn with the outfit. Include the picture of a 4-H member in the outfit.
Class 2709	Purchased outfit Boy. Same rules as Purchased Outfit-Girl applies to this class.
Class 2710	Recycled Clothing Project

4-H ENERGY MANAGEMENT

Superintendents

Osage City: Hubba & Alicia Rumold

Junior:

Overbrook: Gina Shultz

Junior: Lily Shultz

1. Read General Rules.
2. Only those who have met the requirements of the electric, small engine, or wind energy project are eligible to exhibit in this division.
3. No exhibitor may enter more than one article in each class. Label each article giving owner's name, address, county, name of article, and class. A typewritten identification tag placed with masking tape, or tied to the exhibit is preferred.
4. Article may have been used, but if so must be cleaned before exhibiting.
5. Sheet of operating instructions should be furnished for any exhibit not self-explanatory.
6. Exhibit should be able to be operated. If battery power is required, batteries should be furnished.
7. Any project with complexity of size or electronics must have: 1) instructions for assembly and use and 2) equipment available at the time of judging for actually testing of exhibit.
8. No hand dipped solder may be used on exhibits.
9. Items that have been in use should be cleaned for exhibit.

Electrical and Electronics

- Class 2750 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 2751 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 or three way switches, difference between series/parallel lighting circuits or wiring doorbell switches. All DC electric projects must include batteries supplied by 4-H'er. Projects must be constructed such that the judges have access to examine the quality of wiring workmanship.
- Class 2752 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. May be constructed using printed circuit board, wire wrap, or breadboard techniques. Include instruction/ assembly manual if 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 2753 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'.

Small Engines

All exhibits should involve engines smaller than 20 horsepower for classes 2754-2756. Displays are limited to 4' wide and 4' deep - both upright and floor displays.

- Class 2754 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 work; 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. Maximum tri-fold size is 3' X 4'.
- Class 2755 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 using a maximum tri-fold size of 3' X 4'.
- Class 2756 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. Engine should contain no fuel in tank or carburetor.

Wind 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 2757 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 2758 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.

4-H ENTOMOLOGY

Osage City: Pam & Jeff Whitmer Junior: Kevin Whitmer

Overbrook: Gina Shultz Junior: Lily Shultz

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 and do not have a glass top. **Please visit the website listed above for box instructions and plans.**
2. 4-Hers may choose to use one of two taxonomies:
 - a. As printed in "Insects in Kansas" book or
 - b. As printed on the "Insects in Kansas Book: 2016 Revised Taxonomy", which follows 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. 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.

7. Only specimens of the class Insect a should be included.

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

9. 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.

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 4900 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 4901 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 4903 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 - Odonata, Orthoptera, Hemiptera, Coleoptera, Hymenoptera, and/or Diptera **On a piece of paper:** list what you did to improve your collection during the current year. Members can exhibit in this class a maximum of 3 years. A 4-H'er may move up if they receive a purple ribbon.

Class 4905 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. On a piece of paper list what you did to improve your collection during the current year. Examples: what insects did you add or replace; what orders and/or families you added; what Leadership you provided in this project; and/or what insects you have studied. Attach paper to the back of one of the display boxes. 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.
2. 4-Hers may choose one of two taxonomies:
 - a. As printed in "Insects in Kansas" book or
 - b. As printed on the "Insects in Kansas Book: 2016 Revised Taxonomy", which follows www.bugguide.net
3. 4-H'ers 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.
4. Each exhibitor is required to identify the notebook by placing a Title Page in the front of the notebook bearing the exhibitor's name, county or district and class 4- H'er is enrolled in and statement of taxonomy used:
 - a. "Insects in Kansas" book or
 - b. "Insects in Kansas Book: 2016 Revised Taxonomy", which follows www.bugguide.net

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

5. 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.
6. Date, common name, full county name, state abbreviation and collector name should be included for each species. Collector's name on the specimen page is optional.
7. Specimen pages should have two different views of the insect if possible. If pictures are taken on different dates/localities, include information for both.

8. 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.
9. 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 and also on the front of the divider page.
10. For the Intermediate and Advanced classes, insects are also to be grouped by family behind each order divider.
11. If the exhibitor has been in the same class for more than one year, a separate sheet of paper needs to be added stating how many years the exhibitor has been in this class of the project and what the exhibitor did this year to improve their notebook. Place the paper just behind the Title Page in the front of the notebook.
12. A special project must be completed each year and included in the notebook. See project guideline materials for specifications.
13. Refer to the publication "[Entomology Collection Notebook Guidelines](#)" on the Kansas 4-H Entomology web page for more detailed rules for exhibiting.

Class 4907 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 4908 Beginning Entomology Notebook

Display a minimum of 20 and a maximum of 60 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 4909 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 - 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'er may move up if they receive a purple ribbon.

Class 4910 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 (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.

4902 BEGINNING EDUCATIONAL EXHIBIT

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

4904 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.

4906 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.

4-H FOOD-NUTRITION

Osage City: Kathy Webster Junior: Braelyn McNally, Allie Reeser, Brody Thompson

Overbrook: Keri Harris

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 gummed 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 and county or district.** 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, and County or District.
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**. Only the exhibit is judged. The container is not judged.
 11. For food safety purposes any food with custard and dairy-based fillings and frostings (ex. cream cheese, 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.
- 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 may attach an index card, no larger than 3” x 5” with the entry form to give the judge any information which the exhibitor thinks would be helpful for the judge to know.

Foods:

- | | |
|------------|--|
| Class 2900 | For 7 - 8 year old exhibitors; a non-perishable food product from the 4-H Foods and Nutrition Curriculum or similar recipe. |
| Class 2901 | Educational exhibit prepared by 7 - 8 year olds. |
| Class 2902 | For 9 - 11 year old exhibitors; a non-perishable food product from the 4-H Foods and Nutrition Curriculum or similar recipe. |
| Class 2903 | 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 2905 | Educational exhibit prepared by 12 - 14 year olds. |

- Class 2906 For 15 - 18 year old exhibitors; a non-perishable food product from the 4-H Foods and Nutrition Curriculum or similar recipe.
- Class 2907 Educational exhibit prepared by 15 - 18 year olds.
- Class 2908 Food Gift Package. No alcoholic beverages will be accepted. A food gift package must contain at least 3 different food items (prepared for human consumption), prepared by the 4-Her, in a suitable container no larger than 18" x 18" X 18". **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. 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.

Food Preservation:

1. Read General Rules.
2. Exhibits must have been preserved since the member's previous year's county fair.
3. Recommended recipes and processing methods must be used. Recipes must be from 1995-present AND MUST BE ADJUSTED FOR ALTITUDE 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. For more information on electric multi-cookers, see 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
- So Easy to Preserve, 6th edition, The University of Georgia Cooperative Extension Service
- Ball Blue Book Guide to Preserving
- All New Ball Book of Canning and Preserving
- Canning mixes (i.e. Mrs. Wage's, Ball)
- Pectin manufacturers (i.e. Sure-Jell, Ball)
- <http://www.rrc.k-state.edu/preservation/recipes.html>

Refer to following K-State Research and Extension publications for more information.

4H712, Food Safety Recommendations for Food Preservation Exhibits (<http://www.ksre.ksu.edu/bookstore/pubs/4H712.pdf>)

MF3170 "10 Tips for Safe Home-Canned Food" (<http://www.ksre.ksu.edu/bookstore/pubs/MF3170.pdf>)

MF3171 "Sassy Safe Salsa at Home" (<http://www.ksre.ksu.edu/bookstore/pubs/MF3171.pdf>)

MF3172 "What's Your Elevation?" (<http://www.ksre.ksu.edu/bookstore/pubs/MF3172.pdf>)

MF3241 "How to Guide to Water Bath Canning and Steam Canning" (<http://www.bookstore.ksre.ksu.edu/pubs/MF3241.pdf>)

MF3242 "How to Guide to Pressure Canning" (<http://www.bookstore.ksre.ksu.edu/pubs/MF3242.pdf>)

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 altitude where food was processed. If using Mrs. Wage's or Ball mixes, indicate the date the mix was purchased.
7. Exhibits must be sealed in clean clear standard canning jars, with matching brand (ex. use Ball lids with Ball jars, or Kerr lids on Kerr jars, etc.) two-piece lids. Do not use colored jars. Do not add fancy padded lids, fabric overwraps, or cozies as they interfere with the judging process. 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.** 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, Altitude 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. Templates to make adhesive labels may be found at: https://www.kansas4-h.org/events-activities/fairs/kansas-state-fair/docs/foods-and-nutrition/Foods_Label.pdf
9. Classes 2950-2955 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. All meat jerky must be heated to an internal temperature of 160 degrees F before or after drying. This is not the drying temperature. Dried products must include the recipe, preparation steps and heating instructions. 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" - www.ksre.ksu.edu/bookstore/pubs/MF3173.pdf

Class 2950	Sweet spreads, fruit and/or vegetables, syrups -1 jar
Class 2951	Fruits, juices, fruit mixtures (salsas, pie filling, etc.) - 1 jar
Class 2952	Low acid vegetables (green beans, corn, or vegetable mixtures, etc.) - 1 jar
Class 2953	Pickles (fruit or vegetable) fermented foods and relishes and chutney - 1 jar
Class 2954	Tomato/Tomato Products, tomato juice and tomato salsas - 1 jar
Class 2955	Dried Meats - 1 jar
Class 2956	Dried Foods – 1 small jar

4-H FORESTRY

Osage City: Willing Workers 4-H Club

Overbrook: Gina Shultz

Junior: Lily Shultz

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) location (city and/or county) where collected; and (3) 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 & LAPIDARY

Superintendents Osage City Willing Workers 4-H Club

Overbrook Gina Shultz

Junior: Lily Shultz

1. Read General Rules.

2. The exhibit box 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 should not exceed 18"x24"x31½".

3. Each exhibitor is required to identify each display box by placing an identification label bearing name, county or district, and number of specimens in the upper left- hand corner of the Plexiglas cover (inside – use clear double sided tape to adhere gummed labels) 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 (3040-3043). Exhibitor may also show in Geology class 3044 (special exhibits), 3045 (mineralogy) and 30456 (Fossil) 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 3050, 3051, 3052 and 3053, specimens should be mounted in the box by proper groups: rocks, minerals, fossils. Fossils must be identified to the Phylum, Class and Genus level. Genus name is to begin with a capital letter. Species name is all lower case. Genus and species names must either be 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 3050, 3051, 3052 and 3053, and 3055 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. The current year specimen number rule shall be modified for the 2020 4-H year for geology exhibit state fair classes 5200, 5201, 5202 and 5203, due to these extraordinary circumstances, to read: Five (5) specimens must be collected during the current 4-H year.

Geology:

- Class 3040 Display at least 15 rocks, minerals, and fossils collected during the current 4-H year. Limited to one exhibit box.
- Class 3041 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 3042 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 3043 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 3044 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. Digital formats are accepted. Please make arrangements for the judge to view your exhibit and have a hard copy for display. Exhibit limited to 4' of table space. Exhibitor may also exhibit in lapidary class.
- Class 3045 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: CaCO₃ for calcite) if known.
- Class 3046 Fossils. 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, Pennsylvanian, etc.) See #5 for additional fossil labeling expectations.

Lapidary:

Lapidary will be judged on the following criteria:

Workmanship, and Content – 60 points

Presentation and Showmanship – 30 points

Accuracy of information – 10 points

Lapidary exhibit boxes may be a standard size, 18" x 24" x 3 ½" or a smaller 18" x 12" x 3 ½" size if appropriate. Specimens should be arranged across the 18" dimension of the exhibit box. All boxes must have a removable Plexiglas cover. 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 3056 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 3057 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'er collect any of these. Locales must be identified. Lapidary work should be done during the current 4-H year.
- Class 3058 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 3059 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'er, 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 3060 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 3060. Please note that each member is limited to one entry in this class.

4-H HERITAGE FIBER ARTS

Osage City Gina Shultz

Overbrook Gina Shultz Lily Shultz, Jr. Asst

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 as 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 90% 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 3100 Crochet, an article, including felted items. (See #7above.)

Best Crochet Award (Osage City Only)
sponsored by Martha Kuykendall Memorial.

- Class 3101 Knitting, an article made either by hand or by knitting machine, including felted items. (See #7 above.)
- Class 3102 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 3103 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 3104 Rug making, a rug. Accepted techniques include braiding, latch hook, tying, floor cloth, etc.
- Class 3105 Spinning, a skein. Minimum 10 yards in length.
- Class 3106 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 3107 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 knit ted 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 3108 Macramé, an article

Class 3109 Fiber Arts Educational Notebook

4-H HOME ENVIRONMENT

Osage City: Gina Shultz

Junior:

Overbrook: Gina Shultz

Junior: Lily Shultz

1. Read General Rules.
2. All exhibits must be the result of improvements made during the current 4-H year.
3. Only one exhibit may be made in each class. A member may only take one exhibit to the state fair.
4. A summary including plans, explanation of how the items was made or refinished, and how it fits into the color and design of the room. Summary could also include project inspiration, challenges, who helped you, and any other information that could be helpful to the judge. Summary should be in a plastic protective sleeve and attached to exhibit.
5. Projects with missing or insufficient summary will be lowered one ribbon placing (i.e. a blue ribbon exhibit will receive a red ribbon).
6. Exhibits should be of high quality (as compared to quick, simple crafts), suitable for use in the home several months throughout the year. Holiday specific items are discouraged.

SINGLE EXHIBITS

Exhibit an article made by the 4-Her for the home. Include explanation of how it was made, cost, pictures, plans, pattern, etc. Explanation can be on a poster, in a story, or other method. (If a pair is exhibited, include both). Explanation will not be judged, but will qualify exhibit to be judged and will be helpful to the judge and fair audience.

Class 3200 Single Exhibit. An article (furniture, fixtures, interior or exterior, etc.) made or refinished by the 4-H member for the home. Must include attached summary.

Class 3201 Design Board. Boards must be on foam core or a standard tri-fold display. Include: color scheme, wall treatment, floor treatment, samples, etc. and/or floor plan for a room. Must include attached summary.

Class 3202 Notebook.

Notebooks may include floor plans, swatches, colors, stories, photographs, and project records which detail what was accomplished this year with a given indication of long-term plans. Notebooks should also include project inspiration, challenges, who helped you, and any other information that could be helpful to the judge. Additional summary is not required for Notebook exhibits.

4-H HORTICULTURE

Osage City: Willing Workers

Junior: Kevin Whitmer

Overbrook: Lily Shultz

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	Watermelon
Large Pumpkin	Squash
Eggplant	Cantaloupe

Small Vegetables - Twelve Each

Green Snap Beans	Radishes
Wax Beans	English Peas

Or Similar sized vegetables

Medium Vegetables - Five Each

Beets	Okra
Potatoes	Peppers
Onions	Sweet Potatoes
Carrots	Cucumbers
Tomatoes	Decorative Gourds
Miniature Pumpkin	or similar size vegetable

Small Fruits - One Half Pint Box

Blackberries Raspberries

Strawberries

Or other similar sized fruits

Tree Fruits - Five Each

Apples Grapes (2 Bunches)

Pears Peaches

Or other Similar sized fruits

- Class 3301 Small vegetable specimen plate (12) Ex: green snap beans, yellow wax beans, radishes, other small vegetables.
- Class 3302 Medium vegetable specimen plate (5) Ex: cucumbers, cherry tomatoes, tomatoes, beets, white onions, yellow onions, red onions, bell peppers, other peppers, okra, parsnips, radishes, turnips, sweet potatoes, red potatoes, white or Russet potatoes, carrots, miniature pumpkins and decorative gourds, or other medium vegetables.
- Class 3303 Large vegetable specimen plate (1) Ex: watermelon, summer squash, winter squash, large type pumpkin, eggplant, cabbage, cantaloupe, other large vegetable.
- Class 3304 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 3305 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 3306 Tree fruits (plate of 5) Ex. apples, pears, peaches, or similar sized fruits.
- Class 3307 Grapes (plate of 2 bunches).
- Class 3311 Annual Garden Flower, cut specimen, single stem.
- Class 3312 Perennial Garden Flower, cut specimen, single stem.
- Class 3313 Fresh Flower Arrangement, flower materials must be grown and/or collected by exhibitor, not purchased.
- Class 3314 Dried Flower Arrangement, no fabric or plastic material allowed.

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 3315 Potted plants (not eligible at the State Fair)

Class 3316 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-Hers 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 CROPS

Osage City: Willing Workers 4-H Club

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.

Corn-Ten Ear Exhibit

Class 3400 White. Variety or hybrid must be named.

Class 3401 Yellow. Variety or hybrid must be named. **Sorghum-Ten Head Exhibit**

Class 3402 Hybrid grain sorghum. Hybrid must be named.

Class 3403 Hybrid forage sorghum. Exhibit to consist of the entire plant; no roots.
Hybrid must be named.

Class 3404 Other forage sorghums. Exhibit to consist of the entire plant; no roots.
Variety must be named.

Wheat-One Gallon Sample

Class 3405 Soft red winter wheat. Variety or hybrid must be named.

Class 3406 Hard red winter wheat. Variety or hybrid must be named.

Class 3407 Hard white wheat. Variety or hybrid must be named.

Sunflowers

- Class 3408 Confectionery heads. 3 heads must be submitted.
- Class 3409 Confectionery seeds in jar. 1 gallon jar must be submitted.
- Class 3410 Oil seed heads. 3 heads must be submitted.
- Class 3411 Oil seeds in jar. 1 gallon jar must be submitted.

Other Crops

- Class 3412 Oats: Exhibit to consist of one gallon sample. Variety must be named.
- Class 3413 Barley: Exhibit to consist of one gallon sample. Variety must be named.
- Class 3414 Alfalfa: Exhibit to consist of one gallon sample. Variety must be named.
- Class 3415 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 3416 Grass Hay: Ten inch flake or slice, 6 inches thick and tied in two directions. Variety must be named.
- Class 3417 Brome Grass: Exhibit to consist of one gallon sample of seed.
- Class 3418 Other Tame Grasses: Exhibit to consist of one gallon sample of seed.
- Class 3419 Soybeans: Exhibit to consist of one gallon sample of seed from most recent harvest. Variety must be named.
- Class 3420 Soybeans: Bundle of five plants from most recent harvest. Variety must be named.
- Class 3421 Edible field beans: Exhibit to consist of one gallon sample of seed from most recent harvest.
- Class 3422 Edible field beans: Bundle of five plants (with roots intact) from most recent harvest.
- Class 3423 Miscellaneous Crops: Exhibit to consist of one gallon sample of seed or 10 heads produced from current project. Variety must be named.
- Class 3424 Honey. 1 jar. (Not eligible for State Fair.)

4-H/FFA WEED CONTROL EXHIBIT

Osage City Willing Workers 4-H Club

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 obtained in which 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.

Class 3450 Weed Control Exhibit – Exhibit consists of the four items above.

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%

4-H/FFA WHEAT VARIETY PLOT DISPLAYS

Osage City: Willing Workers 4-H Club

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.

Class 3460 Wheat Variety Plot Displays

4-H/FFA AG MECHANICS

Osage City: Willing Workers 4-H Club

Junior: Cole Thompson1.

4-H members must be currently enrolled in the Kansas 4-H STEM – 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 robot 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 breaking mechanism which prevents the exhibit from freely rolling while on display

5. Each exhibit must be free-standing or sufficiently supported by an exhibitor supplied support system that is moveable and is part of the total dimension's and weight of the exhibit as described previously. Exhibit boards should have a portable and moveable base. No exhibits may be staked to the ground for display.

6. Top heavy items should be braced or placed in a stand sufficient to prevent it from toppling over while on display

7. Exhibits may not be bound, affixed, attached to the State Fair buildings, except by the superintendent, State Fair Staff, or State Fair Extension Staff.

8. 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.⁸⁰

9. Repair projects having adequate original finish need not be repainted

10. 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.

11. 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.

12. If the exhibit is powered by flammable liquids (gas, propane, kerosene, etc.) the fuel tank and lines 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

13. Electric powered (battery, corded, solar, or alternative energy) should have a primary shutoff or disconnect switch

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

15. The exhibitor’s name(s) and county or district must be tagged or labeled in a prominent location on the display

16. Each exhibit must include an Ag Mechanics information packet. Entry of just a packet without an accompanying exhibit is not a sufficient exhibit.

17. Each exhibitor is required to complete the “4-H STEM Ag Mechanics Exhibit Information Form” which is available through your local K¹² State Research and Extension office or at www.STEM4KS.com. This form must be attached to the outside of a 10” x 13” manila envelope. Do not tie the envelope to the exhibit.

18. Each exhibit information packet should include the following items:

- a. Bill of materials for the project with associated costs, 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 appropriate schematics or working drawings relating to the creation or repair

(4-H MISCELLANEOUS

Osage City: Gina Shultz
Overbrook: Gina Shultz

Junior:
Junior: Lily Shultz

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.

4-H STEM ARCHITECTURAL BLOCK CONSTRUCTION

Osage City: Willing Workers 4-H Club

Junior: Cole Thompson

Description: The STEM ABC exhibit area is a new STEM project for 2021. The project is starting with an emphasis on using architectural blocks ("Legos") to construct dioramas. Please direct project feedback to Shane Potter. This project allows youth to explore architectural design in a three dimensional space. The intent is for this program start with foundational ideas of architecture, some of which youth may already have, and allow youth to continue to build on this knowledge becoming more and more experienced.

1. 4-H members must be currently enrolled in the Kansas 4-H STEM – Architectural Block Construction 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 insure sufficient space for all exhibitors
4. Total exhibit dimensions may not exceed 2 feet high, by 2 feet wide, by 2 feet deep.
5. All exhibits should be placed in a sturdy see through enclosure with a top, bottom, and 4 sides. A fish tank would be an acceptable enclosure. This is to keep exhibit parts from being "scattered to parts unknown" at the fair. The outer dimensions of the enclosure are part of the total exhibit dimensions.
6. All components used in construction should be dust free, clean, free of chips, scuffs, or cracks
7. The primary building component should be interlocking blocks, commonly referred to by the brand name of Lego®
8. . Other architectural components can be integrated into dioramas to illustrate architectural aspects that may be difficult to convey with traditional interlocking blocks
9. 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 are using individual bricks to create something different than the architectural component of the set it came from.
10. Displays must have significant architectural components (walls, windows, doors, roofs, canopies flying buttresses, etc.), landscapes are discouraged
11. Architectural elements should have a consistent look, walls with no pattern or consistency will be deducted one ribbon placing

12. Gaps or cracks should not be visible between assembled blocks
13. Doors should open and close, windows can be either fixed or open and close.
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. Reveals that show the inside of a structure are acceptable, such as only having three walls to allow an unobstructed view into a room.
16. 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.
17. Artistic designs with no architectural design/components are not permitted and two ribbon placings will be deducted
18. The exhibitor's name(s) and county or district must be tagged or labeled in a prominent location on the display
19. Each exhibit must include an Architectural Block Construction information packet. Entry of just a packet without an accompanying exhibit is not a sufficient exhibit.
20. Each exhibitor is required to complete the "4-H STEM Architectural Block Construction Exhibit Information Form" which is available through your local K-State Research and Extension office or at www.STEM4KS.com. This form must be attached to the outside of a 10" x 13" manila envelope. Do not tie the envelope to the exhibit.
21. Each exhibit information packet should include the following items
 - a. At least one drawing of the desired architecture on graph paper, multiple views (top, front, side) are preferred
 - b. 1 to 5 pages of photos showing work on the exhibit, preferably from a beginning state to final or completed state
 - c. If appropriate operating instructions for mechanical portions of the diorama
22. Additionally exhibitors are required to create a video about their project discussing their construction experiences the architectural elements of the diorama. This allows judges to get a better understanding of the exhibit and allows youth the opportunity to fully explain their exhibit. The video should be no longer than 8 minutes and should be placed on a USB drive. These videos may also be considered for inclusion in a running video loop in the STEM area at the state fair after review by judges, superintendent(s), and extension staff. Adult guardians must complete the video release included with the exhibit form. If the release is not completed the video will not be included in the video loop on display in the STEM area at the Kansas State Fair.
23. STEM Superintendent(s) will be present on the first Friday of the fair at 5:00 pm to convey judging criteria and to answer questions for exhibitors. Consultation/Interview judging is not available during judging.
24. Architectural Block Construction exhibits may be checked out for use in a Kansas State Fair 4-H demonstration or 4-H illustrated talk with prior permission. For permission, check with the superintendent or Shane Potter. The exhibit must be returned to display immediately after the demonstration/illustrated talk or the exhibit will be disqualified.

Introductory - Level 1 classes (about 1 - 3 years of experience)

5710 Diorama illustrating at least 2 architectural features beyond floors, ceilings, and walls

Experienced – Level 2 classes (about 4 - 6 years of experience)

5711 Diorama illustrating at least 4 architectural features beyond floors, ceilings, and walls, and includes 1 or more motion elements

Advanced – Level 3 classes (about 7 - 9 years of experience)

5712 Diorama illustrating at least 6 architectural features beyond floors, ceilings, and walls, and includes 2 or more motion elements

Master – Level 4 classes (10 or more years of experience)

5713 Diorama illustrating at least 8 architectural features beyond floors, ceilings, and walls, and includes 3 or more motion element

Class 3250	Posters
Class 3251	Notebooks
Class 3252	4-H Reading Project Notebook
Class 3253	4-H Officer Notebooks
Class 3254	Other Miscellaneous exhibits (Osage City Fair Class)

4-H PHOTOGRAPHY

Osage City: Kara Thompson & Kandy Anderson

Junior: Josie Thompson & Trista Anderson

Overbrook: Darcy Sund

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. 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 foam core or poster board will not be displayed.
5. Remove white border from the photo print before mounting. All photos must be no larger than 8" x 10" and no smaller than 7" x 9", after trimming.
6. 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.
7. A full coverage permanent mount (spray adhesive recommended or heat mount) must be made. Each photo is handled numerous times (up to 25) throughout judging, sorting, and display process.
8. No lettering, including dates, is permitted on the front of the mount or on the photo, only on the form provided. No underlays or borders are to be used. Forms are available at the Extension Office or online at www.kansas4h.org.
9. All photos must be exhibited in the photo bags available from the Extension Office.
10. Photographs taken with a digital camera and having no more adjustments than exposure, color intensity or correction, one click filter effects, red eye removal, cropping, dodging and burning should be entered in the standard color or black and white classes. HDR photos are to be entered in the standard photo class.
11. Digital images that have had objects added or removed, multiple filter effects applied or black and white and color combined must be entered in the class for Computer Manipulated Photos (class 3504). See rules for class 3504 for additional requirements.
12. On the back of the mount, write; The exhibitor's name, address, photo class, and location where the photograph was taken. Please use full district name and county name.
13. The Black and White Classes are for black and white prints only. Monochromatic prints, including sepia prints are considered color photos and must be entered in the appropriate color photo class.

14. Photos entered in any class of the 4-H Photography Division at the State Fair may be used in State Fair 4-H Photography judging contest. Entry of a photo in the 4-H Photography Division contest grants permission to use the photo in the

4-H Photography Judging Contest.

15. 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.

16. Digital Composite Image: Finished photo must be created from two or more original images photographed by exhibitor. HDR photos do not qualify for this class. Photos will be judged on photographic merit as well as manipulation technique and process. Ribbon placement will be determined by combining the score of each judging section.

17. Appropriate photo 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.

18. Photos with live subject(s) on railroad right away or taken from railroad right of way property will not be displayed in Kansas 4-H Photography and will be **disqualified and not judged**.

19. Copyright protections must be observed.

20. Decisions as to display and/or penalties will be made by the Photography Department Superintendent and the 4-H Specialist responsible for the photography department.

Class 3500 For color photos taken by a 4-H member with 3 years or less in the project.

Class 3501 For color photos taken by 4-H member with 4 - 7 years in the project.

Class 3502 For color photos taken by a 4-H member with 8 or more years in the project.

Class 3503 Black and white photos taken by a 4-H member with 3 years or less in the project.
(Black and white prints only).

Class 3504 Black and white photos taken by a 4-H member with 4-7 years in the project.
(Black and white prints only).

Class 3505 Black and white photos taken by a 4-H member with 8 years or more in the project.
(Black and white prints only).

Class 3506 Digital Composite Image. Photo must be created from two or more originals taken by the exhibitor. Exhibitor must include a second 11 x 12- 1/2 matte board (Explanation Board) mounted with standard size prints of the original photos, 3 x 5 card(s) explaining what manipulation was done and a standard size print of the final photo. Optional, may include prints of editing steps. Photos showing editing steps may be layered. Please put name and Extension Unit on the front of the second board. Explanation Boards will be displayed along with the finished board. Place both matte boards in the same protective plastic bag. **Note: See Rule 16 above classes for definition.**

Class 3507 Growth Portfolio

1. Member must have been enrolled in Photography project for five (5) years or more.
2. Exhibit will consist of 5 (five) photos - one from each of the past 5 years of enrollment. Each photo must have been created in a different year and must be labeled with year taken and which year of enrollment it represents.
3. Photos must be 8" x 10" and may be color or black and white.
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. Skill set used to create the photo must be given and explained. Main goal for each year should be listed.
6. Beginning with photo 2, member description of GROWTH in project skill must be included on information sheet.
7. Exhibit will consist of photos arranged in chronological order of enrollment, information sheet on each photo, and all information listed in #6 and #7. A portfolio book will be required.

Class 3508 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, Photo Journalism, Black and White, Nature/Wildlife or Graphic Design (computer skills with photos). Photos may have been created over multiple project years.
3. Photos may be color except if Black and White option is chosen.
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.

NOTE: A member may enter only one portfolio each year. Portfolio must have qualified at the County/District Level beginning with 4-H year 2021- 2022. For State Fair 2020 and 2021 no County/District is required.

4-H SHOOTING SPORTS

Osage City: Willing Workers 4-H Club

Junior: Dylon Harris

Overbrook: Gina Shultz

Junior: Dylon Harris

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 and to show at the county fairs.

2. A member may make only one entry in this division.

3. Exhibits in this division are open to educational displays, promotional posters, or notebooks. 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. **Entries will prominently incorporate the 4-H Clover with KSRE co-branding and should include the Kansas 4-H Shooting Sports emblem. Failure to do so will penalize the entry one ribbon color.**

4. The *educational display must be the standard tri-fold board ONLY, must not exceed standard tri-fold: 3'X4'; *Promotional posters must be flat and no larger than 22" X 30". *Notebooks No larger than 8 ½ X 11. **THE EXHIBIT SIZE RULE WILL BE STRICTLY ENFORCED! Exhibits exceeding the size guidelines will be penalized one ribbon color.**

4. EXHIBITORS MUST COMPLY WITH STATE AND FEDERAL LAWS. 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. Please remember that neither the three Osage County Fair Boards, the department of 4-H Youth Development, nor Kansas State University Research and Extension are liable for the loss or damage of any personal property included as part of your poster, display, or notebook.

5. Name, county or district, age and year in project should be on the front of the poster, display, or notebook.

6. Exhibits will not be accepted if they are related to loads.

7. Educational Displays will be judged on the following points:

- Stopping Power.....	15
- Interest, Holding Power.....	15
- 4-H Project Application.....	15
- Mechanical Power	5
- Personal Growth.....	25
- Educational Value.....	25
Total.....	100

8. Posters will be judged on the following points:

- Stopping Power.....	30
- Interest, Holding Power.....	30
- 4-H Project application.....	25
- Mechanical Power.....	15
Total.....	100

Class 3600 Educational Display. Must be directly related to the 4-H shooting sports project.
(Standard tri-fold boards only, no larger than 3'X4').

Class 3601 Promotional Poster. Must promote 4-H Shooting Sports. (Flat poster no larger than 22" X 30")

Class 3602 Notebook. Contents pertain to some phase, results, story or information about
4-H Shooting Sports.

4-H STEM - Astronomy

Osage City: Willing Workers 4-H Club

Overbrook: Gina Shultz

Junior: Lily Shultz

4-H STEM – Astronomy

1. The 4-H member must be currently enrolled in the 4-H STEM– Astronomy project to exhibit in this division.

2. Each exhibitor may enter one exhibit per class. **Exhibit must have been completed during the current 4-H year and have been selected at the county level for entry at the State Fair level.** Counties or districts should select only top blue or purple ribbon Astronomy exhibits **which meet State Fair guidelines.**

3. Telescopes entered in this division may be built from a kit or by original design. Pre-finished telescopes which require no construction or painting are not acceptable exhibits.

4. 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.
5. Each State Fair telescope exhibit must include a “4-H Astronomy Exhibit Information Form” which should be attached onto the outside of an 10”x13” manila envelope. You must also include construction plans (or a photocopy) of the telescope and place it inside the manila envelope. For notebooks, display boards, and posters, no additional exhibit information is required; no manila envelope is needed for these exhibits.
6. See the last section for full details about exhibiting posters, display boards and notebooks.
7. 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.
8. The telescope must be properly assembled and painted with a smooth and uniform finish. Decals, if used, should be attached smooth and tight.
9. Telescopes designed by the exhibitor must be original, not a modification of an existing kit.
10. 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.
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.

Class 3700 Telescope made from kit

Class 3701 Telescope made from an original design

4-H STEM - Computers

1. The 4-H STEM - computer project teaches concepts related to computers, hardware knowledge, software programming and applications, internet safety, the building, maintenance and repair of computers and future career opportunities. Please note that the actual construction of computer hardware (i.e., building a computer, electronic devices with a mother-board based manipulation) will remain in the Energy Management division.
2. The 4-H members must be currently enrolled in the 4-H STEM– computers project to exhibit in this division.
3. Each exhibitor may enter one exhibit per class. Exhibit must have been completed during the current 4-H year and have been selected at the county level for entry at the State Fair level.
4. Exhibitor’s name, county or district, 4-H 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. See the last section for full details about exhibiting posters, display boards and notebooks.
6. If the notebook illustrates the creation, talks about, or shows the result of an app, application, executable, program, or other compiled /interpreted “source code,” a copy of the source code should be included. (In other words if you created an app for a smart phone and you're illustrating that app, you should include the code you used to build the app). Failure to include a copy of the “source code” may result in up to one ribbon place deduction.
7. 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.

4-H STEM - Computer Systems

The Kansas 4-H STEM- Computer Systems portion of the computer project is designed to allow 4-H members to explore how *information* is moved from one part of the computer to the other; how *information* is moved between two or more computer systems (networking); how *information* is stored; or how *information* is acted on (programming).

Any item which is not a notebook, display board, or poster displayed in this class is considered a “computer system” exhibit and MUST follow the rules set forth below.

1. All exhibits must be :

a. self-contained on a USB drive (thumb drive, flash drive, jump drive, or other any other name for a small USB storage device; the rules will use “USB drive”). This means that a judge can plug in the USB drive into a computer and be able to run the exhibit as described below.

OR

b. System-On-A-Chip (SOC) (such as Raspberry Pi) or a Micro-Controller (such as an Arduino or Ozobot) AND is a compact (less than 4 8”X 4 8”X 4 8” system, which can be programmed AND requires minimal assembly to operate (e.g. connecting power, display, and keyboard/mouse cables). Referred to as a “chip system” through the rest of the rules.

2. Physical computers such as tablets, smart phones, laptops, or personal computers (PCs) will not be accepted as an exhibit.

3. “Chip systems” may use/include GPIO bread boards or HATs (Hardware Attached On Top) the size of which is not included in the size of the chip system, however the total size of the chip system and GPIO devices may not exceed 24”X24”X24” including any protective enclosures.

4. Any attached GPIO devices are not judged for electrical construction or quality as this division is focused on the operational aspects of the systems that have automated articulated structures (arms, wheels, grippers, etc.) which the exhibitor constructed, can be classified as a robot, and the exhibitor must decide which division to exhibit in as the exhibit may not be entered in the both divisions.

5. For chip systems, all electric components of the system must be adequately covered or concealed with a protective enclosure. Paper is NOT considered an adequate enclosure or covering for the electrical components.

6. All revisions of all forms previously released for the Space Tech 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 Kansas State 4-H Office for the current year. Use of old forms will result in the loss of one ribbon placing for exhibits.

7. For all computer system entries the following items are required as part of an exhibit packet:

- a. A manila envelope with the Computer Exhibit Form attached to the front, this form can be downloaded at www.STEM4KS.com
- b. A USB drive labeled with the 4-Hers name, county/district, and club; in a way that does not prevent it from being plugged into a computer.
- c. For exhibits that are entered on USB drives a least one (1) graphic (picture, screen shot/capture, slide, etc.) of the project must be printed out on an 8.5" X 11" sheet of standard computer paper, placed in a plastic sheet protector, to allow for proper display and recognition at the Kansas State Fair. This is what will be displayed during the fair, all other materials will be sent back to the county/district office. On the back side of the graphic the 4-Her's name, county/district, and club should be listed.
- d. Instructions to run any part of the exhibit on the USB drive. (There should be at least three (3) items in your manila envelope: USB drive, graphic and instructions)

8. Each exhibit must be accompanied by a "4-H Engineer's Journal." The engineer's journal should be typed. It can either be included electronically on the USB drive (preferred) or printed and placed in the manila envelope.

- a. The "4-H Engineer's Journal" should start with a dated entry describing what the 4-H member is trying to accomplish/build.
- b. The "4-H Engineer's Journal" should conclude with a dated entry describing what the 4-H member achieved in creating. (The start and end many times will be different. The judges are interested in the journey).
- c. Additional entries in the "4-H Engineer's Journal" should be made as progress occur describing successes and failures; as well as the steps done and any sources of information including links used.
- d. Pictures can also be included in the "4-H Engineer's Journal" but should not be more than 50% of the entries.
- e. The "4-H Engineer's Journal" should contain at least one graphic.
- f. The "4-H Engineer's Journal" must be at least 3 pages in length.
- g. An example of a "4-H Engineer's Journal" can be found at www.STEM4KS.com.
- h. The "4-H Engineer's Journal" will comprise 50% of the overall exhibit score. Failure to include a "4-H Engineer's Journal" will result in the exhibit being disqualified.

9. If the exhibit is a program, application, app, web site, or requires any coding, the source code must be included on the USB drive. Failure to include a copy of the "source code" may result in up to one ribbon place deduction

10. Diagrams or decision trees showing the logical flow of the system must be included on the USB drive for all exhibits.

11. Since there is no conference judging at the Kansas State Fair, a set of instructions must be provided to run the computer system/application. These instructions should be printed off and included in the exhibit package and a copy should be included on the USB drive.

- a. FOR COUNTY FAIRS it is recommended that 4-Hers bring a computer that will run their project to the fair for judging as judges typically do not bring computers with them. Operating instructions are still required.

- b. Instructions should be written as though you were helping a less techy person, (like a grandparent) use the USB drive with a computer similar to what is described in rule 9 below. An example of instructions can be found at www.STEM4KS.com.

12. Each exhibit MUST include a video of the youth following their instructions for operation. This allows judges to get a better understanding of the exhibit and allows the youth the opportunity to fully demonstrate their exhibit. The video should be no longer than 8 minutes and should be placed on the USB drive. These videos may also be considered for inclusion in a running video loop in the STEM area at the state fair after review by judges, superintendent(s), and extension staff. Adult guardians must complete the video release included with the exhibit form. If the release is not completed the video will not be included in the video loop on display in the STEM area at the Kansas State Fair.

13. The computer systems division will have a physical computer with the following minimum configuration: to test exhibitors with and view files. a. Microsoft Windows®10

b. Microsoft Office® Home 2013 (Excel, Power Point, & Word)

c. Microsoft Internet Explorer®

d. Mozilla Firefox® Browser

e. Google Chrome® Browser

f. Adobe Acrobat Reader®

14. 4-Hers should not assume that the computers in rule 9 have Internet connectivity and that any parts of the exhibit that require Internet access will not work. It is strongly recommended that 4-Hers test exhibits on a computer with Internet connectivity disabled.

15. STATE RULES STEM judges will have internet access at the Kansas State Fair. Internet based content may be included in exhibits. Exhibitors should take great care and only go on-line with their guardian's permission. User names and passwords should not be included in exhibits. If they are required to view the content, a temporary user account and password should be created for judging at the Kansas State Fair, once judging is complete the user name and password should be disabled on the account. If a separate user account is not possible, the content should be included as part of the video. **YOU SHOULD NOT SHARE YOUR USER NAME OR PASSWORD WITH OTHERS.**

16. All licensing should be adhered to for any software used in the exhibit. Failure to do so will result in a reduction of one ribbon placing and may not be considered for best of show.

17. The creation of viruses, malware, malicious applications or code, defamatory language or graphics, bullying, or any material that is "mean," "dangerous," or harmful according to the judge's opinion will result in the exhibit being disqualified.

18. Pictures or still graphics created are not eligible for entry as a project in this division, and should be entered in the appropriate photography division.

19. Judging will be based on a score sheet which can be found at www.STEM4KS.com There are four (4) areas each exhibit will be

judged on. They are:

- a. 4-H Engineers Journal (what I learned to make it work), 50% overall score.
- b. Instructions (how I help others make it work), 25% overall score.
- c. Functionality (does it work), 12% overall score.
- d. Diagrams (and code if applicable) (how I think it works), 13% overall score.

Division– Computer Systems

- Class 3713 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 3714 Computer presentation (power point, web page/site, animated graphics, etc.).
- Class 3715 Single computer system (web server, database server, etc.).
- Class 3716 Networked system consisting of two or more computers.
- Class 3717 Chip System- a small (4x8”, 4x8”, 4x8”) programmed physical device that accomplishes a specific task.

4-H STEM-Robotics

1. 4-H members must be currently enrolled in the Kansas 4-H Space Tech 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 robot must be free-standing, without the need for additional supports in order to be moved or exhibited. Each exhibit must include a robot, information packets are not a sufficient exhibit.
4. Robots must have automated articulated structures (arms, wheels, grippers, etc.). Game consoles that display on a screen are not considered robots and should either be entered in computer systems division or energy management project. Robots requiring no assembly, just programming, such as Ozobots, are considered computer systems 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. Weight may not exceed 15 pounds. If displaced in a case (not required or encouraged) the outside case dimensions may not be more than 26 inches in height, width, or depth.
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 exhibitors 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 an electrical, battery, water, 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. Remote controlled cars, boats, planes and/or action figures, etc. are not 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.

11. Each exhibitor is required to complete the “4-H STEM Robotics Exhibit Information Form” which is available through your local K-State Research and 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 (The instructions should be written as if they were to tell a grandparent or elderly person how to operate the robot), construction plans, and one to three pages of project photographs. In addition, a 5 minute video presentation placed on a CD, DVD, USB drive, or similar removable storage device, if applicable. 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.**

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 STEM Robotics team. However, as mentioned in #1, each team member must be currently enrolled in the Kansas 4-H STEM—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.

Intermediate Division Ages 9 to 13 years

Class 3768 Robot made from a commercial (purchased) kit. **(No programming just assembly)**

Class 3769 Robot designed by exhibitor. The robot must not be a mere modification of an existing robot kit or plan.

Class 3770 Programmable robot made from a commercial (purchased) kit.

Class 3771 Robot designed and constructed by exhibitor or from a commercial kit, that is operated by a remote controlled device.

Class 3772 Junk Drawer Robotics

Senior Division Age 14 and up -Five or More Years in Robotics Project

- Class 3776 Robot made from a commercial (purchased) kit. **(No programming just assembly)**
- Class 3777 Robot designed by exhibitor. The robot must not be a mere modification of an existing robot kit or plan.
- Class 3778 Programmable robot made from a commercial (purchased) kit.
- Class 3779 Robot designed and constructed by exhibitor or from a commercial kit, that is operated by a remote controlled device.
- Class 3780 Junk Drawer Robotics

Division D - Team Robotics Project

Class 3782 Robot designed and constructed by 2 or more 4-H STEM 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 STEM 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.

4-H STEM - Rocketry

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 STEM 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 www.STEM4KS.com
3. NAR refers to the National Association of Rocketry and its' governing board.
4. All NAR documents, with the exception of the "pink book" 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.

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.” The intent of scale modeling is, according to the NAR, “to produce an accurate, flying replica of a real rocket vehicle that exhibits maximum craftsmanship in construction, finish, and flight performance.” (NAR “Pink Book” 50.1 4-1).
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 STEM 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. Is 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 160.01 Newton-Seconds.
4. For the purposes of Kansas STEM Tech 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 rules for launching and construction of all rockets are assumed to be used by all 4-H STEM exhibitors and will be considered during judging.
7. For the purposes of Kansas 4-H STEM, 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 fair and what those displays should and should not contain. These rules apply to all rockets displayed in the Space Tech division.

1. 4-H members must be currently enrolled in the 4-H STEM - 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.
 - b. If a rocket kit has been modified structurally, (which must provide all necessary details to construct an original design rocket.), 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.
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.

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 fin assemblies and pre-finished rockets requiring no painting are not acceptable, and will be disqualified.
3. Plastic snap together fins and prefabricated fin assemblies that do not require fin alignment are not acceptable, 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, extruded foam, 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.

4. 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 www.KansasSpaceTech.com

5. Fins should be rounded or streamlined according to instructions. If the other edges are rounded to reduce drag on all exposed sides, there should be no ribbon deduction, unless instructions indicate to leave flat.

6. Fins and body tubes are to be sealed with sanding sealer and/or primer to eliminate the appearance of body grooves and woodgrain.

7. Fins and launch lugs are to be filleted to reduce drag and properly secure them to the model.

8. Engine mounts are to be securely attached to the body tube.

9. Any seams on plastic parts are to be sanded smooth.

10. 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.

11. The nose cone is to fit snugly but still allow for easy removal.

12. Exhibits must be uniformly painted and smoothly finished or finished as per rocket instructions, and have decals applied smoothly.

13. Non-standard surfacing (such as textured paint) may be used if directed by the instructions, this includes scratch built rockets.

14. 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.

15. “Scale models” may be judged based on their paint scheme. The judge may deduct up to one ribbon placing for not following the paint scheme.

16. Scale Model Rockets are to be finished and completed with a majority (greater than 70%) of decals.

17. If a modification is made to the rocket, for example, adding a fin, a swing test must be conducted on the rocket, and the documentation provided. Failure to test and document flight stability following modifications will result in two ribbon placing deductions.

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 Space Tech Action 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.
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 encouraged. Exhibitors must include documentation of the swing test. Failure to swing test a rocket will result in a deduction of TWO ribbon placings.
6. Minimum of one page must be added to the rocketry information pack detailing the test(s) performed to insure stability. 4-Hers are strongly encouraged to provide as much detail as possible. Failure to provide adequate written documentation will result in a disqualification.

Division A -Exhibitors 7 through 13 years old

Class 3800 Rocket made from kit. Include plans.

Division B -Exhibitors 11 through 13 years old (7-10 year olds may not enter in this class)

Class 3805 Rocket designed by exhibitor; not merely a modification of an existing kit.
Include original plans.

Division C -Exhibitors 14 years and older

Class 3810 Rocket made from kit. Include plans.

Class 3811 Rocket designed by exhibitor; not merely a modification of an existing kit.
Include original plans.

Class 3812 Rocket designed by exhibitor that uses alternative skins; not merely a modification of an existing kit.
Include original plans.

Division D -Exhibitors 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 3815 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/>. Click on KSF Packet link.
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 STEM Action 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.
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 3816 Mid-power rocket made from kit or original design.

High Power Rocketry ('H' or 'T' 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://www.Kansas4-H.org/>. Click on KSF Packet link.
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 Space Tech Action 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.
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 3820 High power rocket made from kit or original design.

4-H SpaceTech - Unmanned Aerial Systems

Purpose: The 4-H unmanned aerial systems or UAS project explores the world from above the trees and discovers new frontiers with UASs. UASs are commonly known as Unmanned Aerial Vehicles (UAVs) or drones. Members explore the uses and applications of unmanned aerial systems including how UASs link to other projects such as geology, robotics, electronics, crop science and many more.

1. The 4-H members must be currently enrolled in the 4-H SpaceTech project to exhibit in this division.
2. Each exhibitor may enter one exhibit per class. Exhibit must have been completed during the current 4-H year.
3. The information that accompanies the UAS must be limited to the 4-H Space Tech 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 www.STEM4KS.com Any UAS exhibit not including this completed envelope will receive an automatic participation ribbon.
4. Each exhibit MUST include a video of the youth operating their UAS. This allows judges to get a better understanding of the exhibit and allows the youth the opportunity to fully demonstrate their exhibit. The video should be no longer than 8 minutes and should be placed on the CD, DVD, USB drive, or similar.
5. 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.
6. Unmanned Aerial Systems that include or depict weaponry of any kind will be disqualified.
7. See the last section for full details about exhibiting posters, display boards and notebooks.
8. If modifications are made to the exhibit a page should be attached noting those modifications.
9. 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 3830 Unmanned Aerial 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 3831 Practical application of an Unmanned Aerial 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 3836 Unmanned Aerial 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 3837 Practical application of an Unmanned Aerial 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.

4-H STEM Educational Exhibits - Posters, Notebooks and Display Boards

1. The General Exhibit rules for ALL categories apply.
2. Entries must have been selected at the county level for entry at the Kansas State Fair. Counties/Districts should select top blue or purple ribbon Educational Rocketry Exhibits which meet State Fair guidelines.
3. For notebooks, display boards, and posters, no additional exhibit information is required; no manila envelope is needed for these exhibits.
4. Exhibits in posters, notebooks and display boards must contain substantial supporting educational materials.
5. 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 will be available at www.kansasspacetech.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.
6. 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.
7. Educational displays are not to exceed a standard commercial 3'x 4' tri-fold display board. No card table exhibits will be allowed. Care should be taken to use durable materials that will withstand Kansas State Fair conditions.
8. "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.
9. Educational Project notebooks must be organized in a 3-ring binder.
10. Any three dimensional display exhibits may not be thicker than 1".
11. Engines and igniters in rockets ARE NOT permitted with the exhibit and constitute an immediate disqualification. This is for safety reasons and includes both spent and live engines.
12. Exhibitor's name, county or district, age, and year(s) in project must be tagged or 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. Failure to label an exhibit may result in one ribbon placing deduction.
13. 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
 - e. Be related to Astronomy, Computer Systems, Robotics, Rocketry, or Unmanned Aerial Systems.
 - f. As well as those characteristics described above.

14. 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.

Astronomy - Intermediate Division – 9-13 years old

- Class 3841 Junior Astronomy Educational Display
- Class 3842 Junior Astronomy Educational Notebook
- Class 3843 Junior Astronomy Educational Poster

Astronomy- Senior Division – 14 years and older

- Class 3846 Senior Astronomy Educational Display
- Class 3847 Senior Astronomy Educational Notebook
- Class 3848 Senior Astronomy Educational Poster

Rocketry – 9 through 13 years old

- Class 3851 Rocketry Educational Display
- Class 3852 Rocketry Notebook
- Class 3853 Rocketry Poster Board

Rocketry – 14 years and older

- Class 3856 Rocketry Educational Display
- Class 3857 Rocketry Notebook
- Class 3858 Rocketry Poster Board

Robotics Division A - Novice – One to Two Years in Robotics Project

- Class 3861 Robotics Educational Display
- Class 3862 Robotics Educational Notebook
- Class 3863 Robotics Educational Poster

Robotics Division B – Intermediate – Three to Four Years in Robotics Project

- Class 3866 Robotics Educational Display
- Class 3867 Robotics Educational Notebook
- Class 3868 Robotics Educational Poster

Robotics Division C – Professional – Five or More Years in Robotics Project

- Class 3871 Robotics Educational Display
- Class 3872 Robotics Educational Notebook
- Class 3873 Robotics Educational Poster

Robotics Division D – Team Robotics Project

- Class 3876 Team Robotics Educational Display

Class 3877 Team Robotics Educational Notebook

Class 3878 Team Robotics Educational Poster

Computers - Intermediate Division – 9-13 years old

Class 3881 Junior Computer Educational Poster

Class 3882 Junior Computer Display Board

Class 3883 Junior Computer Notebook

Computers - Senior Division – 14 years and older

Class 3886 Senior Computer Educational Poster

Class 3887 Senior Computer Display Board

Class 3888 Senior Computer Notebook

Unmanned Aerial Systems - Intermediate Division – 9-13 years old

Class 3891 Junior Unmanned Aerial Systems Educational Poster

Class 3892 Junior Unmanned Aerial Systems Display Board

Class 3893 Junior Unmanned Aerial Systems Notebook

Unmanned Aerial Systems - Senior Division – 14 years and older

Class 3896 Senior Unmanned Aerial Systems Educational Poster

Class 3897 Senior Unmanned Aerial Systems Display Board

Class 3898 Senior Unmanned Aerial Systems Notebook

4-H WILDLIFE

Osage City: Willing Workers 4-H Club

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.

4. Notebooks and Educational Displays will be judged on the following points:

Stopping Power.....15

Is the main idea specific? Is the idea presented clearly, simply, forcefully?

Interest, Holding Power15

Does the exhibit give the observer additional facts in a clear, concise, informative way?

4-H Project Application.15

Is the subject matter an effective showcase?

Mechanical Power5

Correct letter size, pleasing color combination, appropriate symbols and models.

Personal Growth..... 25

How much knowledge was gained by exhibitor? Enthusiasm shown.

Educational Value. 25

Knowledge shared. NOTE: Credit all citations, websites, or other resources used in creating your exhibit.

5. Posters will be judged on the following points:

General Appearance..... 30

Information..... 50

Organization.20

Class 3900 Notebook – contents pertain to some phase, results ,story, or information about the wildlife project.

Class 3901 Promotional Poster – Must be related to something learned in the wildlife project. (Poster board or foam board no larger than 22" X 28").

Class 3902 Educational Display – Must be directly related to the wildlife project.
Maximum tri-fold size 3' X 4'.

Class 3903 Taxidermy/Tanning Exhibit. Should include an attachment that shows the work in progress through photos with captions or a detailed journaling of the process. *KSRE, 4-H or the Fairs are not responsible for damage during exhibition.

4-H WOODWORKING

Osage City: Hubba & Alicia Rumold Junior: Bowen Rumold

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. Entry card, plans and all other paperwork should be secured to the project in some manner. Tape is usually not adequate to accomplish this. It is recommended to use a zip top plastic bag with a hole punched through it and using a string to tie this to the exhibit.
5. Refinished/repaired 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.

Class 3950 Article for farm or shop use.

Class 3951 Furniture for household or lawn use.

Class 3952 Other woodwork. Articles not included in above classes Including any article made from a kit.
Examples: bird houses, bird feeders, household equipment such as knife racks, bread boards, door stops, etc.

OSAGE COUNTY

4-H COOKIE JAR CONTEST

Osage City Karen Gogolksi Junior: Dani Kerns & Allie Kneisler

Each county-wide 4-H Community Club or county-wide 4-H Project Club may make one entry in the 4-H Cookie Jar Contest. The cookie jars can be displayed at the Melvern Sunflower Days, 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.**

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.

Class 4000 4-H Cookie Jar

BOY SCOUTS OF AMERICA

Osage City: and Overbrook Only

Osage City: Marjorie Vaughan and Dorothy Christiason

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 and Overbrook Only

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 : Derald Stromgren

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.

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. **Sorghum-Ten Head Exhibit**
- 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: Gaylene Croucher & Gloria Hulgren & Aliks Serna

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: Gloria Hulgren & Gaylene Croucher & Aliks Serna,

Overbrook: North Osage 4-H

- 1. Food will be sold after judging**, with all proceeds to go to the fair. If you do not want to donate your baked goods, please instruct the superintendent to the effect upon entering. All food except pies must be on disposable plates and covered with a clear bag.
- 2. All Sweepstakes winners will receive sweepstake's money only - Overbrook only.**
- 3. Display on plate with plastic wrap type covering.**
- 4. 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

Sweepstakes Bread Product - Overbrook Only

Class S21 Best Bread Product

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 S44 Sweepstakes Cake -Overbrook Only

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. Pickles and sweet spreads need to be water bathed. Paraffin seals not acceptable. 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
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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: Gloria Hulgren & Gaylene Croucher & Aliks Serna

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.

Class 290	Cookie Jar
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OPEN CLASS PHOTOGRAPHY

Osage City: Kara Thompson & Dawn Shchoepflin

Junior: Josie Thompson

Overbrook : Darcy Sund

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.

Special Contest Award- \$10 award to winner

OPEN CLASS PLANTS AND FLOWERS

Donna Marie Anderson Osage City Overbrook

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 Osage County Office

ADDRESS: PO Box 400, 128 W 15th Street, Lyndon KS 66451

WEBSITE: www.frontierdistrict.ksu.edu

EMAIL: frontierdistrict.k-state.edu/

PHONE: 785 828-4438

FAX: 785 828-3427

Extension Agents and Office Staff

Rebecca McFarland.....Extension Director
Janae McNally.....4-H Youth Development
Rod Schaub.....Agriculture Natural Resources
Jessica Flory.....4-H Program Assistant
Janaya Hamlin.....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
Clover Wranglers.....Gina Shultz or Lori Quaney
Lyndon Leaders..... Kristin Kneisler
Melvern Jr. Highline.....Lisa Reeser or Caleb McNally
North Osage.....Jamie Guenther or Hope Koger
Vassar Blue Ribbon.....Toni Horne
Willing Workers..... Kara Thompson, or Amanda Croucher

