



**July 20 – 23, 2017**

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**Franklin County Agricultural Society**

Website: [www.franklincountykansasfair.com](http://www.franklincountykansasfair.com)

Facebook: <https://www.facebook.com/Franklin-County-Agricultural-Society-Franklin-County-Fair-489170577952817/>

**Frontier Extension District**

Website: <http://www.frontierdistrict.k-state.edu>

Facebook: <https://www.facebook.com/FrontierExtensionDistrictKSRE>

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## **FRANKLIN COUNTY AGRICULTURAL SOCIETY**

P.O. Box 885, Ottawa, Kansas 66067

<http://franklincountyfairkansas.com>

### **EXECUTIVE BOARD 2017**

PRESIDENT.....John Todd  
VICE PRESIDENT.....Brandon Livingston  
TREASURER.....Cody Cates  
SECRETARY.....Eric Guenther

### **BOARD MEMBERS**

Sheila Anderson	Mark Bischoff	Jessica Cates
Chris Cunningham	Danny Fehling	Rick Ferguson
Linda Firestone	Darcy Hahn	Evan Hamilton
Melissa Hatfield	Jason Hedges	Justin Hobbs
Scott Hornbuckle	Brian Livingston	Abby McNish
Brad Shoemaker	Brandy Shoemaker	Marlene Sime
Mike Streebin	Alex Todd	Justin Webb
Mark Wray		

### **FRONTIER EXTENSION DISTRICT**

1418 S. Main, Ste. 2, Ottawa, KS 66067

Phone 785-229-3520 / Fax 785-229-3527

[www.frontierdistrict.ksu.edu](http://www.frontierdistrict.ksu.edu)

<https://www.facebook.com/FrontierExtensionDistrictKSRE>

Fran Richmond – District Director  
Janae McNally – 4-H Youth Development Agent  
Darren Hibdon – Agriculture & Natural Resources Agent  
Rebecca McFarland – Family & Consumer Sciences Agent  
Jessica Flory – 4-H Program Assistant  
Katie Gilbreth – 4-H Program Assistant  
Juanita Sleichter – Office Professional

**152<sup>nd</sup> ANNUAL  
FRANKLIN COUNTY FAIR EVENTS  
JULY 19, 20, 21, 22 & 23, 2017 – OTTAWA, KS**

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**CLOVER REVUE AND ANNOUNCEMENT OF MR. & MISS 4-H**

Tuesday, July 11 at 7:00 p.m.  
Westminster Presbyterian Church, 401 W. 13<sup>th</sup> St, Ottawa

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**CYRA YOUTH RODEO**

Sponsored by Christian Youth Rodeo Association  
Wednesday, July 19 at 5:00 p.m.  
Admission: Adults & Children (13 & over) \$7.00 or  
\$5.00 with a donation of 3 canned goods  
Children (6-12) \$4.00 – Children 5 & under Free  
Entry for Rodeo - Call 785-640-1613 on Tuesday, July 11 from 5:30 p.m. – 9:00 p.m.  
More information on rules and entry fees are available at <http://www.christianyouthrodeoassociation.com>

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**BARBECUE**

Thursday, July 20 at 5:00 p.m. – 8:00 p.m.  
Advance Tickets: Adults & Children (13 & over) \$7.00 – Children (6-12) \$4.00 – Children 5 & under Free  
At Gate: Adults & Children (13 & over) \$8.00 – Children (6-12) \$5.00 – Children 5 & under Free

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**URA RODEO**

Thursday, July 20 & Friday, July 21 at 8:00 p.m.  
Advanced Tickets: Adults & Children (13 & over) \$7.00 – Children (6-12) \$4.00  
At Gate: Adults & Children (13 & over) \$8.00 – Children (6-12) \$5.00  
Children 5 & under Free  
United Rodeo Association – 620-625-2566 - [www.unitedrodeoassociation.com](http://www.unitedrodeoassociation.com)

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**Advance Barbecue & Rodeo Tickets sold by  
Frontier Extension District 4-H 2018 Citizenship Washington Focus (CWF) Delegates  
Advance ticket deadline date is Monday, July 17  
Call 785-229-3520 for tickets or get them at  
Kansas State Bank North, CMI and the Frontier Extension District, Ottawa Office**

**4-H CONCESSION STAND**

Help support the Franklin County 4-H Council  
Wednesday, July 19 from 4:00 p.m. – 10:00 p.m.  
Thursday, July 20; Friday, July 21; & Saturday, July 22 from 10:00 a.m. – 10:00 p.m.

**FOOD GARDEN & COMMERCIAL VENDORS**

Thursday, July 20; Friday, July 21; & Saturday, July 22 from 5:00 p.m. – 10:00 p.m.

**CARNIVAL BY OTTAWAY AMUSEMENTS**

Thursday, July 20; Friday, July 21; Saturday, July 22; & Sunday, July 23

**FARM BUREAU ASSOCIATION PEDAL PULL**

Saturday, July 22  
Registration at 11:30 p.m. Pull Begins at Noon  
Participation age 4 - 12  
Contact person: Sharon at 785-242-4130

**4-H LIVESTOCK SALE**

Saturday, July 22 at 4:00 p.m.

**DEMOLITION DERBY**

Saturday, July 22 at 7:00 p.m.  
Admission: \$10.00 for everyone entering the gate  
Ticket booth opens at 5:00 p.m.  
Contact person for rules: Jesse Kimmi at 785-741-4870

**FALL DEMOLITION DERBY**

September 30, 2017 at 7:00 p.m.  
Admission: \$10.00 for everyone entering the gate  
Contact person for rules: Jesse Kimmi at 785-741-4870

**PARKING**

Please be respectful of businesses when parking at the Fair.

## **PRE-FAIR SCHEDULE**

### **WEDNESDAY, JUNE 28**

Cat Entry Form Due  
Dog Entry Form Due  
Energy Management Conference Judging Pre-Registration Form Due  
Entomology Conference Judging Pre-Registration Form Due  
Fashion Revue Pre-Entry Form Due  
Forestry Conference Judging Pre-Registration Form Due  
Geology Conference Judging Pre-Registration Form Due  
Hand Pet Entry Form Due  
Home Environment Conference Judging Pre-Registration Form Due  
Horse Pre-Entry Deadline  
Livestock Stall Reservation Deadline  
Mr. & Miss 4-H Application Due  
Misc./Self-Determined Conference Judging Pre-Registration Form Due  
Poultry Entry Form Due  
Rabbit Entry Form Due  
Shooting Sports Conference Judging Pre-Registration Form Due  
SpaceTech Conference Judging Pre-Registration Form Due  
Wildlife Conference Judging Pre-Registration Form Due  
Woodworking Conference Judging Pre-Registration Form Due

### **TUESDAY, JULY 11**

9:00 a.m. – 10:00 a.m.	4-H Fashion Revue, Westminster Presbyterian Church
10:00 a.m. – 11:30 a.m.	4-H Clothing Judging, Construction and Buymanship, Westminster Presbyterian Church
10:00 a.m. – 11:30 a.m.	4-H Fiber Arts Judging, Westminster Presbyterian Church
10:00 a.m.	Mr. & Miss 4-H Interview & Judging, Westminster Presbyterian Church
7:00 p.m.	4-H Clover Revue, Westminster Presbyterian Church
7:00 p.m.	Mr. & Miss 4-H Announcement, Westminster Presbyterian Church

### **WEDNESDAY, JULY 12**

5:45 p.m.	4-H Dog Show, Check In, Hayward Arena
6:00 p.m.	4-H Dog Show, Fairgrounds
6:30 p.m.	4-H Cat and Hand Pet, Check In, Poultry Barn
6:45 p.m.	4-H Cat and Hand Pet Show, Poultry Barn

### **MONDAY, JULY 17**

9:00 a.m. – 1:00 p.m.	4-H Foods, Enter and Judge at Designated Times (listed in the Fair Edition Newsletter), Celebration Hall
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## **TUESDAY, JULY 18**

8:45 a.m.	Volunteers arrive to help with Photography and Visual Arts
9:00 a.m. – 1:00 p.m.	4-H Conference Judging for Photography and Visual Arts (listed in the Fair Edition Newsletter), Celebration Hall

## **WEDNESDAY, JULY 19**

8:00 a.m.	Fair Set Up, Fairgrounds/Celebration Hall
<b>10:00 a.m. – Noon</b>	<b>Enter all other 4-H and Open Class Exhibits not listed, Celebration Hall</b>
Noon – 1:00 p.m.	Cloverbud, Enter and Conference Judging
1:00 p.m.	Judge Open Class Foods, Celebration Hall
1:30 p.m.	Judge 4-H & Open Class Floriculture, Celebration Hall
4:00 p.m.	4-H Concession Stand Opens
5:00 p.m. – 8:00 p.m.	Enter and Weigh Livestock
5:00 p.m. – 8:00 p.m.	Enter Poultry and Rabbits, Poultry Barn
6:00 p.m.	Youth Rodeo, Rodeo Arena
8:15 p.m.	Livestock Exhibitor Meeting – Hayward Arena

## **PARKING AT THE FAIR**

All vehicles are to be parked in authorized parking areas. Authorized parking is east of the rails-to trails and south of the poultry and rabbit barn. Special access permits for handicap and agent parking will be allowed; however, no unauthorized vehicles are allowed to be parked on the fairgrounds after 6:00 p.m. on Thursday, July 20<sup>th</sup>. Vendors may obtain special permission for unloading of supplies but must immediately remove their vehicle after unloading.

## **YOUR COOPERATION IS APPRECIATED**

**LIABILITY:** Exhibits at the fair are entered and displayed at the risk of the exhibitor. The Franklin County Fair, 4-H Youth Development and Frontier Extension District accepts exhibits and will exercise due care to protect them. Exhibitors who have exhibits of great sentimental and/or monetary value should carefully consider whether such exhibits should be exposed to the hazards of the fair.



## FAIR SCHEDULE

### THURSDAY, JULY 20

8:00 a.m.	Judge 4-H Rabbits, followed by 4-H Rabbit Showmanship, Poultry Ban
9:00 a.m.	Judge 4-H Poultry, followed by 4-H Poultry Showmanship, Poultry Barn
9:00 a.m.	Judge 4-H Crops and Garden, Celebration Hall (followed by Open Class Agriculture)
9:00 a.m.	Judge Open Class Photography, Celebration Hall
9:00 a.m.	Judge Open Class Clothing and Textiles, Quilts and Quilting and Fine Arts, Celebration Hall
10:00 a.m.	4-H Concession Stand Opens
10:00 a.m.	4-H Bucket Calf Show, Hayward Arena
1:00 p.m.	4-H Conference Judging at Designated Times (schedule listed on the Frontier District's Website and posted in Celebration Hall) for Energy Management, Entomology, Forestry, Geology, Home Environment, Miscellaneous/Self-Determined, Shooting Sports, SpaceTech (All Divisions), Wildlife and Woodworking (listed in the Fair Edition Newsletter), Celebration Hall
1:00 p.m.	Judge 4-H Dairy Goats, Hayward Arena
1:30 p.m.	Judge 4-H Dairy Cattle, Hayward Arena
5:00 p.m. – 8:00 p.m.	BBQ, South of Celebration Hall
5:00 p.m.	Food Garden & Commercial Vendors Open
6:00 p.m.	Judge 4-H Meat Goats Show, Hayward Arena
6:00 p.m.	Carnival Rides by Ottaway Amusements Open
8:00 p.m.	Judge 4-H Sheep, Hayward Arena
8:00 p.m.	Rodeo, Rodeo Arena
9:00 p.m.	Celebration Hall Closes

### FRIDAY, JULY 21

8:00 a.m.	Exhibitors & Parents Continental Breakfast, Compliments of Frontier Farm Credit
8:00 a.m.	Judge 4-H Swine, Hayward Arena
10:00 a.m.	4-H Concession Stand Opens
5:00 p.m.	Food Garden & Commercial Vendors Open
5:30 p.m.	Judge 4-H Beef Cattle, Hayward Arena
6:00 p.m.	Carnival Rides by Ottaway Amusements Open
8:00 p.m.	Rodeo, Rodeo Arena
8:00 p.m.	Market Animal Sale Entry Cards Due
9:00 p.m.	Celebration Hall Closes

### **SATURDAY, JULY 22**

8:00 a.m.	Register for 4-H Horse Show (all events including races)
9:00 a.m.	4-H Horse Show, Horse Arena 4-H Horse Races will begin immediately after the 4-H Horse Show
9:30 a.m.	Round Robin Showmanship Contest, Hayward Arena
10:00 a.m.	4-H Concession Stand Opens
11:00 a.m. – 11:30 a.m.	Entry Time for Fair Board President's Cake Contest
11:30 a.m.	Register for Pedal Pull
12:00 p.m.	Pedal Pull Begins, Hayward Arena
2:00 p.m.	4-H Awards Presentation, BBQ Tent
4:00 p.m.	Market Animal Sale - Watermelon Feed for Buyers and Sellers directly following the Market Animal Sale
5:00 p.m.	Food Garden & Commercial Vendors Open
5:00 p.m.	Release Poultry and Rabbits
5:30 p.m. – 7:00 p.m.	<b>Release Exhibits in Celebration Hall</b> <b>EXHIBITS MUST BE PICKED UP TONIGHT</b>
6:30 p.m.	<b>4-H Members help clean up in Celebration Hall</b>
6:00 p.m.	Carnival Rides by Ottaway Amusements Open
7:00 p.m.	Release Livestock
7:00 p.m.	Demolition Derby, Arena

### **SUNDAY, JULY 23**

6:00 pm.	Carnival Rides by Ottaway Amusements Open
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### **MONDAY, JULY 24**

8:00 a.m.	4-H Members report to Celebration Hall for Fairground Cleanup. Cleanup usually takes about 1 hour or less, if everyone shows up to help. Please bring a lawn rake. Gloves will be provided. Parents and older 4-H members will be needed as group leaders to help the younger 4-H members with the pick-up of trash. 4-H members who help clean up the fairgrounds will be able to pick up their checks after clean up.
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### **FRIDAY, JULY 28**

8:00 a.m. – 5:00 p.m.	4-H members who did NOT help with cleanup can pick up their check at the Extension Office. <b>4-H FAIR PREMIUM CHECKS must be picked up and cashed within 60 days.</b>
8:00 a.m. – 5:00 p.m.	<b>OPEN CLASS - FAIR PREMIUM CHECKS</b> will be available at the Frontier Extension Office, 1418 S. Main, Ste. 2, Ottawa. Extension Office hours are 8:00 a.m. to 5:00 p.m. Monday thru Friday. <b>Checks must be picked up and cashed within 60 days.</b>

## **4-H GENERAL RULES**

### **Entry Requirements**

1. ALL 4-H EXHIBITORS MUST BE FRANKLIN COUNTY 4-H MEMBERS.
2. Out of county 4-H members can exhibit in open classes.
3. All articles and animals must be entered with the superintendents of the various departments in the name of the owner.
4. No animal or article will be entered in more than one department or compete for more than one premium.
5. Age is determined by 4-H age (January 1, 2017).

### **Entries**

1. 4-H exhibits must show in 4-H classes listed in this fair book. NO 4-H classes will be added at the fair.
2. 4-H members can enter their 4-H exhibits only in one 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.
3. All agricultural, horticultural and floral exhibits must be grown by the exhibitor.
4. If it is found that an exhibitor has made any false statements in regards to any animal or article or they interfere with the judges performance of their duties, the exhibitor will be excluded from competing.
5. All 4-H exhibitors must follow the Kansas 4-H Code of Conduct.
6. Firearms and weapons are not allowed to be entered or exhibited.

### **Premiums and Awards**

1. 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.
2. Premiums will be paid out by placing: BLUE, RED, WHITE. Champions will receive Purple Ribbons and Reserve Champions a Lavender Ribbon.
3. There will be no premiums awarded to showmanship classes.

### **Explanation of Ribbon System**

1. All 4-H Departments are judged on the DANISH System.
2. All exhibits receive a ribbon and are judged in comparison with an ideal standard. They are not judged against each other.
3. 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.

**ACCESSIBILITY INFORMATION:** K-State Research and Extension & 4-H Youth Development 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 Fran Richmond at the Frontier Extension District Office at 785-828-4438.

**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, 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 Franklin County Agriculture Society, Frontier Extension District, Department of 4-H Youth Development, Kansas State University Agriculture Experiment Station and Cooperative Extension Service or the State of Kansas.

### **Kansas State Fair Exhibitors**

In 2009, the rules changed so that 9 year old 4-H members (as of January 1 current year) could exhibit at the Kansas State Fair in nearly all divisions (exception – Fashion Revue participants must be 14). All youth who qualify and want to participate in the State Fair must pre-enter by the deadline date. See your newsletter or call the Extension Office for more information about qualifying, pre-entering and entering exhibits for the Kansas State Fair.

## GENERAL LIVESTOCK RULES

1. Youth livestock show exhibitors will be limited to regularly enrolled 4-H members of Franklin County.
2. Livestock that has been previously shown at a county fair outside of Franklin County may not be exhibited. This includes both market and breeding divisions.
3. All livestock stall reservation forms, horse pre-entry forms, livestock and animal entry forms are due in the Extension Office by Wednesday, June 28.
4. Exhibitors are limited to 4 market and 4 breeding animals per specie.
5. No premium will be awarded to animals not listed in this premium list.
6. No animal deemed unworthy will be awarded a premium. In the case of only one entry per class, only one award will be awarded and shall be at the judge's discretion.
7. No premium money is paid on showmanship classes. (Ribbons only)
8. All livestock will be checked according to the list of health rules and regulations.
9. No animals are allowed on the fairgrounds before Wednesday, July 19 at 5:00 p.m. without permission of the fair superintendent.
10. The livestock check in will be Wednesday, July 19, 5:00 p.m. to 8:00 p.m. **No Early Arrivals.**
11. All livestock must be removed from the fairgrounds by **7:00 a.m. on Sunday.**
12. All animals must have an ear tag for identification. Market animals must have an official 4-H tag and have been nominated at spring weigh-in.
13. All 4-H members are required to fit and groom their own livestock. Supervision can be provided by a parent or project leader. Outside grooming help is discouraged.
14. All 4-H members are expected to wear appropriate dress while exhibiting in the show ring and at the market sale. Appropriate dress is referred to as a shirt or blouse with a collar, jeans or slacks and boots or laced up shoes. 4-H Club shirts are also acceptable. Those not meeting this requirement will be removed from the show or sale.
15. Beef and Dairy grooming chutes must be kept outside of the barn. Driveways must be kept open for fire precautions. If the superintendent asks you to move your equipment, it will be because of safety reasons. Please do so in a friendly and timely manner.
16. Exhibitor must show their own animal.
17. Due to liability all animals must remain on the fairgrounds once entry has been entered. This means all animals must remain west of the rails-to-trails path. Violations of this rule must be witnessed by a superintendent, extension agent or fair board member and validated violation will cause all monetary awards to be withheld and parents will be contacted immediately. 4-H members should make note those leaving the fairgrounds prior to animal release will result in disqualification and be sent home immediately.
18. Due to Homeland Security stipulations, no vehicles or livestock trailers can be parked between the rails-to-trails and the armory yard fence. Violators could be towed at their own expense.

## **UNLOADING AND PARKING AT THE FAIR**

Animal Unloading: All truck and trailers should enter at the east gate on the rails-to-trails side and proceed west between the barns. Trucks and trailers should be removed from the barn area immediately upon animal and supply unloading to allow for access to the area for other exhibitors.

## **LIVESTOCK HEALTH REQUIREMENTS**

### **GENERAL REQUIREMENTS:**

1. All livestock will be examined by superintendent before being admitted to the stalls. If needed, a veterinarian will be called to inspect any animal that may not meet animal health guidelines for show. The veterinarian will have full authority to bar any animal from the fair that does not meet the animal health requirements. If, at any time during the fair, an animal poses a health threat, the fair veterinarian has the full authority to have the animal removed.
2. Animals with active lesions of ring worm, club lamb fungus, multiple warts, lice, mange, or other unhealthy conditions will not be permitted to exhibit.
3. No behavior altering drugs will be permitted. Animals under drug influence will not be allowed to show and will be required to leave the fair.
4. All livestock must be identified by an ear tag.

### **CATTLE REQUIREMENTS:**

1. No health papers are required for cattle. All cattle will be inspected by the superintendent at check in.
2. Beef and dairy cattle are required to comply with all federal livestock health rules.

### **SWINE REQUIREMENTS:**

1. All swine will be inspected by superintendent at check in. No health papers or blood test are required.
2. Swine are required to comply with all general livestock health rules.

### **SHEEP REQUIREMENTS:**

1. All sheep will be inspected by the superintendent at check in. No health papers are required.
2. Sheep are required to comply with all general livestock health rules.
3. All sheep must have an official USDA scrapie tag.

### **GOAT REQUIREMENTS:**

1. Goats shall meet the general health requirements.
2. All goats will be inspected by the superintendent at check in. No health papers are required.
3. All goats must have an official USDA scrapie tag.

### **HORSE REQUIREMENTS:**

1. Horses shall meet the general requirements.
2. All horses must have a negative Coggins Test within 12 months of the show.
3. All horse project members must have a completed Kansas 4-H Horse ID Form for each horse to be used during the 4-H year. The form must be on file at the Extension Office by May 1.

### **POULTRY REQUIREMENTS:**

All chickens and turkeys must be blood tested within 90 days of show. For more information about the blood testing requirements, consult "Information about Disease Testing Requirements for Poultry and Game Birds in Kansas" by Scott Beyer, available from your local Extension Office.

#### **Pullorum-Typhoid Testing – Requirements for each method of certification.**

- a. **Test Prior to Show** – Owner must present an official VS Form 9-2 (Flock Selection and Testing Report) signed by an official blood testing agent showing that the entries have had a negative test from an official pullorum-typhoid test conducted within 90 days prior to the show. Sealed leg band numbers of the entries must be shown on the form and agree with the numbers on the entries.
- b. **From Clean Source** – Owner must present evidence, such as a sales slip or name of hatchery (this must be an original form from the hatchery), that the entries were purchased from a pullorum-typhoid clean source with a valid NPIP number. This method can only be used WITHIN 90 DAYS OF HATCH. This means that the only birds that will qualify under this method will be Cornish-Rock cross meat birds. Market Broilers shown at the Kansas State Fair qualify under this method. Because almost all exhibition birds shown in a poultry show will be over 90 days of age, they will need to show proof of testing.

### **ANIMAL ETHICS**

The Franklin County Fair encourages and strongly supports the ethical treatment of all animals. Exhibitors found to be inhumanely abusing animals will be barred from showing and will forfeit any premium, ribbon or prizes won. Show Superintendents and County Extension Agents have the full authority to interpret these rules and their decision shall be final. Abuse shall include beating, slapping, use of injections, use of electric prods and lifting in show ring. These rules are for the best interest of the Franklin County Fair.

## 4-H MARKET SALE

1. Each 4-H market animal exhibitor may sell only one (1) animal. Those animals must have been tagged with the official 4-H tag. Minimum weights to be eligible for the sale are as follows:  
Steers – 1050 lbs., Lambs – 100 lbs., Meat Goats – 50 lbs., and Hogs – 210 lbs.,
2. Livestock Sale order for this year will be Steers, Hogs, Goats, and Lambs.
3. Exhibitors wishing to enter the Livestock Sale must fill out a sale entry card by 8:00 p.m. on Friday. Sale entry fees will be as follows: Steers - \$7.00, Lambs - \$5.00, Meat Goats - \$5.00 and Hogs - \$5.00. All sale entry fees will be withheld from sale proceeds.
4. All Livestock Sale entries remain under the care and ownership of the exhibitor until loaded on the floor price bidders truck. The Fair Board assumes no responsibility for any livestock injury or loss.
5. No glitter, paint or other decorations allowed on sale animals.
6. Ear tags are to remain in all sale livestock. Payment will not be issued on livestock with official 4-H tag removed.
7. The livestock sale will be held at 4:00 p.m. on Saturday in Hayward Arena.
8. A Watermelon Feed, sponsored by the Ottawa Area Chamber of Commerce Agribusiness Committee, will follow the sale.

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## DIVISION: 4-H ROUND ROBIN SHOWMANSHIP

**Superintendent:** Ryan Higbie

**Entry Time:** By Invitation Only

**Judging Time:** Saturday, July 22, 9:30 a.m., Hayward Arena

**Special Awards will be given during the show:**

**Grand Champion Round Robin Showman** – Belt Buckle, sponsored by J/L Davis Show Pigs, Santa Fe Trail Meats, and Darren & Julie Hibdon

**Reserve Champion Round Robin Showman** – Plaque, sponsored by Darren & Julie Hibdon

**Grand Champion Intermediate Round Robin Showman** – Belt Buckle, sponsored by Higbie Livestock, Ryan and Jenny Higbie Family

**Reserve Champion Intermediate Round Robin Showman** – Plaque, sponsored by Higbie Livestock, Ryan and Jenny Higbie Family

Round Robin Showmanship is open by invitation only to the Champion and Reserve Champion Senior and Intermediate Showmanship winners in the following divisions: Beef, Sheep, Swine and Meat Goat.

Contestant will show each of the different species and will be judged on his/her showmanship skills in each of the areas.



## **SPECIAL AWARDS – 4-H MEMBERS**

**Turner Award** – \$25.00, sponsored by the Eldon Turner Family, presented at 4-H Achievement Night. The Turner Award goes to a 4-H member who has worked hard, exhibited good sportsmanship and helped at the fair but hasn't received purple ribbons or top awards.

**Spirit of the Fair Award** – Plaque, sponsored by the Franklin County FCE Council. The Spirit of the Fair Award is for 4-H members who have been helpful and shown good sportsmanship qualities in the Family & Consumer Sciences.

**Good Manners Award** – Plaque, sponsored by Ottawa Optimists, presented at Achievement Night. The Good Manners Award is for a 4-H member who has been helpful and shown good sportsmanship at the fair in the area of Livestock and Poultry.

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### **DIVISION: 4-H BEEF CATTLE**

**Superintendents:** Scott Hatfield, Aaron Dunbar and Darcy Hahn

**Pre-Entry Deadline:** Wednesday, June 28

**Entry and Weigh-In Time:** Wednesday, July 19, 5:00 p.m. – 8:00 p.m.

**Judging Time:** Friday, July 21, 5:30 p.m.

**Release Time:** Saturday, July 22, 7:00 p.m.

#### **Special Awards will be given during the show:**

**Champion Angus Female** – Plaque, sponsored by Wasmund Farms

**Reserve Champion Angus Female** – Plaque, sponsored by Larry Thurston

**Champion Red Angus Female** – Trophy, sponsored by Cottonwood Animal Hospital

**Reserve Champion Red Angus Female** – Trophy, sponsored by Cottonwood Animal Hospital

**Champion British White Female** – Trophy, sponsored by Exclusive 3<sup>rd</sup> Street Spa

**Champion Gelbvieh Female** – Plaque, sponsored by Franklin County Conservation District

**Champion Hereford Female** – Plaque, sponsored by Jo Ellen Arnold

**Champion Registered Hereford Female** – Trophy & \$50.00, sponsored by Scott & Melissa Hatfield

**Champion Limousin Female** – Trophy, sponsored by Love Brothers Limousin

**Reserve Champion Limousin Female** – Plaque, sponsored by Love Brothers Limousin

**Champion Shorthorn Female** – Trophy, sponsored by Scott Mesik – Longarm Services

**Reserve Champion Shorthorn Female** – Trophy, sponsored by G & J Cattle Company, Gary & Jeanne Rose

**Champion Simmental Female** – Plaque, sponsored by Franklin County Conservation District

**Champion AOB Female** – Plaque, sponsored by Longarm Service – Longarm Cattle Company

**Reserve Champion AOB Female** – Rosette, sponsored by Guyett Cattle Co., Jacob & Kendra Guyett  
**Champion Crossbred Female** – Plaque, sponsored by Franklin County KLA  
**Reserve Champion Crossbred Female** – Plaque, sponsored by Tim & Michal Schrader  
**Grand Champion Heifer** – Belt Buckle, sponsored by Judd Ranch  
**Grand Champion Female** – Trophy, sponsored by Orscheln Farm & Home  
**Reserve Champion Female** – Trophy, sponsored by Judd Ranch  
**Champion Senior Beef Showmanship** – \$25.00, sponsored by Barbara & John Netherland  
**Champion Intermediate Beef Showmanship** – Trophy, sponsored by Judd Ranch  
**Champion Junior Beef Showmanship** – Plaque, sponsored by Bob & Carole Bozworth  
**Champion Beginner Beef Showmanship** – Plaque, sponsored by Bob & Carole Bozworth  
**Champion Angus Steer** – Trophy, sponsored by Campbell Farm Meats/Aaron Campbell  
**Reserve Champion Angus Steer** – Plaque, sponsored by Friends of 4-H  
**Champion Charolais Steer** – Trophy, sponsored by Hat Creek Ranch, Jim, Lori, Ruby & Wyatt Hamilton  
**Champion Hereford Steer** – \$100.00, sponsored by Scott & Melissa Hatfield  
**Champion Limousin Steer** – Trophy, sponsored by Jo Ellen Arnold  
**Reserve Champion Limousin Steer** – Plaque, sponsored by Love Brothers Limousin  
**Champion Shorthorn Steer** – Trophy, sponsored by Scott Mesik-Longarm Services  
**Reserve Champion Shorthorn Steer** – Trophy, sponsored by Scott Mesik-Longarm Services  
**Champion Simmental Steer** – Trophy, sponsored by Dan & Diana Kay  
**Champion AOB Steer** – Plaque, sponsored by Longarm Service – Longarm Cattle Company  
**Reserve Champion Crossbred Steer** – Plaque, sponsored by Tim & Michal Schrader  
**Champion Crossbred Market Steer** – Plaque, sponsored by Shadeland Stock Farm, Beauchamp and Carlson Families  
**Grand Champion Market Steer** – Belt Buckle, Anipro Extraformance Minerals, Robert Miller  
**Grand Champion Market Steer** – Trophy, sponsored by Franklin County Farm Bureau Association  
**Grand Champion Market Steer (if Crossbred)** – \$15.00, sponsored by Shadeland Stock Farm, Beauchamp and Carlson Families  
**Reserve Champion Market Steer** – Trophy, sponsored by Kansas State Bank  
**3<sup>rd</sup> Overall Market Beef** - \$10.00, In Memory of Louise Wray and Junior Campbell, Given by Jack & Avis Wray  
**Beef Rate-of-Gain, 1<sup>st</sup>** – Plaque, sponsored by Gatewood Angus Farm  
**Beef Rate-of-Gain, 2<sup>nd</sup>** – Plaque, sponsored by Gatewood Angus Farm  
**Best Pen of 3 Steers, 1<sup>st</sup>** – \$10.00, sponsored by McConnell Machinery Company  
**Best Pen of 3 Steers, 2<sup>nd</sup>** – \$5.00, sponsored by McConnell Machinery Company  
**Franklin County Born & Bred** - \$100.00, sponsored by Larry & Lori Brockus

**Special Awards to be given at the Awards Presentation:**

**Top 1<sup>st</sup> Year Beef Exhibitor** – \$50.00, sponsored by Midge Ransom  
**Cleanest Stall** – \$50.00, sponsored by Midge Ransom

1. **The Steer and Heifer Show will be a no-fit show, “Blow & Show”. “No Fit” is defined as using no adhesive, glue, paint or powder products.**
2. Breeding females must be entered with the superintendent **at the fair on Wednesday night**. Pre-entry **does not** mean animal is entered in the appropriate class. Pre-entry only holds a place for the animal in the barn.
3. All beef exhibits must be stalled at night in the beef barn or in the designated tie out area only. Animals being placed within the tie out area pen provided must be in the pen by 10 p.m. each night so the pen can be secured. Exceptions to the 10 p.m. rule must be coordinated prior with the beef superintendent and in case of the beef show running long, the pen will be secured 1 hour after the conclusion of the beef show. No other tie out areas will be allowed and no cattle will be tied out at trailers. Animals in the tie out area should be removed and back in their stall in the barn by 10 a.m.
4. Straw must be used in designated tie out area. At the conclusion of the fair, it is the exhibitor's responsibility to move all bedding back 2 feet from the pipe fence.
5. All entries are to be bedded on wood shavings, in the cattle barn. No fine saw dust, pellets, stall/trailer mats or straw will be allowed in the barn. Rubber toe mats can be used in conjunction with wood shavings at the head of the stall but cannot be used as the only means of bedding. All bedding must be out of bags, with all plastic and paper removed from the stall. At the conclusion of the fair, all bedding should be pulled 2 feet from the pipe fences. Violation of these rules will result in a \$10 fine per animal.
6. Please note stall space is calculated at 2-3 feet per animal and tack area is designated by club.

**100** Market Steer

**101** Heifer Junior Calf – Under 1 year – Born January-April

**102** Heifer Senior Calf – Under 1 year – Born September-December

**103** Heifer Summer Yearling – 1 year old – Born May-August

**104** Heifer Junior Yearling – 1 year old – Born January-April

**105** Heifer Senior Yearling – 1 year old – Born September-December

**106** Cow – 2 years and older

**Premium Awards:** Purple or Blue \$3.00 Red \$2.00 White \$1.00

**107** Beginning Showmanship - Ages 7-8

**108** Junior Showmanship - Ages 9-11

**109** Intermediate Showmanship – Ages 12-14

**110** Senior Showmanship – Ages 15-18

**No premium money paid on Showmanship Classes – Ribbons only**

### **BEEF SHOW ORDER:**

**Heifers** – shown in alphabetical order by breed with Crossbred last, youngest to oldest

**Showmanship** – Senior, Intermediate, Junior, Beginner

**Steers** - shown in alphabetical order by breed and weight with Crossbred last

## **DIVISION: 4-H BUCKET CALF**

**Superintendent:** Brandy Shoemaker and Spencer Shoemaker

**Pre-Entry Deadline:** Wednesday, June 28

**Entry Time:** Wednesday, July 19, 5:00 p.m. – 8:00 p.m.

**Judging Time:** Thursday, July 20, 10:00 a.m.

**Release Time:** Saturday, July 22, 7:00 p.m.

### **Special Awards will be given during the show:**

**Champion Bucket Calf, 7-9 yr. old** – Trophy, sponsored by the Brad Shoemaker Family

**Reserve Champion Bucket Calf, 7-9 yr. old** – Trophy, sponsored by the Brad Shoemaker Family

**Champion Bucket Calf, 10-12 yr. old** – Trophy, sponsored by Mike & Billie Stowell

**Reserve Champion Bucket Calf, 10-12 yr. old** – Trophy, sponsored by the Brad Shoemaker Family

### **Special Award to be given at the Awards Presentation:**

**Top 1<sup>st</sup> Year Bucket Calf Exhibitor** – Trophy, sponsored by Guyett Cattle Co., Jacob & Kendra Guyett

**Bucket Calf Cleanest Stall Award** – Trophy, sponsored by Gatewood Angus Farm

1. Bucket calves must have been born January 1 – May 1 of this current year.
2. The 4-H member will have a conference with the judge. Bring a completed 4-H bucket calf sheet for the interview.
3. On show day, check with the superintendent for the show order and individual interview time.
4. At no time are bucket calves judged on conformation qualities.
5. A 4-H member may not show in the dairy and/or beef class the same year he/she shows a bucket calf.
6. A 4-H member may not show a bucket calf if they showed in the dairy and/or beef class the previous year.

**111**     Ages 7-9

**112**     Ages 10-12

**No premium money paid on any bucket calf classes.**

### **BUCKET CALF SHOW ORDER:**

**Interviews – 4-H Members**

**4-H Members - Ages 7-9**

**4-H Members - Ages 10-12**

## **DIVISION: 4-H DAIRY CATTLE**

**Superintendent:** Kevin Fast

**Pre-Entry Deadline:** Wednesday, June 28

### **Entry and Release Time**

**With Stall Reservation: Entry Time** – Wednesday, July 19, 5:00 p.m. – 8:00 p.m.

**Release Time** – Saturday, July 22, 7:00 p.m.

**Without Stall Reservation, Brought in Day of Show: Entry Time** – Thursday, July 20, 9:00 a.m.

**Release Time** – Immediately Upon Conclusion of the Dairy Cattle Show

**Judging Time:** Thursday, July 20, 1:30 p.m.

### **Special Awards will be given during the show:**

**Champion Senior Dairy Showmanship** – Trophy, sponsored by Jo Ellen Arnold

**Champion Junior Dairy Showmanship** – Trophy, sponsored by Linda Thurston

**Overall Champion Dairy Showmanship** – Plaque, sponsored by Bob & Carole Bozworth

**Overall Champion Dairy Cow** – Rosette, sponsored by Dee Shuck

**Overall Champion Dairy Heifer** – Rosette, Sponsored by Dee Shuck

**Grand Champion Dairy Female** – Trophy, sponsored by Scott Mesik-Accelerated Genetics

**Overall Reserve Champion Dairy Cow** – Rosette, sponsored by Dee Shuck

**Overall Reserve Champion Dairy Heifer** – Rosette, sponsored by Dee Shuck

### **Special Award to be given at the Awards Presentation:**

**Top 1<sup>st</sup> Year Dairy (Cattle or Goat) Exhibitor** – Plaque, sponsored by Friends of 4-H

All dairy cattle, brought in the day of the show, are to be entered by 9:00 a.m. on Thursday, July 20<sup>th</sup>. They will be stalled on the north outside area of the tie out pen. They will be released immediately upon conclusion of the dairy cattle show to return to milk production.

Each 4-H member is limited to showing four dairy animals (No more than 2 per class).

**120** Junior Heifer Calf – Born December 1 – April 30

**121** Heifer Calf – Born September 1 – November 30

**122** Yearling Heifer – Born March 1 – February 28

**123** Cow Class

**124** Daughter/Dam Class

**Premium Awards:** Purple or Blue \$3.00 Red \$2.00 White \$1.00

**125** Junior Showmanship – Ages 7-11

**126** Intermediate Showmanship – Ages 12-14

**127** Senior Showmanship – Ages 15-18

**No premium money paid on Showmanship Classes – Ribbons only**

**DAIRY CATTLE SHOW ORDER:**

**Showmanship** – oldest to youngest, by age of youth

**All Other Breeds** - shown in alphabetical order by breed, youngest to oldest

**Holstein** – youngest to oldest

**Jersey** – youngest to oldest

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**DIVISION: 4-H DAIRY GOATS**

**Superintendent:** Kevin Fast

**Pre-Entry Deadline:** Wednesday, June 28

**Entry and Release Time**

**With Stall Reservation: Entry Time** - Wednesday, July 19, 5:00 p.m. – 8:00 p.m.

**Release Time** - Saturday, July 22, 7:00 p.m.

**Without Stall Reservation, Brought in Day of Show: Entry Time** – Thursday, July 20, 9:00 a.m.

**Release Time** – Immediately Upon Conclusion of the Dairy Goat Show

**Judging Time:** Thursday, July 20, 1:00 p.m.

**Special Awards will be given during the show:**

**Champion Dairy Goat Showmanship** – Trophy, sponsored by Curtis Custom Ag

**Reserve Champion Dairy Goat Showmanship** – Rosette, sponsored by Brad Shoemaker Family

**Grand Champion Dairy Goat** – Trophy, sponsored by Maggie Stowell

**Reserve Champion Dairy Goat** – Plaque, sponsored by Katie Stowell

**Special Award to be given at the Awards Presentation:**

**Top 1<sup>st</sup> Year Dairy (Cattle or Goat) Exhibitor** – Plaque, sponsored by Friends of 4-H

1. Each 4-H member is limited to showing 4 dairy goats (no more than 2 per class).
2. All goats must be bedded on wood shavings or landscape mulch. No fine saw dust, pellets, rubber mats or straw allowed. All bedding must be out of bags, with all plastic and paper removed from the stall. At the conclusion of the fair the exhibitor is responsible for removing bedding to center aisle. Failure to clean pens will result in a \$10 per animal/pen fee.
3. All dairy goats, brought in the day of the show, are to be entered by 9:00 a.m. on Thursday, July 20th. They will be stalled on the north outside area of the tie out pen. They will be released immediately upon conclusion of the dairy goat show to return to milk production.

**130** Doe under 4 months of age

**131** Doe 4 months and under 8 months

**132** Doe 8 months and under 12 months

**133** Doe 12 months and under 24 months (not in milk; or not previously fresh)

134 Doe 12 months and under 24 months (in milk or previously fresh)

135 Doe over two years of age

**Ribbon Awards:** Champion of All Breeds - Ribbon

**Premium Awards:** Purple or Blue \$3.00 Red \$2.00 White \$1.00

136 Showmanship (13 yrs. and younger)

137 Showmanship (14 yrs. and older)

**No premium money paid on Showmanship Classes – Ribbons only**

**Be sure to designate breed on entry tag.**

#### **DAIRY GOATS SHOW ORDER:**

**Showmanship** – oldest to youngest, by age of youth

**All Breeds** - shown in alphabetical order by breed, youngest to oldest

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#### **DIVISION: 4-H MEAT GOATS**

**Superintendents:** Brad Shoemaker and Chris Cunningham

**Pre-Entry Deadline:** Wednesday, June 28

**Entry Time:** Wednesday, July 19, 5:00 p.m. – 8:00 p.m.

**Judging Time:** Thursday, July 20, 6:00 p.m.

**Release Time:** Saturday, July 22, 7:00 p.m.

**Special Awards will be given during the show:**

**Champion Senior Meat Goat Showmanship** – Trophy, sponsored by Ken & Dawn Rumford

**Champion Intermediate Meat Goat Showmanship** – Rosette, sponsored by Brad Shoemaker Family

**Champion Junior Meat Goat Showmanship** – Rosette, sponsored by Brad Shoemaker Family

**Champion Beginner Meat Goat Showmanship** – Plaque, sponsored by Tim & Kris Horton

**Grand Champion Breeding Doe** – Belt Buckle, sponsored by AHI Livestock

**Champion Meat Goat Female** – Trophy, sponsored by Curtis Custom Ag

**Reserve Champion Meat Goat Female** – Plaque, sponsored by Campbell Farm Meats/Aaron Campbell

**Grand Champion Meat Goat** – Trophy, sponsored by Peoples Bank

**Reserve Champion Meat Goat** – Plaque, sponsored by Peoples Bank

**3<sup>rd</sup> Overall Meat Goat** – \$10.00, In Memory of Louise Wray and Junior Campbell, Given by  
Jack & Avis Wray

**Meat Goat Rate-of-Gain** – \$10.00, sponsored by John & Brenda Wray

**Special Award to be given at the Awards Presentation:**

**Top 1st Year Meat Goat Exhibitor** - \$10.00, sponsored by Aaron Higbie Family

All goats must be bedded on wood shavings or landscape mulch. No fine saw dust, pellets, rubber mats or straw allowed. All bedding must be out of bags, with all plastic and paper removed from the stall. At the conclusion of the fair the exhibitor is responsible for removing bedding to center aisle. Failure to clean pens will result in a \$10 per animal/pen fee.

**140** Market Meat Goat

**141** Meat Goat Doe under 1 year of age

**142** Meat Goat Doe 1 year and older

**Premium Awards:** Purple or Blue \$3.00 Red \$2.00 White \$1.00

**143** Beginning Showmanship – Ages 7-8

**144** Junior Showmanship – Ages 9-11

**145** Intermediate Showmanship – Ages 12-14

**146** Senior Showmanship – Ages 15-18

**No premium money paid on Showmanship Classes – Ribbons only**

**MEAT GOAT SHOW ORDER:**

**Showmanship** – oldest to youngest, by age of youth

**Meat Goat Does** – shown in alphabetical order by breed, youngest to oldest

**Market Meat Goat** - shown in alphabetical order by breed, youngest to oldest

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**DIVISION: 4-H SHEEP**

**Superintendents:** Brad Shoemaker and Chris Cunningham

**Pre-Entry Deadline:** Wednesday, June 28

**Entry Time:** Wednesday, July 19, 5:00 p.m. – 8:00 p.m.

**Judging Time:** Thursday, July 20, 8:00 p.m.

**Release Time:** Saturday, July 22, 7:00 p.m.

**Special Awards will be given during the show:**

**Champion Senior Sheep Showmanship** – Plaque, sponsored by Franklin County Farm Bureau Association

**Reserve Champion Senior Sheep Showmanship** – Plaque, sponsored by Dean & Alexis Chambers

**Champion Intermediate Sheep Showmanship** – Plaque, sponsored by Ted Van Horn

**Reserve Champion Intermediate Sheep Showmanship** – Trophy, sponsored by Tauby Creek Sheep Farm, Carol & Imogene Droddy



**Champion Junior Sheep Showmanship** – Plaque, sponsored by Gerald Shepherd  
**Reserve Champion Junior Sheep Showmanship** – Plaque, sponsored by Chris & Michele Dunlap  
**Champion Beginner Sheep Showmanship** – Plaque, sponsored by John & Rebecca McFarland  
**Reserve Champion Beginner Sheep Showmanship** – Rosette, sponsored by Brad Shoemaker Family  
**Champion Hamp Market Lamb** – \$10.00, sponsored by John & Brenda Wray  
**Champion Suffolk Market Lamb** – Trophy, sponsored by Tauy Creek Sheep Farm, Carol & Imogene Droddy  
**Champion Crossbred Market Lamb** – Plaque, sponsored by Cade and Chad Hibdon  
**Grand Champion Market Lamb** – Belt Buckle, sponsored by the Brad Shoemaker Family and Darren & Julie Hibdon  
**Reserve Champion Market Lamb** – Trophy, sponsored by East Wilson Recycle  
**Sheep Rate of Gain, 1<sup>st</sup> Place** - Plaque, sponsored by Dean & Alexis Chambers  
**Sheep Rate of Gain, 2<sup>nd</sup> Place** – Plaque, sponsored by Chambers Farm, Tom & Beth Chambers  
**Champion Hamp Ewe** – Plaque, sponsored by Campbell Farm Meats/Aaron Campbell  
**Champion Suffolk Ewe** – Plaque, In Memory of John Compton  
**Reserve Champion Suffolk Ewe** – Rosette, sponsored by Jim Ed Compton  
**Champion Crossbred Ewe** – Plaque, sponsored by Friends of 4-H  
**Grand Champion Breeding Ewe** – Belt Buckle, sponsored by Higbie Livestock, Ryan & Jenny Higbie  
**Grand Champion Ewe** – Rosette, sponsored by Brad Shoemaker Family  
**Reserve Champion Ewe** – Rosette, sponsored by Rose Baker

**Special Awards to be given at the Awards Presentation:**

**Top 1<sup>st</sup> Year Sheep Exhibitor** – Trophy, sponsored by Ralph & Sandi Ferguson

All sheep must be bedded on wood shavings or landscape mulch. No fine saw dust, pellets, rubber mats or straw allowed. All bedding must be out of bags, with all plastic and paper removed from the stall. At the conclusion of the fair the exhibitor is responsible for removing bedding to center aisle. Failure to clean pens will result in a \$10 per animal/pen fee.

**150** Market Lamb

**151** Ewe Lamb (under 1 year)

**152** Yearling Ewe

**153** Ewe – 2 years and older

**Premium Awards:** Purple or Blue \$3.00 Red \$2.00 White \$1.00

**154** Beginning Showmanship – Ages 7-8

**155** Junior Showmanship – Ages 9-11

**156** Intermediate Showmanship – Ages 12-14

**157** Senior Showmanship – Ages 15-18

**No premium money paid on Showmanship Classes – Ribbons only**

**SHEEP SHOW ORDER:**

**Showmanship** – shown in alphabetical order by breed with Crossbred last,  
oldest to youngest by age of youth

**Market Lamb** – shown in alphabetical order by breed with Crossbred last

**Breeding** – shown in alphabetical order by breed with Crossbred last

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**DIVISION: 4-H SWINE**

**Superintendents:** Ralph Ferguson, Doyle Sobba, Laurinda Sobba,  
Zach Sobba, and Tristan Davis

**Pre-Entry Deadline:** Wednesday, June 28

**Entry Time:** Wednesday, July 19, 5:00 p.m. – 8:00 p.m.

No Hogs allowed on grounds until Wednesday at 5:00 p.m.

**Judging Time:** Friday, July 21, 8:00 a.m.

**Release Time:** Saturday, July 22, 7:00 p.m.

**Special Awards will be given during the show:**

**Champion Senior Swine Showmanship** – Trophy, In Memory of Don Davis

**Champion Intermediate Swine Showmanship** – Plaque, sponsored by Kevin Bowman

**Champion Junior Swine Showmanship** – Plaque, sponsored by Kevin Bowman

**Champion Beginner Swine Showmanship** – \$10.00, sponsored by Thad, Theron & Thane Combs

**Champion Duroc Gilt** – Rosette, sponsored by Kevin Bowman

**Champion Hamp Gilt** – Trophy, sponsored by Santa Fe Trail Meats

**Champion York Gilt** – Trophy, sponsored by Sac Creek Hog Farms

**Champion AOB Gilt** – Plaque, sponsored by Friends of 4-H

**Champion Crossbred Gilt** – Plaque, sponsored by Friends of 4-H

**Grand Champion Breeding Gilt** – Belt Buckle, sponsored by Santa Fe Trail Meats

**Grand Champion Gilt** – Trophy, sponsored by Kevin Bowman

**Reserve Champion Gilt** – Plaque, sponsored by Debbie Chambers-Regier

**Champion Duroc Market Hog** – Rosette, sponsored by Kevin Bowman

**Reserve Champion Duroc Market Hog** – Rosette, In Memory of Don Davis

**Champion Hamp Market Hog** – Plaque & \$5.00, sponsored by Campbell & Campbell Farm

**Reserve Champion Hamp Market Hog** – Rosette, In Memory of Don Davis

**Champion York Market Hog** – Trophy, sponsored by Sac Creek Hog Farms

**Reserve Champion York Market Hog** – Rosette, sponsored by Santa Fe Trail Meats

**Champion AOB Market Hog** – Plaque, In Memory of Don Davis

**Reserve Champion AOB Market Hog** – Rosette, In Memory of Don Davis

**Champion Crossbred Market Hog** – Trophy, sponsored by Peoples Bank

**Reserve Champion Crossbred Market Hog** – Rosette, sponsored by Santa Fe Trail Meats

**Grand Champion Market Hog** – Belt Buckle, sponsored by J/L Davis Show Pigs

**Grand Champion Market Hog** – Trophy, sponsored by Kansas State Bank

**Reserve Champion Market Hog** – Trophy, sponsored by Franklin County Farm Bureau Association

**3<sup>rd</sup> Overall Market Swine** - \$10.00, In Memory of Louise Wray and Junior Campbell, Given by  
Jack & Avis Wray

**Special Award to be given at Awards Presentation:**

**Top 1<sup>st</sup> Year Swine Exhibitor** – \$10.00, sponsored by Steve and Juanita Sleichter

**160** Market Hog

**161** Gilt, farrowed after Jan. 1<sup>st</sup>

**Premium Awards:** Purple or Blue \$3.00 Red \$2.00 White \$ 1.00

**162** Showmanship, Beginning Class, Ages 7-8

**163** Showmanship, Junior Class, Ages 9-11

**164** Showmanship, Intermediate Class, Ages 12-14

**165** Showmanship, Senior Class, Ages 15-18

**No premium money paid on Showmanship Classes – Ribbons only**

**Be sure to designate breed on entry tag.**

**SWINE SHOW ORDER:**

**Showmanship** – oldest to youngest, by age of the youth

**Breeding** – shown alphabetically by breed with Crossbred last

**Market** – shown alphabetically by breed with Crossbred last

## 4-H LIVESTOCK STALL RESERVATION FORM

### BEEF, DAIRY, GOATS, SHEEP & SWINE

Enter online at

<http://www.frontierdistrict.k-state.edu/4-h/franklin-eventsandinformation/index.html>

or return this form to the Frontier Extension District, Ottawa Office

**BY WEDNESDAY, JUNE 28**

#### One Exhibitor per Entry Form

4-H Member's Name \_\_\_\_\_

Phone # \_\_\_\_\_ Age as of Jan. 1, 2017 \_\_\_\_\_

Club \_\_\_\_\_

Due to shortage of space in the livestock barns, we ask that you do not reserve a spot for animals you are not planning to bring to the Franklin County Fair. Space will be allotted in the beef area for show boxes and supplies, so there is no need in reserving a spot for those items. If you have last minute changes in the beef project, please feel free to contact the Extension Office or one of the beef superintendents.

List the number of animals to be exhibited.

Circle each area in which this is your first year to exhibit an animal.

\_\_\_\_\_ Market Steer      \_\_\_\_\_ Market Hog      \_\_\_\_\_ Market Lamb

\_\_\_\_\_ Breeding Beef      \_\_\_\_\_ Breeding Gilt      \_\_\_\_\_ Breeding Ewe

\_\_\_\_\_ Bucket Calf      \_\_\_\_\_ Meat Goat

#### **Stall Reservation: Bring animal on Wednesday and take home on Saturday**

\_\_\_\_\_ Dairy Heifer      \_\_\_\_\_ Dairy Cow      \_\_\_\_\_ Dairy Goat

**Do not need a stall: will bring animal on Thursday and take home upon conclusion of the show**

\_\_\_\_\_ Dairy Heifer      \_\_\_\_\_ Dairy Cow      \_\_\_\_\_ Dairy Goat

**REMEMBER – You must enter your animals (market and breeding) with the superintendent on Wednesday night when you bring them to the fair.**

**Exhibitors – You do not need to pre-enter in the Showmanship Classes**

## CAT ENTRY FORM

**Return Entry Form by Wednesday, June 28** to the Frontier Extension District, Ottawa Office.

### One Exhibitor per Entry Form

4-H Member's Name \_\_\_\_\_

Phone # \_\_\_\_\_ Age as of Jan. 1, 2017 \_\_\_\_\_

Club \_\_\_\_\_

Total Number of Cats (6 months & older) Being Exhibited: \_\_\_\_\_

List Name of Cat (s) \_\_\_\_\_

\_\_\_\_\_

More Entry Forms are available at the Frontier Extension District, Ottawa Office.

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### **DIVISION: 4-H CATS**

**Superintendents:** Dawn Rumford and Kaylyn Rumford

**Pre-Entry Deadline:** Wednesday, June 28

**Entry Time:** Wednesday, July 12, 6:30 p.m., Poultry Barn

**Judging Time:** Wednesday, July 12, 6:45 p.m., Poultry Barn

**Special Awards will be given during the show:**

**Champion Cat** – Trophy, sponsored by Shon & Jenny Yust

**Reserve Champion Cat** – Rosette, sponsored by Karen Martinez

1. Cats must have current vaccination papers at the time of check-in.
2. A 4-H member must be enrolled in Cats to exhibit at the fair.
3. All animals must be confined. Bring your own carrier or cage.
4. Cats will be judged on overall condition, thriftiness, cleanliness and appearance, and disposition. Also, on the creativity of the 4-H member and the knowledge the 4-H member has about that animal.
5. A 4-H member may show no more than 2 cats.
6. Animals will be brought in only during the show time and will return home afterwards.
7. No visual aids (videos, notebooks, pics, etc.)

**170** Cats – 6 months & older

**Ribbon Awards:** Champion, Reserve Champion, Purple, Blue, Red & White

**Premium Awards:** Purple or Blue \$1.00 Red \$0.75 White \$0.50

## DOG ENTRY FORM

Return Entry Form by Wednesday, June 28 to the Frontier Extension District, Ottawa Office.

### One Exhibitor per Entry Form

4-H Member's Name \_\_\_\_\_

Phone # \_\_\_\_\_ Age as of Jan. 1, 2017 \_\_\_\_\_

Club \_\_\_\_\_

Dog's Name \_\_\_\_\_ Dog's Height \_\_\_\_\_

Breed of Dog: \_\_\_\_\_

**Class (circle all that apply):**

<u>Pre-Agility</u>	<u>Agility 1</u>	<u>Obedience</u>	<u>Rally Obedience</u>	<u>Showmanship</u>
Division 1	Division 1	Pre-Novice	Level I – on leash	Pre-Junior 7-8
Division 2	Division 2	Novice	Level II	Junior 9-11
Division 3	Division 3	Graduate Novice	Level III	Intermediate 12-14
				Senior 15-18

More Entry Forms are available at the Frontier Extension District, Ottawa Office.

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### DIVISION: 4-H DOGS

**Superintendent:** Devin Ramsey

**Pre-Entry Deadline:** Wednesday, June 28

**Entry Time:** Wednesday, July 12, 5:45 p.m., Hayward Arena

**Show Time:** Wednesday, July 12, 6:00 p.m., Fairgrounds

**Special Awards will be given during the show:**

**Champion Dog Agility I** – Trophy, sponsored by Donna Arnaud

**Dog Agility on Leash** – Trophy, sponsored by Brent & Emily Mathis

**Champion Dog 1<sup>st</sup> Year Agility** – Trophy, sponsored by Tim & Michal Schrader

**Champion Senior Dog Showmanship** – Trophy, sponsored by Jo Ellen Arnold

**Champion Intermediate Dog Showmanship** – Trophy, sponsored by Bob & LaDean Krueger

**Champion Junior Dog Showmanship** – Trophy, sponsored by Brent & Emily Mathis

**Champion High Point 1<sup>st</sup> Year** – Rosette, sponsored by Franklin County Conservation District  
**Dog Obedience – Pre Novice A** – Trophy, sponsored by Brent & Emily Mathis  
**Dog Obedience – Pre Novice B** – Plaque, sponsored by Friends of 4-H  
**Champion Dog Obedience – Novice** – Trophy, sponsored by Donna Arnaud  
**Champion Dog Obedience – Graduate Novice** – Trophy, sponsored by Bob & LaDean Krueger

1. 4-H Dog Show Immunization Record (only MG-34 Revised, October 2014 accepted) must be completed for each dog entered at the Dog Show. The fully completed form must be presented at check-in to be eligible to compete. Required vaccinations include: Bordetella, Distemper, Hepatitis, Parvovirus, Parainfluenza, and Rabies. The rabies vaccination must be administered by a graduate, licensed veterinarian. All vaccinations must be current. Dogs must be at least 6 months of age at time of show, in order to have received all of the required immunizations.
2. Any abuse of dogs on grounds, or in the ring, will result in disqualification.
3. No dog in season will be allowed to show.
4. A 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. Any dog fouling the ring will receive a white ribbon. Owners should collect all dog waste in plastic bags and put in trash.
6. Baiting dogs with food, toys, training devices, etc. will not be allowed. Multiple commands and signals are allowed.
7. Dogs are not allowed to run at large. Dogs must be kept on a leash or in a kennel when not in the show ring.
8. A Champion and Reserve Champion will be chosen in each of the four categories: Showmanship, Obedience, Rally Obedience, and Agility.

### **Showmanship**

Entries will be judged on fitting on the dog: clean and well brushed, tone and condition of coat, healthy appearance, teeth, toenails, and eyes. Handler will be judged on alertness, grace and ease, coordination with dog and reaction of dog to handler with straight and even gait and movement of dog.

- 175** Pre-Junior, 7 – 8 years old  
**176** Junior, 9 – 11 years old  
**177** Intermediate, 12 – 14 years old  
**178** Senior, 15 and older

**No premium money paid on Showmanship Classes – Ribbons only**

### **Obedience**

- 179** Pre-Novice  
**180** Novice  
**181** Graduate Novice

### **Rally Obedience**

- 182** Level I – on leash  
**183** Level II

184 Level III

### Agility

It is required that pre-novice obedience be a prerequisite to agility training. Dogs must be at least 12 months old before competing.

1. Small dogs – under 15” at the withers
2. Medium dogs – 15 – 20” at the withers
3. Large dogs – more than 20” at the withers

185 Pre-Agility - Division I

186 Pre-Agility - Division II

187 Pre-Agility - Division III

188 Agility - Division I

189 Agility – Division II

190 Agility – Division III

**Ribbon Award:** Champion, Reserve Champion, Purple, Blue, Red & White

**Premium Awards:** Purple or Blue \$1.50      Red \$1.00      White \$0.50

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## HAND PET ENTRY FORM

**Return Entry Form by Wednesday, June 28** to the Frontier Extension District, Ottawa Office.

### One Exhibitor per Entry Form

4-H Member's Name \_\_\_\_\_

Phone # \_\_\_\_\_ Age as of Jan. 1, 2017 \_\_\_\_\_

Club \_\_\_\_\_

Total Number of Hand Pets Being Exhibited: \_\_\_\_\_

List Type of Animal (no poultry and/or live birds allowed) \_\_\_\_\_

\_\_\_\_\_

More Entry Forms are available at the Frontier Extension District, Ottawa Office.



## **DIVISION: 4-H HAND PETS**

**Superintendents:** Dawn Rumford and Kaylyn Rumford

**Pre-Entry Deadline:** Wednesday, June 28

**Entry Time:** Wednesday, July 12, 6:30 p.m., Poultry Barn

**Judging Time:** Wednesday, July 12, 6:45 p.m., Poultry Barn

**Special Awards will be given during the show:**

**Champion Hand Pet** – Rosette, sponsored by Leonard & Linda Robbins

**Reserve Champion Hand Pet** – \$5.00, sponsored by Leonard & Linda Robbins

1. **No poultry and/or live birds allowed.**
2. A 4-H member must be enrolled in Hand Pets to exhibit at the fair.
3. Pets will be placed in various classes as designated. Questions about which class a pet belongs in, will be made by the Extension Agent and the Superintendent.
4. All animals must be confined (i.e., fish in bowls, hamsters in cages, goats on a lead rope).
5. Pets will be judged on thriftiness, cleanliness and present ability, and disposition. The knowledge of the animal by the 4-H member will also be a factor during judging.
6. A 4-H member may show no more than 2 hand pets.
7. Animals being shown in other divisions are not eligible to show in the pet division.
8. Animals will be brought in only during the show time and will return home afterwards.
9. No visual aids (poster, video, pics, notebook, etc.)

**195** All Hand Pets

**Ribbon Awards:** Champion, Reserve Champion, Purple, Blue, Red & White

**Premium Awards:** Purple or Blue \$1.00 Red \$0.75 White \$0.50

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## **DIVISION: 4-H HORSES**

**Superintendents:** Joy Miller

**Pre-Entry Deadline:** Wednesday, June 28

**Entry Time:** Saturday, July 22, 8:00 a.m. - THIS IS FOR ALL EVENTS INCLUDING RACES

**Show Time:** Saturday, July 22, 9:00 a.m.

**Races:** Saturday, July 22 - Races will begin immediately after the 4-H Horse Show

**Special Awards to be given at the Awards Presentation:**

**Champion Junior Horse Showmanship** – Trophy, In Memory of William Cunningham, sponsored by C.S. Cunningham Construction

**Champion Intermediate Horse Showmanship** – Trophy, In Memory of William Cunningham, sponsored by C.S. Cunningham Construction

**Champion Senior Horse Showmanship** – Trophy, In Memory of William Cunningham, sponsored by C.S. Cunningham Construction

**Overall Junior Horsemanship Exhibitor** – Trophy, sponsored by New Horizon Ranch

**Overall Intermediate Horsemanship Exhibitor – Trophy, sponsored by New Horizon Ranch**  
**Overall Senior Horsemanship Exhibitor – Trophy, sponsored by New Horizon Ranch**

**“THANK YOU” to all who donated to the Franklin County Horse Club. We, as 4-H members, truly appreciate your support.**

**An ID paper must be turned in to the Ottawa Extension Office on each horse by May 1.**

1. All horses must have a negative Coggins Test within 12 months of the show. No health papers required.
2. The Franklin County Horse project members will abide by the rules set for county events. These rules come from the following sources:
  - \*Handbook for Kansas 4-H Horse Show Rule Book (Revised June 2013)
  - \*Guidelines set up by the Frontier Extension District
3. A Rules Committee will be appointed to settle disputes.
4. Ownership of the horse will be as stated in the Handbook for Kansas 4-H Horse Show Rule Book.
5. All judges will be hired by the Extension Office. All judges' decisions are final.
6. 4-H dress code will be enforced for classes 200-234. Classes 235-238 must have boots, jeans, helmet, shirt with sleeves and a saddle.
7. Classes will be split by ages after pre-entries are turned in to the Extension Office. This will make class sizes more uniform and safer for children and horses. Ages are posted on actual entry form but they are subject to change.
8. Entry books will close when the first class begins. A pre-entry form will be available before the show and will be due back in the Extension Office by the date listed on the form. A 4-H member may not enter additional classes the day of the show but may drop classes, if necessary.
9. A 4-H member may exhibit ONLY one horse per class but may enter as many classes as they desire. Halter: a 4-H member may enter any one horse only once in classes 200-208.
10. No unauthorized people are allowed in the crowd's nest or bookkeeping areas. If violated, premiums will be forfeited. This applies to youth and adults.
11. There will be High Point Awards for Junior, Intermediate and Senior Divisions in Performance and Races.
  - a. 4-H member must identify one horse which points will be kept on for the High Point award in each of the categories – performance and races.
  - b. Changes will be made, in case of emergency, on the day of the show, no later than check-in time that day (9:00 a.m.).
  - c. Halter division points will not be included in the total for the high point performance horse or the race horse as halter has its own awards.
12. High Point Rider points will be kept on the following system:

|                       |                   |                     |
|-----------------------|-------------------|---------------------|
| Top Purple – 6 points | Purple – 5 points | Top Blue – 4 points |
| Blue – 3 points       | Red – 2 points    | White – 1 point     |
13. A Miniature Horse is 34 inches and under in height.
14. A Pony is 56 inches and under in height or 14.2 hands.
15. Entry time for all entries, including the racing events, will start at 8:00 a.m. The show will start at 9:00 a.m. 4-H members must pre-enter in classes by June 28.
16. To be eligible to enter the State 4-H Horse Show at the Kansas State Fair, a 4-H member must be between the ages of 9 and 18 before January 1. The 4-H member must have successfully met the requirements of all three sections of Achievement Level I. Showmanship and Halter Class participants

must pass the first two sections of Achievement I plus Ground Work portion of skill test prior to their District qualifying 4-H Horse Show entry deadline.

### **HALTER CLASSES**

- 200** Weanling
- 201** Yearling (no stallions)
- 202** 2-3 Year Old
- 203** Grade – 4 Years and Older
- 204** Registered – 4 Years and Older (Stock Type)
- 205** 4 Years and Older (Non Stock Type)
- 206** Miniature Horse – 34" and under
- 207** Pony – All Ages – 56" and under
- 208** Mule Halter

### **Selection of Champion and Reserve Champion Halter Horse**

- 209** Senior Showmanship – Ages 14-18
- 210** Intermediate Showmanship – Ages 11-13
- 211** Junior Showmanship – Ages 7-10
- 212** Horseless Horse Showmanship
- 213** Tandem Bareback Pleasure – all ages

### **RIDING CLASSES**

- 214** Beginners – 7 yrs. old (participation ribbon only)
- 215** Walk-Trot for inexperienced riders (not horseless horse)
- 216** Horseless Horse Walk-Trot (Cannot do any class with a lope. If entering race classes – **must** trot)
- 217** Novice 2-3 year old Western Pleasure (Horses shown in this class cannot be shown in any other riding class)
- 218** Western Pleasure Stock Type – Senior – Ages 14-18
- 219** Western Pleasure Stock Type – Intermediate – Ages 11-13
- 220** Western Pleasure Stock Type – Junior – Ages 7-10
- 221** Western Pleasure Non Stock Type – Senior – Ages 14-18
- 222** Western Pleasure Non Stock Type – Intermediate – Ages 11-13
- 223** Western Pleasure Non Stock Type – Junior – Ages 7-10
- 224** Pony Pleasure
- 225** Mule Western Pleasure
- 226** Horsemanship – Senior – Ages 14-18
- 227** Horsemanship – Intermediate – Ages 11-13
- 228** Horsemanship – Junior – Ages 7-10
- 229** Senior Trail – Ages 14-18
- 230** Intermediate Trail – Ages 11-13
- 231** Junior Trail – Ages 7-10
- 232** Reining
- 233** Hunt Seat Equitation
- 234** Hunter Under Saddle

**Races will begin immediately after the show.**

**Helmets are required for games/races (See Rule #6)**

**RACE CLASSES**

|            |            |                                   |
|------------|------------|-----------------------------------|
| <b>235</b> | Barrels    | 235 A – Senior – ages 14-18       |
|            |            | 235 B – Intermediate – ages 11-13 |
|            |            | 235 C – Junior – ages 7-10        |
| <b>236</b> | Flags      | 236 A – Senior – ages 14-18       |
|            |            | 236 B – Intermediate – ages 11-13 |
|            |            | 236 C – Junior – ages 7-10        |
| <b>237</b> | Poles      | 237 A – Senior – ages 14-18       |
|            |            | 237 B – Intermediate – ages 11-13 |
|            |            | 237 C – Junior – ages 7-10        |
| <b>238</b> | Goat Tying | 238 A – Senior – ages 14-18       |
|            |            | 238 B – Intermediate – ages 11-13 |
|            |            | 238 C – Junior – ages 7-10        |

**Premium Awards:** Purple or Blue \$3.00   Red \$2.00   White \$1.00

\*Premium Money is paid on the following Classes: 200 - 208 and 217 – 234

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**DIVISION: 4-H POULTRY**

**Superintendents:** Lynda Topp, Lynnett Burroughs, and Al Keefer

**Pre-Entry Deadline:** Wednesday, June 28

**Cooping Time:** Wednesday, July 19, 5:00 p.m. – 8:00 p.m.

**Judging Time:** Thursday, July 20, 9:00 a.m.

**Release Time:** Saturday, July 22, 5:00 p.m.

**Special Awards will be given at the 4-H Awards Presentation:**

**Champion Large Fowl** – Plaque, sponsored by Al Keefer

**Reserve Champion Large Fowl** - \$5.00, sponsored by Lynda Topp

**Champion Poultry** – Plaque, sponsored by Franklin County Conservation District

**Reserve Champion Poultry** – Plaque, sponsored by Peoples Bank

**Champion Beginner Poultry Showmanship** – Rosette, sponsored by Friends of 4-H

**Champion Junior Poultry Showmanship** – Rosette, sponsored by Franklin County Conservation District

**Champion Intermediate Poultry Showmanship** – Rosette, sponsored by Franklin County Conservation District

**Champion Senior Poultry Showmanship** – Rosette, sponsored by Franklin County Conservation District

**Champion Bantam** – Plaque, sponsored by Lynda Topp

**Reserve Champion Bantam** - \$5.00, sponsored by Lynda Topp

1. All chickens and turkeys must be blood tested within 90 days of show. For more information about the blood testing requirements, consult "Information about Disease Testing Requirements for Poultry and Game Birds in Kansas" by Scott Beyer, available from your local Extension Office.
2. It is required that poultry be banded to insure proper identification.

3. Exhibitors are encouraged to carefully consider the welfare of poultry during transportation to and from shows.
2. Entry will be made only in the phase of the poultry project in which the exhibitor is enrolled.
3. There will be a limit of 12 birds per exhibitor. There may be no more than 3 entries per class and a limit of 36 birds per family.
4. No one will be able to talk to the judge or be in the aisle while judging is in progress. These actions will cause exhibitor's birds to be disqualified.
5. The terms cock, cockerel, hen and pullet are defined as follows:  
     Cock: male bird hatched PRIOR to July, PREVIOUS year  
     Cockerel: male bird hatched AFTER July, PREVIOUS year  
     Hen: female bird hatched PRIOR to July, PREVIOUS year  
     Pullet: female bird hatched AFTER July, PREVIOUS year
6. All entry tags shall be COMPLETELY and LEGIBLY filled out for premium money to be paid.
7. All poultry entered must have been owned and in the possession of the 4-H member before May 1 of the current year (Exception: Broiler Class).
8. \*There are no meat pens at the Kansas State Fair.

- 250 Cocks, Standard Breed, large fowl
  - 251 Cockerel, Standard Breed, large fowl
  - 252 Hen, Standard Breed, large fowl
  - 253 Pullet, Standard Breed, large fowl
  - 254 Cocks, Standard Breed, bantams
  - 255 Cockerels, Standard Breed, bantams
  - 256 Hen, Standard Breed, bantams
  - 257 Pullet, Standard Breed, bantams
  - 258 Production Pullets, pen of 3, standard breed, crossbred, or strain cross. To be judged on development of egg production qualities only.
  - 259 Production Hens, pen of 3, standard breed, crossbred, or strain cross. To be judged on egg production qualities only.
  - 260\* Broiler, pen of 3, standard breed, cross bred, or strain cross birds, of the same sex; weighing not over 5 pounds each and under 10 weeks of age
  - 261\* Roasters, pen of 3, standard breed, cross bred, or strain cross birds, of the same sex; weighing over 5 ½ pounds each and under 14 weeks of age
  - 262 Turkey, all breeds, 1 bird of either sex, any age
  - 263 Geese, all breeds, 1 bird of either sex, any age
  - 264 Ducks, all breeds, 1 bird of either sex, any age
- Premium Awards:** Purple and Blue \$1.00      Red \$0.75      White \$0.50

These classes will be judged primarily on the basis of exhibition qualities as described in "The American Standard of Perfection of the American Poultry Association."

#### **Showmanship Ages:**

- 265 Beginner Class, Ages 7-8
- 266 Junior Class, Ages 9-11
- 267 Intermediate Class, Ages 12-14
- 268 Senior Class, Ages 15-18

## POULTRY ENTRY FORM

Return Entry Form by Wednesday, June 28 to the Frontier Extension District, Ottawa Office

### One Exhibitor Per Entry Form

4-H Member's Name \_\_\_\_\_

Phone # \_\_\_\_\_ Age as of Jan. 1, 2017 \_\_\_\_\_

Club \_\_\_\_\_

Total Number of Poultry Being Exhibited: \_\_\_\_\_

| LOT | CLASS<br>NO. | BREED | POULTRY<br>(Cock, Cockerel,<br>Hen, Pullet, Pair,<br>Pen) | BAND<br>NO. |
|-----|--------------|-------|-----------------------------------------------------------|-------------|
|     |              |       |                                                           |             |
|     |              |       |                                                           |             |
|     |              |       |                                                           |             |
|     |              |       |                                                           |             |
|     |              |       |                                                           |             |
|     |              |       |                                                           |             |
|     |              |       |                                                           |             |

More Entry Forms are available at the Frontier Extension District, Ottawa Office.

## RABBIT ENTRY FORM

Return Entry Form by Wednesday, June 28 to the Frontier Extension District, Ottawa Office.

### One Exhibitor per Entry Form

4-H Member's Name \_\_\_\_\_

Phone # \_\_\_\_\_ Age as of Jan. 1, 2017 \_\_\_\_\_

Club \_\_\_\_\_

Total Number of Rabbits Being Exhibited: \_\_\_\_\_

| CLASS<br>NO. | BREED | RABBITS<br>Buck (Junior or Senior)<br>Doe (Junior or Senior)<br>Meat Pen | RABBIT<br>TATTOO # |
|--------------|-------|--------------------------------------------------------------------------|--------------------|
|              |       |                                                                          |                    |
|              |       |                                                                          |                    |
|              |       |                                                                          |                    |
|              |       |                                                                          |                    |
|              |       |                                                                          |                    |
|              |       |                                                                          |                    |
|              |       |                                                                          |                    |

More Entry Forms are available at the Frontier Extension District, Ottawa Office.

## **DIVISION: 4-H RABBITS**

**Superintendents:** Jillian Oberly and Nikki Dekat

**Pre-Entry Deadline:** Wednesday, June 28

**Cooping Time:** Wednesday, July 19, 5:00 p.m. – 8:00 p.m.

**Judging and Showmanship Time:** Thursday, July 20, 8:00 a.m.

**Release Time:** Saturday, July 22, 5:00 p.m.

**Special Awards will be given at the 4-H Awards Presentation:**

**Champion Rabbit** – Plaque, sponsored by Franklin County Conservation District

**Reserve Champion Rabbit** – Plaque, sponsored by Franklin County Waskley Wabbits Club

**Champion Meat Pen** – Rosette, sponsored by Franklin County Conservation District

**Top Junior Buck** – Rosette, sponsored by Orscheln Farm & Home

**Top Junior Doe** – Rosette, sponsored by Orscheln Farm & Home

**Top Senior Buck** – Rosette, sponsored by Orscheln Farm & Home

**Top Senior Doe** – Rosette, sponsored by Orscheln Farm & Home

**Champion Beginner Rabbit Showmanship** – Rosette, sponsored by Franklin County Waskley Wabbit Club

**Champion Junior Rabbit Showmanship** – Rosette, sponsored by Franklin County Waskley Wabbit Club

**Champion Intermediate Rabbit Showmanship** – Rosette, sponsored by Franklin County Waskley Wabbit Club

**Champion Senior Rabbit Showmanship** – Rosette, sponsored by Franklin County Waskley Wabbit Club

**Special Award will be given at the 4-H Awards Presentation:**

**Waskley Wabbit Herdsman Award** – Trophy, sponsored by Franklin County Waskley Wabbit Club

1. Exhibitor must be present during judging.
2. All rabbits entered must have been owned and in the possession of the 4-H member before May 1 of the current year.
3. All entries must be single rabbits or meat pens. Limit of two rabbits or meat pens entered per class, regardless of breed.
4. Each rabbit is to be legibly and permanently tattooed in its left ear for identification.
5. Rabbits entered as a meat pen class may not be entered in any other class.
6. All rabbits showing symptoms of disease will be removed from the barn.
7. There will be classes for both purebred and mixed breeds. Breeds must be marked on the entry or they will be shown as mixed breeds.
8. All entry tags shall be completely and legibly filled out for premium to be paid.

**270** Pre-Junior Doe – Only breeds listed below

**271** Junior Doe – Under 6 months

**272** Intermediate Doe – Only breeds listed below

**273** Senior Doe – Eight months of age and over for breeds having Intermediate classes; six months and over for all other breeds

**274** Pre-Junior Buck – Only breeds listed below

**275** Junior Buck – Under 6 months

**276** Intermediate Buck – Only breeds listed below



- 277** Senior Buck – Eight months of age and over for breeds having Intermediate classes, six months and over for all others
- 278** Meat Pen – 3 rabbits, all one recognized breed and variety (broken varieties must be same color). Minimum weight 3 ½ pounds each. Maximum weight 5 ½ pounds each, and not over 70 days of age. Will be judged on their meat qualities, condition, uniformity and fur.
- \* Note to advisors, agents and leaders: Class 278: Qualifying shows are held prior to the State Fair and meat pens that qualified will usually be too large and heavy by this show. Members may select a new, younger substitute meat pen of like quality to exhibit at the State Fair.

### **Definition of Classes:**

**Pre-Junior:** (under 3 months) classes only in the following breeds: Argente Braun, Beverenc, Blanc de Hotot, Californian, Champagne D'Argent, Checkered Giant, American Chinchilla, Giant Chinchilla, Cinnamon, Crème D'Argent, New Zealand, and Palomino

**Junior:** (under 6 months)

**Intermediate:** (6-8 months) classes only in the following breeds: American, Giant Angora, Argente Braun, Beverene, Blanc de Hotot, Californian, Champagne D'Argent, Checkered Giant, American Chinchilla, Giant Chinchilla, Cinnamon, Crème D'Argent, Flemish Giant, English Lop, French Lop, New Zealand, Palomino, Satin, and Silver Fox

**Senior:** 6 months of age or over for breeds other than those listed as having INTERMEDIATE classes, eight months of age or over for breeds having INTERMEDIATE classes

These classes will be judged on the standards approved by the AMERICAN RABBIT BREEDERS ASSOCIATION.

**Ribbon Awards:** Grand Champion and Reserve Grand Champion – Rosette

**Premium Awards:** Purple and Blue \$1.00 Red \$0.75 White \$0.50

### **Showmanship:**

**279** Beginner Class – Ages 7-8

**280** Junior Class – Ages 9-11

**281** Intermediate Class – Ages 12-14

**282** Senior Class – Ages 15-18

**No premium money paid on Showmanship Classes – Ribbons only**

## **DIVISION: CLOVERBUDS – NON-TRADITIONAL 4-H**

**Entry and Judging Time:** Wednesday, July 19, Noon – 1:00 p.m.

At Designated Times (contact the Ottawa Extension Office to sign-up)

**Release:** Saturday, July 22, 5:30 p.m. – 7:00 p.m.

For 5 and 6 year old youth who have been in the 4-H Cloverbud program. Cloverbud members can enter two items they have made this year. There will be a special table for all Cloverbud exhibits. All Cloverbud entries will receive a participation ribbon.

CONFERENCE JUDGING PRE-REGISTRATION FORM

RETURN BY WEDNESDAY, JUNE 28, 2017

One Exhibitor per Registration Form

4-H Member's Name \_\_\_\_\_

Phone # \_\_\_\_\_ Age as of Jan. 1, 2017 \_\_\_\_\_

Club \_\_\_\_\_

Anyone wishing to do conference judging in the following divisions must pre-register.  
List the number of exhibits per division(s).

Energy Management \_\_\_\_\_

Entomology \_\_\_\_\_

Forestry \_\_\_\_\_

Geology \_\_\_\_\_

Home Environment \_\_\_\_\_

Miscellaneous/Self-Determined \_\_\_\_\_

Shooting Sports \_\_\_\_\_

SpaceTech \_\_\_\_\_

Wildlife \_\_\_\_\_

Woodworking \_\_\_\_\_

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**DIVISION: 4-H CLOTHING**

**Superintendents:** Diana Kay, Michelle Roberts, Brooke Stamm,  
Sandy Vrbas, Jessica Stalford and Linda Normile

**Judging Time (Pre-Fair):** Tuesday, July 11, from 10:00 a.m. - 11:30 a.m., Construction and Buymanship,  
Westminster Presbyterian Church

**Entry Time (At Fair):** Wednesday, July 19, 10:00 a.m. - Noon

**Release Time:** Saturday, July 22, 5:30 p.m. - 7:00 p.m.

**Special Awards will be given at the 4-H Awards Presentation:**

**Champion Beginner Clothing Construction** – Rosette, sponsored by Phyllis Schamle Memorial

**\* Beginner Clothing Construction Positivity Award** – Trophy, sponsored by  
Ryan & Audra McCurdy Family

**Champion Junior Clothing Construction** – \$10.00, sponsored by Earl and Maridee Devore

**\* Junior Clothing Construction Positivity Award** – Trophy, sponsored by Ryan & Audra McCurdy Family

**Champion Intermediate Clothing Construction** – \$10.00, sponsored by Merritta Combs

**\* Intermediate Clothing Construction Positivity Award** – Rosette, In Memory of Anne Burnett,  
Given by Angelle Higbie

**Champion Senior Clothing Construction** – \$10.00, sponsored by Earl & Maridee Devore

**\* Senior Clothing Construction Positivity Award** – Trophy, In Memory of Anne Burnett,  
Given by Angelle Higbie

**Champion Female Beginner Buymanship** – Rosette, sponsored by the Brad Shoemaker Family

**Champion Male Beginner Buymanship** – Rosette, sponsored by the Brad Shoemaker Family

**Champion Female Junior Buymanship** – Rosette, sponsored by the Brad Shoemaker Family

**Champion Male Junior Buymanship** – Rosette, sponsored by the Brad Shoemaker Family

**Champion Female Intermediate Buymanship** – Rosette, sponsored by the Brad Shoemaker Family

**Champion Male Intermediate Buymanship** – Rosette, sponsored by the Brad Shoemaker Family

**Champion Female Senior Buymanship** – Rosette, sponsored by the Brad Shoemaker Family

**Champion Male Senior Buymanship** – Rosette, sponsored by the Brad Shoemaker Family

**Overall Clothing Exhibitor** – Plaque, sponsored by Franklin County Farm Bureau Women

**\* Criteria for these four awards includes enthusiasm and individuality in project (not necessary to be class champion).**

1. Any exhibitor removing exhibits prior to release time will forfeit all premium money.
2. Entries that do not comply with class rules will be dropped a ribbon placing.
3. All work exhibited must be the product of the 4-H member and done during the current 4-H year.
4. Articles, garments, outfits may have been used/worn but should be carefully laundered or cleaned before being exhibited. Items should be hung on swivel or wire hangers.
5. Labels: **LABEL EACH PIECE (Construction only)**
  - a. All garments must be labeled carefully
  - b. Must be type-written or written in ink on a 3" x 2 ½" piece of cloth, sewn to the neck, skirt back or belt band of garment
  - c. Must contain name, address, club, class and county
6. No care label will be required; however, the 4-H member should know how to care for the fabric/garment they purchased.
7. Members are allowed to compete in only the classes of the project in which they are enrolled and may make one entry per class.
8. Hang all garments, except straight stitched articles such as aprons, lingerie or lounging wear. Place on hanger with hook toward right shoulder. **Attach to hanger with safety pins and cover with plastic garment bag.**
9. For Construction Judging - Bring pattern guides and **Wardrobe Planning Packet**.
10. For Clothing Buymanship - 4-H members should bring their garment, one shoe and one sock; and **Wardrobe Planning Packet** to be judged.
11. The exhibitor is encouraged to attach an index card or photo, no larger than 4" x 6" with the entry form to give the judge any information which the exhibitor thinks would be helpful for the judge to know.
12. 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.
13. 4-H member must exhibit their project at the fair to receive their ribbon and premium money.
14. There is no class at the State Fair for Clothing Buymanship other than the Fashion Revue.
15. A Champion and Reserve Champion will be chosen for clothing based on the top quality garments in each of the four categories in clothing construction.

16. A Champion and Reserve Champion will be chosen in Clothing Buymanship in each of the four categories for both boys and girls.

### **BEGINNER**

- 300 Simple tops and blouses
- 301 Simple bottoms (skirts, shorts, pants, slacks)
- 302 Other garment (dress or two-piece outfit)
- 303 Other articles (pillows, tote bags, etc.)
- 304 Clothing Buymanship – Female
- 305 Clothing Buymanship – Male
- 306 Recycled Clothing Project

### **JUNIOR**

- 307 Play or sport
- 308 Dress or jumper
- 309 Two-piece coordinated outfit (does not need to be a complete outfit)
- 310 Other garment
- 311 Clothing Buymanship – Female
- 312 Clothing Buymanship – Male
- 313 Recycled Clothing Project

#### **Beginner & Junior Awards**

**Ribbon Awards:** Champion, Reserve Champion, Purple, Blue, Red and White

**Premium Awards:** Purple and Blue \$1.00      Red \$0.75      White \$0.50

### **INTERMEDIATE**

- 314 Play or sport
- 315 Dress or dress up outfit
- 316 Two or three piece coordinated outfit (does not need to be a complete outfit)
- 317 Other garment
- 318 Clothing Buymanship – Female
- 319 Clothing Buymanship – Male
- 320 Recycled Clothing Project

### **SENIOR**

- 321 Play or sport
- 322 Party or formal dress
- 323 Garment of wool or wool-blend
- 324 Two or three piece outfit
- 325 Other garment
- 326 Garment for a child (under 10 years of age)
- 327 Clothing Buymanship – Female
- 328 Clothing Buymanship – Male
- 329 Recycled Clothing Project

#### **Intermediate and Senior Awards**

**Ribbon Awards:** Champion, Reserve Champion, Purple, Blue, Red and White

**Premium Awards:** Purple and Blue \$3.00      Red \$2.00      White \$1.00

## DIVISION: 4-H CROPS AND GARDEN

**Superintendents:** Chrystal Conner

**Entry Deadline:** Wednesday, July 19, 10:00 a.m. – Noon

**Judging Time:** Thursday, July 20, 9:00 a.m.

**Release Time:** Saturday, July 22, 5:30 p.m. – 7:00 p.m.

### **Special Awards will be given at the 4-H Awards Presentation:**

**Best Slicing Cucumber** – Rosette, sponsored by Fredricks Gardens, In Memory of Chester R. Fredricks

**Best Plate of Snap Green Beans** – Plaque & \$5.00, sponsored by Campbell & Campbell Farm

**Best Plate of Onions** – Trophy, sponsored by Franklin County Horticultural Growers Association

**Best Plate of Peppers** – Plaque & \$5.00, sponsored by Campbell & Campbell Farm

**Champion Potato** – Rosette, sponsored by Freone Hollinger

**Best Plate of Summer Fruit** – Plaque, sponsored by Franklin County Horticultural Growers Association

**Best Plate of Tomatoes** – Rosette, sponsored by Fredricks Gardens, In Memory of Chet M. Fredricks

**Best Watermelon** – Plaque & \$5.00, sponsored by Campbell & Campbell Farm

**Overall Garden Exhibitor** – Plaque, sponsored by Kansas State Bank

**Top 1st Year Garden Exhibitor** – Rosette, sponsored by Brent Satterlee

**Overall Crops Exhibitor** – Plaque, sponsored by Duane & Pam Olson

1. Exhibitors are allowed one entry per class.
2. Any exhibitor removing exhibits prior to release time shall forfeit all premium money.
3. Secure entry form to plate, bowl or container with string or tape. **Use a sturdy plate, bowl or container that will support the weight of the produce. Plates, bowls and/or containers will NOT be provided.**
4. **Crops placed in a one gallon jar must have a secure lid on the jar.**
5. A Champion and Reserve Champion will be selected in Crops, as well as Garden Vegetables.
6. 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>.

### **CROPS**

- 330 Wheat, one gallon
- 331 Oats, one gallon
- 332 Soybeans, one gallon; name variety
- 333 Brome grass seed, one gallon
- 334 Other tame grass seed, one gallon
- 335 Brome Hay, 6" slice
- 336 Alfalfa Hay, 6" slice
- 337 Yellow Corn, 10 ears
- 338 White Corn, 10 ears
- 339 Grain Sorghum, 10 heads
- 340 Hybrid Forage Sorghum, 5 stalks; name Hybrid (exhibit to consist of the whole plant - no roots)
- 341 Other Forage Sorghum, 5 stalks; name variety (exhibit to consist of the whole plant - no roots)
- 342 Soybeans, 5 stalks; name variety
- 343 Forage Corn, 5 stalks (exhibit to consist of the whole plant – no roots)
- 344 Popcorn, 10 ears

## GARDEN VEGETABLES

- 345 Plate of 5 Standard Tomatoes
- 346 Plate of 5 Cherry or Ornamental Tomatoes
- 347 Plate of 5 Green Onions
- 348 Plate of 5 White Onions
- 349 Plate of 5 Yellow Onions
- 350 Plate of 5 Red Onions
- 351 Plate of 5 Table Beets
- 352 Plate of 5 Carrots
- 353 Plate of 5 Bell Peppers
- 354 Plate of 5 Other Peppers
- 355 Plate of 5 Okra
- 356 Plate of 5 Turnips
- 357 Plate of 5 Parsnips
- 358 Plate of 5 Miniature Pumpkins
- 359 Plate of 5 Decorative Gourds
- 360 Plate of 5 Red Potatoes
- 361 Plate of 5 White Potatoes
- 362 Plate of 5 Sweet Potatoes
- 363 Plate of 5 Cucumbers
- 364 Plate of 5 Ears of Sweet Corn
- 365 Plate of 5 Kohlrabi
- 366 Plate of 5 Other Medium Vegetables
- 367 Plate of 12 Snap Green Beans
- 368 Plate of 12 Yellow Wax Beans
- 369 Plate of 12 Radishes
- 370 1 Large Type Pumpkin
- 371 1 Summer Squash
- 372 1 Winter Squash
- 373 1 Cantaloupe
- 374 1 Eggplant
- 375 1 Head Cabbage
- 376 1 Head Broccoli
- 377 1 Head Cauliflower
- 378 1 Other Large Vegetable
- 379 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 easily be moved by the fair staff.**

Exhibit consists of 5 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 number of 5 types of vegetables or fruits to be exhibited is as follows:

**Large Vegetables (one each):** Cabbage, Cantaloupe, Eggplant, Large Pumpkin, Squash or Watermelon

**Medium Vegetables (five each):** Beets, Carrots, Cucumbers, Decorative Gourds, Potatoes, Miniature Pumpkins, Okra, Onions, Peppers, Sweet Potatoes, Tomatoes or other similar sized vegetables

**Small Vegetables (twelve each):** Snap Green Beans, Wax Beans, English Peas, Radishes, or other similar sized vegetables

**Small Fruits (one half pint box):** Strawberries, Blackberries, Raspberries, or other similar sized fruits

**Tree Fruits (five each):** Apples, Pears, Peaches, or similar sized fruits

**Grapes (two bunches)**

**380** Fresh Culinary Herbs (6): i.e. Parsley, Basil, Dill, etc. Six stems (or a comparable quantity) on one variety of fresh herbs must be exhibited in a disposable container of water. Dried herbs are not accepted.

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

**382** Tree Fruits (plate of 5) Apples, Pears, Peaches, or similar sized fruits

**383** Grapes (2 bunches)

**384** 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. Exhibitor is 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 based on the following criteria: 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%.

**Ribbon Awards:** Champion, Reserve Champion, Purple, Blue, Red and White

**Premium Awards:** Purple and Blue \$1.00 Red \$0.75 White \$0.50

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## **DIVISION: 4-H ENERGY MANAGEMENT**

**Superintendent:** Gary Ross

**Conference Judging Pre-Registration Form Due:** Wednesday, June 28

**Entry Time:** Wednesday, July 19, 10:00 a.m. – Noon

**Conference Judging Time:** Thursday, July 20, Starting at 1:00 p.m. at Designated Times (schedule is listed on the Frontier District's Website and posted in Celebration Hall)

**Release Time:** Saturday, July 22, 5:30 p.m. – 7:00 p.m.

**Special Awards will be given at the 4-H Awards Presentation:**

**Overall Electricity Exhibitor** – Plaque, sponsored by Franklin County Farm Bureau Association

**Top 1<sup>st</sup> Year Electricity Exhibitor** – Plaque, In Memory of Jerry Hobbs

1. An exhibitor may enter up to two articles in this division, but only one article per class.
2. Articles that have been in use should be cleaned for exhibit.
3. A sheet of operating instructions must be furnished for any exhibit that is not self-explanatory.

4. Projects (classes 390, 391 and 392) must be operable using only 110 or 120V AC or battery power. If battery power is required, batteries must be furnished.
5. Any project with a complexity of size or electronics must have (a) instructions for assembly and use and (b) equipment available at the time of judging for actual testing of the exhibit.
6. No hand dipped solder may be used on exhibits.
7. Each exhibit must have a scorecard completed and attached securely. This scorecard is available from the Extension Office.
8. A Champion and Reserve Champion will be chosen for Energy Management.

## **ELECTRICAL AND ELECTRONICS**

- 390** AC Electric Projects - AC Electric Projects with 110 or 120 V 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 restoration or original construction. The project must be operational and meet minimum safety standards. AC projects must be 110/120 V, no 240V exhibits are allowed, and must be constructed such that the judges have wiring access to examine the quality and safety of workmanship.
- 391** DC Electric Projects - DC 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 the following: 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 the 4-H member. Projects must be constructed such that the judges have access to examine the quality of wiring workmanship.
- 392** 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 workmanship.
- 393** 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 electronics project. The display or exhibit should illustrate one basic idea. This class includes educational displays and 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 four feet, using a maximum tri-fold size of 3' x 4'.

## **SMALL ENGINES**

1. All exhibits should involve engines smaller than 20 horsepower for classes 394-396.
  2. Displays are limited to 4' wide and 4' deep – both upright and floor displays at the State Fair.
- 394** 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.
  2. A display identifying and explaining the function(s) of different special tools needed for small engine work.
  3. A display illustrating and providing the results of any one of experiments that are included in the project books. No complete engines, lawn tractor, tillers, chainsaws are permitted for display. Maximum tri-fold size is 3' x 4'.



- 395** Maintenance – Exhibit a display that illustrates either
1. Routine maintenance procedures
  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'.
- 396** 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. Maximum tri-fold size of 3' x 4'. Engine should contain no fuel in tank or carburetor.

**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.

- 397** 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.
- 398** Experiment – Display an experiment addressing a problem or question related to power generated from a renewable energy source. Include hypothesis, background research, variable, a control, data, findings, conclusions and recommendations for future study.

**Ribbon Awards:** Champion, Reserve Champion, Purple, Blue, Red and White

**Premium Awards:** Purple and Blue \$1.00   Red \$0.75   White \$0.50

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## **DIVISION: 4-H ENTOMOLOGY**

**Superintendent:** Ryan McCurdy

**Conference Judging Pre-Registration Form Due:** Wednesday, June 28

**Entry Time:** Wednesday, July 19, 10:00 a.m. – Noon

**Conference Judging Time:** Thursday, July 20, Starting at 1:00 p.m. at Designated Times (schedule is listed on the Frontier District's Website and posted in Celebration Hall)

**Release Time:** Saturday, July 22, 5:30 p.m. – 7:00 p.m.

**Special Awards will be given at the 4-H Awards Presentation:**

**Overall Entomology Exhibitor** – Plaque, sponsored by Franklin County Farm Bureau Association

**Overall Entomology Exhibitor, 2nd** – Rosette, sponsored by Dave's Pest Control

**Top 1<sup>st</sup> Year Entomology Exhibitor** – Plaque, sponsored by Dave's Pest Control

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. An Introductory Entomology Collection Class exhibit is encouraged for county fairs (first year members only), but these may not be exhibits at the State Fair. See class descriptions within categories for requirements.

We are transitioning from the taxonomy as listed in the "Insects in Kansas" book to the taxonomy listed on the "Insects in Kansas Book: 2016 Revised Taxonomy" which follows [www.bugguide.net](http://www.bugguide.net).

Resources for exhibiting can be found on the State Kansas 4-H Website:

<http://www.kansas4-h.org/projects/agriculture-and-natural-resources/entomology.html>.

## 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. Boxes can be handmade or purchased as long as they are of the correct size and do not have a glass top. Please visit <http://www.kansas4-h.org/projects/agriculture-and-natural-resources/entomology.html> for box instructions and plans.
2. During the transition, Orders and Family names should follow the taxonomy either
  - 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](http://www.bugguide.net). Project members are encouraged to progress towards options b by 2019 or as revised "Insects in Kansas" book available.
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:
  - a. "Insects in Kansas"
  - b. "Insects in Kansas Book: 2016 Revised Taxonomy" which follows [www.bugguide.net](http://www.bugguide.net).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 label. Only adult specimens can be used in collection boxes; however, one female and one male of a species correctly identified can be displayed.
5. Arrangement of specimens: The preferred method is to arrange the insects in groups or rows parallel to the short sides of the box. Arrangements that run lengthwise of the box are frequently downgraded in judging. Specimens are to be arranged by Order in the box, then family where required. The sequence arrangement of the Orders in the box will be left up to the member. It is suggested to put the Lepidoptera and Coleoptera in the center of the collection (for Intermediate and Advanced Classes to put these two orders in a box). Then work the other orders around them.
6. For each collection class, two labels will 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, state abbreviation and collector name on the second label are encouraged for 2016 and will be required in 2019. Collector's name on the date/locality label is optional.
7. The specimens should be collected by the exhibitor and should focus on Kansas insects. Insects may be collected from one county into bordering states and labeled accordingly. Other specimens from the United States may be included as long as they are properly labeled and placed in a separate section of the box labeled "Out of State Insects". These specimens will not be included in the county for judging/scoring. Emphasis in judging will be placed on the overall variety of insects represented in the collection, accuracy of identification, skill and technique acquired in mounting of specimens, and overall arrangement and appearance of the collection.
8. Only specimens of the class Insecta should be included. This means specimens from arachnids, such as spiders, millipedes, centipedes, ticks, mites, etc. will not be judged or included in overall specimen county.
9. Purchased insects are not to be exhibited in collections, but they may be used in educational displays.

10. Specimens of soft bodied insects such as aphids, lice, termites, etc. should be exhibited in alcohol filled vials; however, the use of alcohol filled vials should be limited to only those specimens that lose their shape when pinned, since the vials pose a significant hazard to the rest of the collection if they become loose in transit.
11. Points will be deducted from collections and notebooks if:
  - a. Non insects and out of state specimens are not in a designated 'display only' area.
  - b. Any specimens are immature.

**400** 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 a 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.**

**401** 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. A 4-H member 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.

**402** 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. A 4-H member 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.

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

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 you have studied. Attach paper to the front of one of the display boxes. Members can exhibit in this class a maximum of 3 years. A 4H'er may move up is they receive a purple ribbon.

**404** 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. A 4-H member 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. During the transition, Orders & Family names should follow the taxonomy either
  - 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](http://www.bugguide.net).

Project members are encouraged to progress towards option b by 2019 or as revised "Insects in Kansas" book is available.

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](http://www.bugguide.net)

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

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.

- 405** INTRODUCTION 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 compete at the Kansas State Fair. A 4-H member may exhibit in this class for a maximum of two years.

- 406** 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.
- 407** INTERMEDIATE ENTOMOLOGY NOTEBOOK - Display a minimum of 60 and a maximum of 100 species representing at least nine orders. Follow the general guidelines listed for Notebooks, including the Special Project. In addition, family identification is required for all insects in any two of the following six orders: (Only two will be counted for judging).
- a) "Insects in Kansas" book – Orthoptera, Hemiptera, Homoptera, Coleoptera, Hymenoptera, and/or Diptera or
  - b) "Insects in Kansas Book: 2016 Revised Taxonomy" which follows [www.bugguide.net](http://www.bugguide.net) – Odonata, Orthoptera, Hemiptera, Coleoptera, Hymenoptera, and/or Diptera.
- A 4-H member may exhibit in this class for a maximum of three years. A 4-H'er may move up if they receive a purple ribbon.
- 408** 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. A 4-H member may continue to exhibit in this class for an unrestricted number of years as long as they remain eligible for 4-H membership.

## **EDUCATIONAL DISPLAY 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. Arrange display in the box so the box can be displayed lengthwise.
  2. Each exhibitor is required to identify each box by placing two identification labels bearing exhibitor's name, county or district and the class in the box. One label goes in the upper left corner of the box (inside) and the other on the lower right corner of the box (outside). Information on numbers and kinds of insects is not needed for educational exhibits.
  3. Displays may consist of specialized groups of insects or their close relatives, or relate to any aspect of their behavior, biology or ecology.
  4. Displays should be presented in a clear, concise, and interesting manner.
  5. Displays should include only work performed during the current year.
  6. Title of the exhibit should be indicated inside the box.
  7. The purpose of the project is to learn more about the importance, life cycles, biology, ecology, diversity, etc. of insects and related arthropods. Subject matter can be as varied as the animals themselves.
  8. Creativity is encouraged!
- 409** BEGINNING EDUCATIONAL DISPLAY – 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. Follow the general rules listed for the Educational Displays.
- 410** INTERMEDIATE EDUCATIONAL DISPLAY – Class for individuals that are exhibiting in the Intermediate Collection or Intermediate Notebook Classes. If only exhibiting in this category, then ages 11-14. Follow the general rules listed for the Educational Displays.

- 411**    **ADVANCED EDUCATIONAL DISPLAY** – 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. Follow the general rules listed for the Educational displays.

**A Champion and Reserve Champion will be chosen for Entomology.**

**Ribbon Awards:** Champion, Reserve Champion, Purple, Blue, Red and White

**Premium Awards:** Purple or Blue \$1.00    Red \$0.75    White \$0.50

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## **DIVISION: 4-H FASHION REVUE**

**Superintendent:** Karla Face, Amy Livingston, Laura Boyd and Becky Stoneking

**Registration Deadline:** Wednesday, June 28

**Registration and Wardrobe Planning Packets are available online at [www.frontierdistrict.ksu.edu](http://www.frontierdistrict.ksu.edu) under 4-H Youth Development on the Franklin Events & Information Page**

**Judging Time (Pre-Fair):** Tuesday, July 11, 9:00 a.m. – Westminster Presbyterian Church

**Clover Revue (Pre-Fair):** Tuesday, July 11, 7:00 p.m. – Westminster Presbyterian Church

**Special Awards will be given at Clover Revue:**

**Champion Female Clothing Buymanship** – Plaque, In Memory of Betty Stark

**Champion Male Clothing Buymanship** – Plaque, In Memory of Eric Piotrowsky

**Champion Clothing Construction** – Plaque, sponsored by John & Rebecca McFarland

1. All 4-H members who participate in the Fashion Revue are expected to participate in the Clover Revue. Ribbons, judge's comments and special awards will be given to participants at the Clover Revue.
2. 4-H members may model one clothing construction garment and/or one clothing Buymanship garment.
3. Participant may model only what can be worn. Garments cannot be carried. Contestants should use good sense in choosing items that are appropriate to be modeled publicly.
4. A Champion and Reserve Champion will be selected from each level: Construction (male and female) and Buymanship (male and female).

### **Standards for the Exhibitor:**

1. To understand and demonstrate a wardrobe plan.
2. To understand how selected garment(s) and accessories enhance their personal/public presentation.
3. To understand the value of this garment/outfit and how it fits into the family's clothing budget.
4. To be able to describe how they have accepted personal responsibility in caring for their garment/outfit.
5. To visually demonstrate personal fitness and grooming and clothing/accessories comfort and safety.
6. To be able to describe how they cared for the garment/outfit and how it has proved to fit into their wardrobe plan.

**This contest is open to all 4-H members enrolled in 4-H Clothing.**

## **DIVISION: 4-H FIBER ARTS**

**Superintendent:** Michele Altendorf and Sarah Starrett

**Judging Time:** Tuesday, July 11, 10:00 a.m. - 11:30 a.m., Westminster Presbyterian Church

**FAIR – Entry Time:** Wednesday, July 19, 10:00 a.m. – Noon, Celebration Hall

### **Special Awards will be given at the 4-H Awards Presentation:**

**Champion Fiber Arts** – Pair of Gingher Scissors, sponsored by Ottawa Sunflower Piecemakers Quilt Guild, In Memory of Vera Anderson

**Reserve Champion Fiber Arts** – Pair of Gingher Scissors, sponsored by Ottawa Sunflower Piecemakers Quilt Guild, In Memory of Vera Anderson

**Top Quilted Piece** – \$15.00, sponsored by Chris' Corner Quilt Shop

**Top 1<sup>st</sup> Year Crochet Exhibitor** – Rosette, sponsored by Guy & Mae's

**Champion Needle Arts** – Plaque, In Memory of Anne Burnett, Given by Angelle Higbie

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, crocheting, knitting, needlepoint); or when existing fabric is changed into something quite different (such as quilting, 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.

### **Rules and Regulations specific to Fiber Arts projects:**

1. Identification Label:
  - a. Type or print on a 3" x 2 ½" piece of cloth: class number, county, and name.
  - b. Sew or safety pin this ID label on the corner of the article.
  - c. For garments, attach the ID label to the front left shoulder seam, or left side of the waistband, as if you were wearing the garment.
2. When articles which are normally worn as a pair are exhibited, both articles must be shown together. Fasten articles together securely with yarn.
3. Special consideration will be given to articles which are of original design. Such articles should have a note attached explaining the original design.
4. 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 all 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.
5. Exhibitors are expected to be enrolled in the Fiber Arts project in which they are entered. When the exhibit is a sewn garment that also includes one or more Fiber Art techniques (i.e. knitting, crocheting, needle arts, or patchwork and quilting), the determination of what division (Clothing or Fiber Arts) and class in which to enter will be left with the 4-H participant.
6. State Fair qualification - For Fiber Arts, 4-H member must be 9 years of age or older and have received a purple ribbon on their exhibit.
7. A Champion and Reserve Champion will be chosen for Fiber Arts.

**420** Crochet, an article including felted items (see rule #4)

**421** Knitting, an article made either by hand or by knitting machine including felted items (see rule #4)



- 422 Needle Arts – an article made by hand using any of the following techniques:  
a) Embroidery and cross-stitch  
b) Needlepoint  
c) Candle wicking  
d) Crewel  
e) Lacework  
f) Applique
- 423 Patchwork and Quilted article – It is acceptable for the 4-H member to create the patchwork quilt and have someone else quilt it.
- 424 Rug Making – acceptable techniques: braiding, latchhook, tying, floorcloth, etc.
- 425 Spinning – a skein – minimum 10 yards in length
- 426 Weaving – a woven article – attach information about type of loom or process used (see rule #4).
- 427 Ethnic Arts, an article: This is defined as Fiber Art 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 decoration. It is also defined as a method that has been maintained throughout history and passed on to others, often by observation and by example, such as batik, Swedish huck towel weaving, mud cloth, bobbin weaving, tatting, felted items that are not knitted or crocheted, etc. Members should attach information on the history of the ethnic fiber art, where it was used, by whom, how it was used, short description of the technique, etc. (see rule #4).
- 428 Macramé – an article
- 429 Miscellaneous – Must not “fit” in any other Fiber Arts class
- 430 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.

**Ribbon Awards:** Champion, Reserve Champion, Purple, Blue, Red and White

**Premium Awards:** Purple and Blue \$1.00   Red \$0.75   White \$0.50

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## **DIVISION: 4-H FLORICULTURE**

**Superintendent:** Dawn Rumford

**Entry Time:** Wednesday, July 19, 10:00 a.m. – Noon

**Judging Time:** Wednesday, July 19, 1:30 p.m.

**Release Time:** Saturday, July 22, 5:30 p.m.- 7:00 p.m.

**Special Awards will be given at the 4-H Awards Presentation:**

**Best Cockscomb** – Rosette, sponsored by Fredricks Gardens, In Memory of Genevieve Fredricks

**Best Dahlia** – Rosette, sponsored by Village Manor



**Best Gladiolus** – Rosette, sponsored by Freone Hollinger

**Best Lily** – Rosette, sponsored by Village Manor

**Best Rose** – Rosette, sponsored by Village Manor

**Best Specimen** – Rosette, sponsored by Guy & Mae's

**Best Arrangement** – Rosette, sponsored by Guy & Mae's

**Top 1<sup>st</sup> Year Flower Exhibitor** – Rosette, sponsored by Linda and Leonard Robbins

1. Any exhibitor removing exhibits prior to release time will forfeit all premium money.
2. Entries that do not comply with class rules will be dropped a ribbon placing.
3. All floral materials must be grown and/or collected by the exhibitor. Do not use purchased plant materials.
4. Potted plants are not accepted.
5. Exhibitor allowed one (1) entry per class for specimens.
6. Entries should not take over one square foot of table space.
7. It is recommended that flowers and arrangements be in disposable containers. Containers that are not claimed at check-out will be disposed of.
8. All entries must be freestanding, easily moved, and not require any special equipment to display. Hanging entries are not accepted.
9. A Champion and Reserve Champion will be selected in specimens and arrangements.
10. Information about exhibiting flowers can be found online in the publication "Preparing Cut Flowers for Exhibit", available at <http://www.bookstore.ksre.ksu.edu/pubs/4H826.pdf>.

## **SPECIMEN**

1. Signifies one (1) bloom, spike, or spray on good stem with its foliage.
2. Quality is judged – not the container, but should be proportionate.

- 440 Aster
- 441 Celosia, Plume
- 442 Cockscomb
- 443 Dahlia, 2" or less
- 444 Dahlia, 2" or more
- 445 Daisies
- 446 Gladiolus
- 447 Helianthus, (1) stem, any type
- 448 Hemerallis (any lily)
- 449 Marigold, dwarf (2" or less)
- 450 Marigold, large (2" or more)
- 451 Rose, miniature
- 452 Rose, tea
- 453 Zinnias, small (2" or less)
- 454 Zinnias, large (2" or more)
- 455 Annual (any not listed)
- 456 Perennial (any not listed)

## **COLLECTIONS (3 stems or spikes)**

- 457 Gladioli, mixed
- 458 Marigolds, dwarf (2" or less)

- 459 Marigolds, large (2" or more)
- 460 Petunias, any type
- 461 Zinnias, dwarf (2" or less)
- 462 Zinnias, large (2" or more)

## HOUSE PLANTS

- 463 Flowering House Plant
- 464 Non-Flowering House Plant

## ARRANGEMENTS

1. A 4-H member may enter up to 4 floral arrangements and one horticulture notebook.
  2. All floral materials must be grown and/or collected by the exhibitor, rather than purchased. Entries should not take over one square foot of table space.
  3. Potted plants are not accepted.
- 465 Fresh Flower Arrangement. Flower materials must be grown and/or collected by exhibitor, not purchased
  - 466 Dried Flower Arrangement. No fabric or plastic material allowed
  - 467 Horticulture Notebook. Entry shall consist of a notebook or three ring binder of written narrative describing a horticulture project such as a landscape design, landscape installation, lawn renovation, water garden, flower garden, vegetable garden, lawn mowing service, landscape maintenance business, farmer's market business, or other horticultural project. 4-H members are encouraged to include photographs, illustrations and/or landscape drawings that help explain work done by the member. Photos taken from the same location before, during and after the completion of the project are particularly helpful. Exhibitor may enter on one horticulture notebook. Horticulture notebook scoring is based on the following criteria: 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%.

**Ribbon Awards:** Champion, Reserve Champion, Purple, Blue, Red and White

**Premium Awards:** Purple or Blue \$1.00 Red \$0.50 White \$0.25

## DIVISION: 4-H FOOD PRESERVATION

**Superintendents:** Angie Sylvester, Kara West, Linda Thurston, Cindi Dryden,  
Kristie Stinebaugh, Melissa Hatfield and Karla Face

**Entry and Judging Time:** Monday, July 17, 9:00 a.m. – 1:00 p.m., Celebration Hall,  
At Designated Club Times (listed in the Fair Edition Newsletter)

**Special Award will be given at the 4-H Awards Presentation:**

**Champion Food Preservation** – \$5.00, In Memory of Louise Wray, sponsored by Jackie Stephens

1. Any exhibitor removing exhibits prior to release time will forfeit all premium money.

2. Entries that do not comply with class rules will be dropped a ribbon placing.
3. All exhibits must have been preserved since the member's previous year's county fair, and not have been exhibited at the previous State Fair.
4. Recommended recipes and processing methods must be used. Processing methods that will be disqualified include: open kettle canning, oven canning, and sun canning. Untested recipes will be disqualified for food safety reasons. Recommended recipe resources include:

- K-State Research and Extension Food Preservation publications
- USDA Complete Guide to Home Canning
- So Easy to Preserve, 6<sup>th</sup> Edition, The University of Georgia Cooperative Extension Service
- Ball Blue Book Guide to Preserving
- Ball Complete Book of Home Preserving
- All New Ball Book of Canning and Preserving
- Canning mixes (i.e. Mrs. Wage's, Ball)
- Pectic manufacturers (i.e. SureJell, Ball)
- <http://www.rrc.k-state.edu/preservation/recipes.html>

Refer to following K-State Research and Extension publication 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>

5. Alcohol is not allowed as an ingredient in food preservation entries. Entries with alcohol in the recipe will be disqualified and not judged.
6. Each exhibit must have the complete recipe and instructions attached with the entry card, or it will be lowered one ribbon placing. Recipe must include exhibitor name, recipe source, date of publication and altitude of residence.
7. Exhibits must be sealed in clean, clear standard canning jars, with matching brand (ex: use Ball lids on Ball jars, or Kerr lids on Kerr jars, etc.) two piece lids. **Do not use colored jars.** Do not add fancy padded lids, fabric over wraps 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:
8. There are 12-ounce and 24-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 jars.
9. Each jar exhibited must be labeled. The label must not cover the brand name of jar. The label must give: Class Number, Product, Altitude of Residence, Canning Method (water bath, weighted gauge or dial gauge pressure method), Process Time, Pressure (psi), and date processed including month, year and Name and County/District. Label templates may be found at: [http://www.kansas4-h.org/events-activities/fairs/Kansas-state-fair/docs/food-preservation/Food\\_Pres\\_Label\\_Small\\_1x2.58pdf](http://www.kansas4-h.org/events-activities/fairs/Kansas-state-fair/docs/food-preservation/Food_Pres_Label_Small_1x2.58pdf) or

[http://www.kansas4-h.org/events-activities/fairs/kansas-state-fair/docs/food-preservation/Food\\_Pres\\_Label\\_Large\\_2x4.pdf](http://www.kansas4-h.org/events-activities/fairs/kansas-state-fair/docs/food-preservation/Food_Pres_Label_Large_2x4.pdf).

10. Each 4-H member may enter up to two exhibits but only one entry per class.
11. Dried Foods: One Small Jar.
12. Attach the entry tag and recipe (hole punch) to the top of the jar using a rubber band.
13. A Champion and Reserve Champion will be selected from all entries in the division.

- 470 Sweet Spreads (Fruit and/or Vegetables), Syrups; one jar
- 471 Fruits, Juices, Fruit Mixtures (Salsa, Pie Filling, etc.); one jar
- 472 Low Acid Vegetables (green beans, corn, vegetable mixture or etc.); one jar
- 473 Pickles (Fruit or Vegetable), Fermented Foods, Relishes and Chutney; one jar
- 474 Tomato/Tomato Products, Tomato Juice and Tomato Salsas; one jar
- 475 Meats; one jar
- 476 Dried Foods

**Ribbon Awards:** Champion, Reserve Champion, Purple, Blue, Red and White

**Premium Awards:** Purple and Blue \$1.00   Red \$0.75   White \$0.50

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### DIVISION: 4-H FOODS AND NUTRITION

**Superintendents:** Angie Sylvester, Kara West, Linda Thurston, Cindi Dryden,  
Kristie Stinebaugh, Melissa Hatfield and Karla Face

**Entry and Judging Time:** Monday, July 17, 9:00 a.m. - 1:00 p.m., Celebration Hall,  
at Designated Club Times (listed in the Fair Edition Newsletter)

**Special Awards will be given at the 4-H Awards Presentation:**

**Overall Beginner Foods Exhibitor** – Rosette, sponsored by Nadia Thomas

**Overall Junior Foods Exhibitor** – Rosette, sponsored by Nadia Thomas

**Overall Intermediate Foods Exhibitor** – Rosette, sponsored by Nadia Thomas

**Overall Senior Foods Exhibitor** – Rosette, sponsored by Nadia Thomas

**Overall Foods Exhibitor** – Plaque, sponsored by Orscheln Farm & Home

**Best Yeast Product, Age 13 & under** – Cooking magazine of winner's choice, sponsored by Pat Campbell

**Best Loaf of Yeast Bread, Senior (75% Whole Grain, No Bread Machines)** – Cooking magazine of  
winner's choice, sponsored by Pat Campbell

**Champion Wheat Product** – USA Pan 1 Pound Loaf Pan, sponsored by The Kansas Wheat Commission

1. Entries must be made from scratch. No mixes are allowed in any products.
2. For food safety purposes, any food with custard and dairy-based fillings and frostings (ex. Cream cheese) raw eggs, flavored oils, "canned" bread or cakes in a jar, cut fresh fruit or any food requiring refrigeration (ex. Bacon) 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.
3. Alcohol (ex: wine, beer and hard liquor) is not allowed as an ingredient in food entries. Entries with alcohol in the recipe will be disqualified and not be judged.

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. Under baked entries will be lowered one or more ribbon placings.
6. Entries that do not comply with class rules will be dropped a ribbon placing.
7. Any exhibitor removing exhibits prior to release time will forfeit all premium money.
8. A 4-H member may enter a maximum of two baked products and one educational display, or Food Gift Package item in each Level of Foods in which they are enrolled. Only one entry per class is allowed.
9. Recipes are required for all food product exhibits.
10. For this division, quick breads do not contain yeast.
11. 4-H members are encouraged to use whole grain flours, fruits, nuts, etc.
12. All entries must be removed from the pan with the exception of a fruit pie. Each entry must be placed on paper plate and in a clear plastic food grade bag. Entries too large to place on a paper plate must be placed on a piece of cardboard (covered with foil) and covered with plastic wrap. Only the exhibit is judged. The container is not judged.
13. All unfrosted cakes should be exhibited in an upright position with top crust showing, except for those cakes made with special designs such as Bundt cakes. They should have the top crust side down.
14. **Modified non-perishable food product.** Product must be modified from original recipe to nutritionally enhance the food product. Attach one – 8 ½ X 11 inch page (front and back) that includes Original Recipe, Modified Recipe, and Narrative to describe modifications made, why modifications were made and lessons learned such as nutritive value, or changes in appearance, doneness, aroma, flavor, tenderness and/or texture. Example: a standard blueberry muffin recipe that is modified to make it gluten free. Suggested resources:  
Altering Recipes for Better Health Purdue University:  
<http://www.extension.purdue.edu/extmedia/cfs/cfs-157-w.pdf>.  
Altering Recipes for Good Health Texas A&M University:  
<http://fcs.tamu.edu/files/2015/02/altering-recipes-for-good-health.pdf>.
15. A food gift package must contain at least 3 different items, (**prepared for human consumption**) made by the 4-H member, in a suitable container no larger than 18" x 18" x 18". Prepared food items must have recipes attached with entry. Additional homemade food items beyond the 3 minimum or purchased items may also be included in the gift basket. **No alcoholic beverages will be accepted.** Food products will not be opened or tasted. It is recommended for packaging to allow all or part of the product to be seen; for example, if displayed in a paper or fabric bag, cut a view hole and place product in a plastic bag inside the paper or fabric bag. This entry will count as a non-perishable food product, not as an educational exhibit. Home canned foods must follow Food Preservation rules. Canning jars should not be used for baking per manufacturer's instructions. They could break during baking. On the back of the entry form, answer the following questions:
  - a. What is the intended use?
  - b. What food safety precautions were taken during and after preparation?
16. Educational classes: Exhibits may be in the form of a poster, notebook or display. Follow copyright laws as explained in the General Rules as you are preparing your exhibit. Take care to select materials that will withstand Fair conditions. No card table displays are allowed. If the exhibit is a poster, it must not be larger than 22" x 28". If the exhibit is a display; maximum size is a 3' x 4' tri-fold display board. Name and county or district must be clearly marked on educational exhibits. The educational exhibit evaluation form will be provided at judging time. **NOTE:** A collection of your favorite recipes in a recipe box or notebook does not constitute an educational exhibit.
17. A Champion and Reserve Champion will be selected from each of the four Food and Nutrition categories, as well as the Food Gift Package Class.

## **BEGINNER**

- 480** Cereal Mix
- 481** Muffins (3)
- 482** No-Bake Cookies (3)
- 483** Drop or Bar Cookies (3)
- 484** Other Non-Perishable Snack (for human consumption only)
- 485** Modified Non-Perishable Food Product (see Rule 15 for information)
- 486** Educational Exhibit or Food Gift Package

## **JUNIOR**

- 487** Quick Bread
- 488** Biscuits or Scones (3)
- 489** Muffins (3)
- 490** Drop Cookies (3)
- 491** Bar Cookies (3)
- 492** Modified Non-Perishable Food Product (see Rule 15 for information)
- 493** Educational Exhibit or Food Gift Package

## **INTERMEDIATE**

- 494** Quick Bread
- 495** Muffins (3)
- 496** Yeast Rolls or Bread Sticks (3)
- 497** Cinnamon Rolls or other Sweet Rolls (3)
- 498** Loaf of Yeast Bread
- 499** Rolled, Pressed or Refrigerated Cookies (3)
- 500** Modified Non-Perishable Food Product (see Rule 15 for information)
- 501** Educational Exhibit or Food Gift Package

## **SENIOR**

- 502** Angel Food, Sponge or Chiffon Cake
- 503** Layer Cake or Bundt Cake
- 504** Specialty Yeast Breads (Ethnic Breads or Shaped Breads with fruit and/or nut filling)
- 505** Loaf of Yeast Bread
- 506** Fruit Pie or Tart
- 507** Modified Non-Perishable Food Product (see Rule 15 for information)
- 508** Educational Exhibit or Food Gift Package

**Ribbon Awards:** Champion, Reserve Champion, Purple, Blue, Red and White

**Premium Awards:** Purple and Blue \$1.00   Red \$0.75   White \$0.50

## **DIVISION: 4-H FORESTRY**

**Superintendent:** Ryan McCurdy

**Conference Judging Pre-Registration Form Due:** Wednesday, June 28

**Entry Time:** Wednesday, July 19, 10:00 a.m. – Noon

**Conference Judging Time:** Thursday, July 20, Starting at 1:00 p.m. at Designated Times (schedule is listed on the Frontier District's Website and posted in Celebration Hall)

**Release Time:** Saturday, July 22, 5:30 p.m. – 7:00 p.m.

**Special Awards will be given at the 4-H Awards Presentation:**

**Champion Forestry – Rosette, In Memory of Dusty Reichard**

**Top 1<sup>st</sup> Year Forestry Exhibitor – Rosette, In Memory of Dusty Reichard**

1. All leaf exhibits (except Class 526) must be mounted on 8 ½" x 11" heavy stock paper and placed in loose leaf binders (magnetic or adhesive filler sheets for photographic prints are recommended). Twigs and fruit collections may be exhibited in whatever manner you choose (maximum exhibit size 2' x 3').
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 4H 334. "List of Native Kansas Forest Trees"; (2) location (city and/or county) where collected; and (3) date (day, month, year) collected. Be consistent with the location of the labels in your notebook (consider the lower right-hand corner).
4. Intermediate Forester – exhibit only in phase(s) enrolled.
5. Senior Forester enrolled in Self Determined can exhibit in Self Determined Forestry at the State Fair.
6. Divide specimens into the following two sections: Native Kansas Trees and Non Native Trees.
7. New specimens are those specimens collected during the current 4-H year and cannot be a duplicate tree species of previously displayed specimens.
8. Group specimens according to the years collected (ex: "old-previous years" and "new").
9. Variations of varieties do not count as different species or specimens.
10. When replacing previously display samples, due to degradation, improper mounting or incorrect identification, the specimen label must also be updated. Replacements do not count as new specimens. Replacements should be displayed in the "old previous" section of the display.
11. If you retrieve information for your forestry exhibit, you must include a reference citation to the source.
12. In all leaf collections (Division A – Intermediate Forester), 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.
13. All work must show originality. Leaf collections and displays should not closely resemble work done by others in the same club.
14. Conference judging will be offered. Sign up at time of entry. (Optional)
15. Exhibits will be displayed on tables in Celebration Hall.
16. A Champion and Reserve Champion will be selected in Forestry.

**KNOWING TREES AS INDIVIDUALS (LEAF COLLECTIONS\*\*)**

**510 Beginning (Choose either A or B)**

- 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 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.

**511 Intermediate (Choose either A or B)**

- A. Exhibit a minimum of 20 different leaves (Includes at least 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.

**512 Senior (Choose either A or B)**

- 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.

**513 Advanced (Choose either A or B)**

- 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.

**\*\*Exhibit one complete leaf where possible. If leaf is too large, exhibit as much of the terminal portions as possible. Sketch in reduced scale, the entire leaf and illustrate where the exhibited portion comes from.**

## **HOW A TREE GROWS**

- 514** 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 exhibits an illustration of how a tree grows.

## **TREE APPRECIATION**

- 515** Display: 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, drawings, pictures, a story, or any other things which will help tell about the tree you have selected.

## **GROWING AND PROTECTING TREES**

- 516** Display: Entry requires project notebook telling about project and pictures before, during, and after planting seedlings. Maximum tri-fold size is 3' x 4'.

## **TREE CULTURE**

- 517** Display: Entry requires 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**

- 518** Display: Entry may include collected wood samples (all or partial) and 500 word essay. Wood sample display to be mounted on poster board or any stiff material no larger than 3' x 4' tri-fold. Essay should be displayed in a covered binder.

## **EDUCATIONAL / CREATIVE EXHIBIT**

- 519** Display: Entry must be directly related to tree identification or Forestry. Type of exhibit is open (notebook, poster, collection box, etc.) given a maximum tri-fold size of 3' x 4'. Care should be taken to use durable materials which shall withstand fair conditions. This is a good class to exhibit an unusual collection.

**Ribbon Awards:** Champion, Reserve Champion, Purple, Blue, Red and White

**Premium Awards:** Purple or Blue \$1.00 Red \$0.75 White \$0.50

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## **DIVISION: 4-H GEOLOGY**

**Superintendent:** Ryan McCurdy

**Conference Judging Pre-Registration Form Due:** Wednesday, June 28

**Entry Time:** Wednesday, July 19, 10:00 a.m. – Noon

**Conference Judging Time:** Thursday, July 20, Starting at 1:00 p.m. at Designated Time (schedule is listed on the Frontier District's Website and posted in Celebration Hall)

**Release Time:** Saturday, July 22, 5:30 p.m. – 7:00 p.m.

**Special Awards will be given at the 4-H Awards Presentation:**

**Overall Geology Exhibitor** – Trophy, sponsored by Killough Construction

**Reserve Champion Geology** – Plaque, In Memory of Dusty Reichard

**Top 1<sup>st</sup> Year Geology Exhibitor** – Plaque, sponsored by Killough Construction

1. Consultation judging with the judge is optional.
2. Exhibit box should be 18 x 24 x 3 ½ inches. Plexiglass covers are required. Boxes with glass covers WILL NOT be accepted. All specimens are to be arranged across the narrow (18 inch) dimension of the exhibit box, making the exhibit 18 inches across the top and 24 inches deep exactly. If a box has a sliding plexiglass 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 527-531 only, the dimensions of the box should be appropriate for the display, but should not exceed 18" x 24" x 3 1/2 ".
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 Plexiglass cover (inside-use clear double-sided tape to adhere gummed labels), and by attaching a label with the same information on the lower right corner of the box (outside).
4. Exhibitor may enter in both Geology and Lapidary classes. Exhibitors may show in only one of the first four geology classes (521-524). Exhibitor may also show in geology class 525 (special exhibit), 526 Mineralogy and in one Lapidary class.
5. Geology specimens should be labeled with the number of the specimen, date collected, specimen name or description, and locality (county only) where collected.

6. For the Geology Classes 521, 522, 523 & 524, 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 Morriell Limestone Member, not just pHylum: Brachiopoda Class; Articulata Genus; Composita).
7. For Geology Classes 521, 522, 523, 524 & 526, all specimens must be collected (not purchased) from locations in Kansas, with the exception of Tri-State Mining Area specimens collected from the following 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. Exhibitors may have a consultation review with the judge after the judging is completed.
9. In order to be eligible for the State Fair, an exhibitor must be 9 years old (4-H age) and have received a purple ribbon on their exhibit at the county fair. The exhibit must qualify in Class 521 to be eligible for the State Fair.
10. A Champion and Reserve Champion will be selected for Geology.

- 520 Cigar Box Geology:** For Beginners: 4-H member 7-9 years old or beginners of any age may exhibit in this phase for only 2 yrs. Display in 2 cigar boxes or boxes of similar size (12 x 8 x 2 inches). They need to be covered with a clear plastic. Lids need to be removed. At least 10 specimens must be exhibited. No more than 15 may be in the collection. Rocks and minerals must be identified with the specimens name and fossils must be identified to the phylum level.  
**This class is not eligible for State Fair**
- 521 Geology:** Display at least 15 different rocks, minerals, and fossils collected during the current 4-H year. Exhibitor is limited to one exhibit box. Only those exhibiting at the County or State Fair for the first time may enter this class.
- 522 Geology:** Display at least 30 different rocks, minerals, or fossils, at least 5 of each. Fifteen must be collected during the current 4-H year. Exhibit is limited to one exhibit box. This class is open to those exhibiting either first or second time at the County or State Fair.
- 523 Geology:** Display at least 45 rocks, minerals, or fossils, at least 5 of each. Fifteen must be collected during the current 4-H year. Exhibit limited to two boxes. This class is open to those exhibiting either the third or fourth time at the County or State Fair. Identify the rocks as igneous, metamorphic or sedimentary. These rock types must be spelled out on labels or have a legible key.
- 524 Geology:** Display at least 60 different rocks, minerals, or fossils, at least 5 of each. Fifteen must be collected during the current year. Exhibit limited to two boxes. This class is open to those exhibiting the fifth time or more at the County or State Fair. Identify the rocks as igneous, metamorphic or sedimentary. These rock types must be spelled out on labels or have a legible key.
- 525 Geology Educational Exhibit:** 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 accepted. Please make arrangements for the judge to view your exhibit and have a hard copy for display. Exhibit limited to 4 feet of table space. Care should be taken to use durable materials that will withstand Fair conditions. Exhibits in this class must be pre-entered. Exhibitor may show in the class regardless of

the number of times he/she has entered at the County or State Fair or whether exhibitor has entries in classes 521, 522, 523 or 524. Exhibitor may also exhibit in lapidary class.

- 526 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 (i.e. Carbonates, Oxides, Silicates) and at least 3 classes must be represented. The member must use one standard display box (see #2). The specimens must be labeled with the number of the specimen, date collected, name of specimen, county where collected and chemical composition (i.e. CaCO<sub>3</sub> for calcite), if known.

## **LAPIDARY**

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 (Treatment completed after the State Fair is considered a new year specimen).

- 527 Lapidary:** 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. Only those exhibiting lapidary at the State Fair for the first time may exhibit in this class.

- 528 Lapidary:** Display before-and-after examples of at least 3 varieties of specimens, at least 2 tumble-polished and 2 unpolished of each. There is no requirement that the 4-H member collect any of these. Locales must be identified. Lapidary work should be done during the current 4-H year.

- 529 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 member, 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.

- 530 Lapidary:** Display before-and-after examples of at least 9 varieties of specimens, at least 2 tumble-polished and 2 unpolished of each. At least three varieties should be collected from the native site by the 4-H member, at least two of which comes from Kansas. Locales must be identified. Lapidary work on at least three varieties should be done during the current 4-H year.

- 531 Lapidary:** Exhibit at least 6 specimens that have not previously been exhibited, which have received lapidary treatment. Lapidary treatment may 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 531. Please note that each member is limited to one entry in this class.

**Ribbon Award:** Champion, Reserve Champion, Purple, Blue, Red and White

**Premium Awards:** Purple and Blue \$1.00   Red \$0.75   White \$0.50

## **DIVISION: 4-H HOME ENVIRONMENT**

**Superintendent:** Cheryl Conner

**Conference Judging Pre-Registration Form Due:** Wednesday, June 28

**Entry Time:** Wednesday, July 19, 10:00 a.m. – Noon

**Conference Judging Time:** Thursday, July 20, Starting at 1:00 p.m. at Designated Times (schedule is listed on the Frontier District's Website and posted in Celebration Hall)

**Release Time:** Saturday, July 22, 5:30 p.m. – 7:00 p.m.

1. Any exhibitor removing exhibits prior to release time will forfeit all premium money.
2. Entries that do not comply with class rules will be dropped one ribbon placing.
3. A member may enter one exhibit in the division.
4. Entries will be entered and judged in the Miscellaneous Division.
5. A Champion and Reserve Champion will selected for Home Environment.

**535 Single Exhibit:** An article made or refinished by the 4-H member for the home. Attach a 3" x 5" index card explaining how the item was made or refinished, costs involved and how it fits into the color and design of the room.

**536 Educational Poster or Display:** Posters must be no larger than 22" x 28" poster board. Displays are not to exceed a standard commercial 3' x 4' tri-fold display board.

**537 Notebook**

Educational poster or display or notebooks may include swatches, colors, stories, photographs, and project records which detail what was accomplished this year with a given indication of long-term plans.

**Ribbon Awards:** Champion, Reserve Champion, Purple, Blue, Red and White

**Premium Awards:** Purple or Blue \$1.00   Red \$0.75   White \$0.50

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## **DIVISION: 4-H MISCELLANEOUS / SELF-DETERMINED**

**Superintendent:** Cheryl Conner

**Conference Judging Pre-Registration Form Due:** Wednesday, June 28

**Entry Time:** Wednesday, July 19, 10:00 a.m. – Noon

**Conference Judging Time:** Thursday, July 20, Starting at 1:00 p.m. at Designated Times (schedule is listed on the Frontier District's Website and posted in Celebration Hall)

**Release Time:** Saturday, July 22, 5:30 p.m. – 7:00 p.m.

**Special Awards will be given at the 4-H Awards Presentation:**

**Overall Self-Determined Exhibitor** – Rosette, sponsored by Linda Thurston

1. All 4-H exhibits, not otherwise classified, will be allowed to show under this division. This does NOT include live animals.
2. Each 4-H member will be limited to two entries in Miscellaneous Division.
3. 4-H members may exhibit items or visuals pertaining to the project in which they are enrolled.

4. Exhibitors should avoid using copyrighted and/or trademarked materials whenever possible by originating his/her own work. Copyrighted and/or trademarked materials used in displays, posters or other activities for endorsement or promotion, instead of educational purposes, will be lowered a ribbon placing.
5. A Champion and Reserve Champion will be selected for Miscellaneous/Self-Determined.

**540** Notebooks

**541** Posters

**542** Other types of exhibits (members must register table top exhibits with the Extension Office by Monday of fair week so space can be reserved. Exhibits should be no larger than 18" x 18").

## **SELF-DETERMINED**

1. Self-Determined is a sub-division of Miscellaneous. If a 4-H member is enrolled in the Self-Determined project, they can enter in this division.
2. A 4-H member may enter two exhibits under the Miscellaneous Division and one under the Self-Determined Division.

**543** Self-Determined

**Ribbon Awards:** Champion, Reserve Champion, Purple, Blue, Red and White

**Premium Awards:** Purple and Blue \$0.75 Red \$0.50 White \$0.25

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## **DIVISION: MR. and MISS 4-H**

**Superintendent:** Janae McNally

**Application and Essays Due:** Wednesday, June 28

**Interview & Judging Time:** Tuesday, July 11, 10:00 a.m., Westminster Presbyterian Church

**Announcement of this year's Mr. and Miss 4-H:** Tuesday, July 11, 7:00 p.m., Westminster Presbyterian Church

**Special Awards will be given at the Clover Revue:**

**Miss 4-H** – Plaque, sponsored by Cottonwood Animal Hospital

**Mr. 4-H** – Plaque, sponsored by Cottonwood Animal Hospital

## **MR. AND MISS 4-H APPLICATION**

The following information will need to be included in the Mr. or Miss 4-H application.

- \* Name, Address, 4-H age (age as of January 1 of the current year) and the number of years in 4-H.
- \* Please answer the questions or give the information in the order presented.
- \* Attach a one-page, typed, double-spaced paper titled "Why I Want to Be Mr. or Miss 4-H".

## **CLUB LEVEL PARTICIPATION**

- \* Offices Held – (list.....)
- \* Committees – (list....)
- \* Special Event or Activities – (list.....)

- \* List Project(s) Considered to Be Your Strongest
- \* Other Club Level Participation

#### **COUNTY LEVEL PARTICIPATION**

- \* Please list any of the following, along with the number of years of participation. If there is other county level participation, please list it also, with the number of years.
 

4-H Council Member	Junior Leader Activities
Fair Superintendent	Club Day Superintendent
Any Other	
- \* List participation in County Events and Activities (Council office or committees, 4-H promotion, CWF or Exchange Delegate)
- \* List County Awards and Honors Received

#### **CLUB/COUNTY LEVEL**

- \* Junior Leader Responsibilities and/or Major Junior Leader Work
- \* Non 4-H Community Involvement
- \* Experiences Before the Public (ie Demonstrations, Public Speaking, etc.)

#### **STATE OR NATIONAL PARTICIPATION**

- \* Event or Activity – (list .....
- \* Honors/Awards Received – (list....

Contact the Extension Office to schedule an interview time. All applicants are required to participate in the interview process and are also required to be in attendance at the crowning that evening.

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### **DIVISION: 4-H PHOTOGRAPHY**

**Superintendents:** Cheryl Conner, Brenda Wray, Sarah Starrett,  
Melissa Hatfield, Traci Pearce and Alane Ecord

**Conference Judging:** Tuesday, July 18, 9:00 a.m. – 1:00 p.m. at Celebration Hall at Designated Club Times (listed in the Fair Edition Newsletter)

Entries will be kept and displayed in Celebration Hall during the Fair.

**Release Time:** Saturday, July 22, 5:30 p.m. – 7:00 p.m.

#### **Special Awards will be given at the 4-H Awards Presentation:**

**\*Favorite Tourism Attraction Photo Taken in Franklin County** – \$20.00, sponsored by Franklin County Visitors Information Center

**Top 1<sup>st</sup> Year Photography Exhibitor** – \$10.00, sponsored by Chris & Michele Dunlap

**Overall Photography Exhibitor, 1<sup>st</sup>** – Rosette & \$10.00, sponsored by the Ayers Family

**Overall Photography Exhibitor, 2<sup>nd</sup>** – Plaque, In Memory of Joan Istas

**Overall Photography Exhibitor, 3<sup>rd</sup>** – Plaque, sponsored by Leonard & Linda Robbins

**\*Special Recognition:** The photo selected for the Favorite Tourism Attraction Photo Taken in Franklin County Award will be displayed for one year in the Franklin County Commission Chambers. The selected photo will be returned at the conclusion of the next year's fair.

**FOR STATE FAIR** – Only pictures that receive a purple are eligible for State Fair. Only members who are 9 years of age but not yet 19 years of age before January 1 of the current year are eligible to enter at the

State Fair. Exhibitors, first through seventh year in photography project, may enter one (only) photo print per exhibitor. Exhibitors in their eighth (plus) year in the photography project may enter two prints as long as the prints are in different classes, for a total of two entries per exhibitor.

**All photos are required to be in a photo bag for judging and displaying. Photo bags and matte boards are available to purchase at the Extension Office.**

1. Photography is a pre-fair, conference style judging. Your attendance is encouraged. Photographs, however, must be judged at the pre-fair judging in order for it to count as a 4-H Photography exhibit.
2. 4-H members are eligible to enter a total of four exhibits in the division. There is a limit of two entries per class.
3. Photographs entered must be the result of the current year's project work by the 4-H member. Photo images must be taken by the 4-H member (exhibitor).
4. Remove white border from the photo print before mounting.
5. All photos must be no larger than 8" x 10" and no smaller than 7" x 9" after trimming.
6. Photos are to be mounted across the narrow (11") dimension of an 11" x 12 ½" sheet of white or cream studio matte board. Photos mounted on poster board or foam core board will not be displayed.
7. Photos must be mounted with the top edge of the print 1" below the top of the mount. The sides of the print must be equal distance from the two sides of the mount.
8. A permanent mount must be made by using photographic adhesive.
9. No lettering, including dates, is permitted on the front of the mount or on the photo. Only the Fair Photography ID Form is to have lettering on it. No underlay or borders are to be used.
10. On the back of the mount, write; the exhibitor's name, address, photo class, location where the photography was taken and the Extension Unit (county/district). If in a district, please use full district name and add county name.
11. Improperly mounted photos, oversized or undersized 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.
12. 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.
13. 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.
14. The black and white class is 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.
15. 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 Fair.
16. 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**.
17. Copyright protections must be observed.
18. Decisions as to display and/or penalties will be made by the Photography Department Superintendent and the 4-H Agent responsible for the photography department.
19. A Champion and Reserve Champion will be chosen in each class.

- 550 Color photos taken by a 4-H member with 3 years or less in the project
- 551 Color photos taken by a 4-H member with 4-7 years in the project
- 552 Color photos taken by a 4-H member with 8 or more years in the project
- 553 Black and white photos – all levels of experience (black and white prints only) See Rule #14
- 554 Digital Composite Image – Photo must be created from two or more originals taken by the exhibitor. Exhibitor must include a second 11 x 12 ½ 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 #13 for class definition.**

**Ribbon Awards:** Champion, Reserve Champion, Purple, Blue, Red and White

**Premium Awards:** Purple or Blue \$1.00    Red \$0.75    White \$0.50

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## DIVISION: 4-H SHOOTING SPORTS / WESTERN HERITAGE

**Superintendent:** Cheryl Conner

**Conference Judging Pre-Registration Form Due:** Wednesday, June 28

**Entry Time:** Wednesday, July 19, 10:00 a.m. – Noon

**Conference Judging Time:** Thursday, July 20, Starting at 1:00 p.m. at Designated Times (schedule is listed on the Frontier District's Website and posted in Celebration Hall)

**Release Time:** Saturday, July 22, 5:30 p.m. – 7:00 p.m.

1. A member may make only one entry in this division.
2. Exhibits in this division are open to educational displays or promotional posters. Follow copyright laws as explained in the General Rules. Take care to select durable materials to withstand Fair conditions.
3. EXHIBITORS MUST COMPLY WITH STATE AND FEDERAL LAWS AND KANSAS STATE FAIR MANAGEMENT POLICIES. No "live" ammunition containing propellant or explosive powders may be used in any display! Artistic substitutes must be used in lieu of powder and "live" ammunition, label artistic substitutes on back on clarifications. Please remember that the Franklin County Fair nor the 4-H Youth Development, Kansas State University Research and Extension are liable for the loss or damage of any personal property included as part of the display.
4. Name, county or district, age and year in project should be on the front of the poster or display.
5. Exhibits will not be accepted if they are related to reloads.
6. A Champion and Reserve Champion will be selected for Shooting Sports.
7. Displays will be judged on the following points:
 

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

THE EXHIBIT SIZE WILL BE STRICTLY ENFORCED. Exhibits exceeding the size guidelines will be penalized one ribbon color.

### SHOOTING SPORTS

- 560** Educational: Must be directly related to the 4-H Shooting Sports Project (*must be standard tri-fold board ONLY, must not exceed standard tri-fold: 4' wide x 3 tall*).
- 561** Promotional Poster: Must promote 4-H Shooting Sports (*must be flat and no larger than 22" x 30"*).

### WESTERN HERITAGE

- 562** Educational: Must be directly related to the Western Heritage Project (*must be standard tri-fold board ONLY, must not exceed standard tri-fold: 4' wide x 3 tall*).
- 563** Promotional Poster: Must promote Western Heritage (*must be flat and no larger than 22" x 30"*).

**Ribbon Awards:** Champion, Reserve Champion, Purple, Blue, Red and White

**Premium Awards:** Blue \$0.75 Red \$0.50 White \$0.25

## DIVISION: 4-H SPACETECH

**Superintendent:** Gary Ross

**Conference Judging Pre-Registration Form Due:** Wednesday, June 28

**Entry Time:** Wednesday, July 19, 10:00 a.m. – Noon

**Conference Judging Time:** Thursday, July 20, Starting at 1:00 p.m. at Designated Times (schedule is listed on the Frontier District's Website and posted in Celebration Hall)

**Release Time:** Saturday, July 22, 5:30 p.m. – 7:00 p.m.

### Special Awards will be given at the 4-H Awards Presentation:

**Grand Champion Science & Technology** – Belt Buckle, sponsored by Jim & Julia Kice

**Reserve Champion Science & Technology** – Rosette, sponsored by Guy & Mae's

**Overall Robotic Exhibitor 1<sup>st</sup>** – \$10.00, sponsored by Leonard & Linda Robbins

**Overall Robotic Exhibitor, 2<sup>nd</sup>** – \$5.00, sponsored by Leonard & Linda Robbins

**Overall Rocketry Exhibitor, 1<sup>st</sup>** – Trophy, sponsored by Ken & Dawn Rumford

**Overall Rocketry Exhibitor, 2<sup>nd</sup>** – Trophy, sponsored by Steve & Roberta Anderson

**Top 1<sup>st</sup> Year Rocket Exhibitor** – Trophy, sponsored by Jake & Scooter Kice

### ASTRONOMY

1. The 4-H member must be currently enrolled in the 4-H Space Tech 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 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 telescope exhibit must include a "4-H Astronomy Exhibit Information Form," which should be attached to the outside of a 10" x 13" 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. 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" x 13" manila envelope.
  7. The telescope must be properly assembled and painted with a smooth and uniform finish. Decals, if used, should be attached smooth and tight.
  8. Telescopes designed by the exhibitor must be original, not a modification of an existing kit.
  9. Exhibitor's name, county or district, age and year(s) in project must be tagged or labeled in a prominent location on the telescope stand, educational display, notebook, and/or poster.
  10. A Champion and Reserve Champion will be chosen for Astronomy.

**570** Telescope made from kit

**571** Telescope made from the original design

**Ribbon Awards:** Champion, Reserve Champion, Purple, Blue, Red and White

**Premium Awards:** Purple or Blue \$1.00 Red \$0.75 White \$0.50

## **COMPUTERS**

1. The 4-H 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 SpaceTech 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. Counties or district should select only top blue or purple ribbon computer exhibits which meet State Fair guidelines.
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. 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.
6. A Champion and Reserve Champion will be chosen for Computers.

## Computer Systems

The Kansas 4-H SpaceTech 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 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. Physical computers as an exhibit will not be accepted.
2. All revisions of all forms previously released for the SpaceTech 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.
3. For all computer system entries (those entries not covered by the rules above) 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.KansasSpaceTech.com](http://www.KansasSpaceTech.com).
  - b. A USB drive labeled with the 4-H member’s name, county/district, and club; in a way that does not prevent it from being plugged into a computer.
  - c. At 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. On the back side of the graphic the 4-H member’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).
4. 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.KansasSpaceTech.com](http://www.KansasSpaceTech.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.

5. If the exhibit is a program, application, app, web site, or requires any coding, the source code must be included on the USB drive.
6. Diagrams or decision trees showing the logical flow of the system must be included on the USB drive for all exhibits.
7. 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-H member 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, 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.KansasSpaceTech.com](http://www.KansasSpaceTech.com).
8. Each exhibit must accomplish a specific automated task using a computer or virtual machine (VM).
9. WIFI (Internet) is not available at Celebration Hall. It is strongly recommended that 4-H members test exhibits on a computer with Internet connectivity disabled.
10. Kansas 4-H SpaceTech has made available Linux Virtual Machines (VMs) that can be downloaded and used to create projects on such as web servers, networking, and many other projects. For more information on how these VMs can be leveraged or to download them visit [www.KansasSpaceTech.com](http://www.KansasSpaceTech.com). 4-H members are not required to use the VMs in their projects. They are optional.
11. 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.
12. 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.
13. 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.
14. Judging will be based on a score sheet which can be found at [www.KansasSpaceTech.com](http://www.KansasSpaceTech.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 B – Computer Systems

- 572** 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.’)
- 573** Computer presentation (power point, web page/site, animated graphics, etc.)
- 574** Single computer system (web server, database server, etc.)
- 575** Networked system consisting of two or more computers

**Ribbon Awards:** Champion, Reserve Champion, Purple, Blue, Red and White

**Premium Awards:** Purple or Blue \$1.00   Red \$0.75   White \$0.50

## **ROBOTICS**

1. 4-H members must be currently enrolled in the Kansas 4-H SpaceTech project to exhibit in this division.
2. Each exhibitor may enter one robot per class. Exhibit must have been constructed and/or completed during the current 4-H year. The robot 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. Each robot must be free-standing, without the need for additional supports in order to be moved or exhibited.
4. Robot dimensions should not exceed 2 feet high, by 2 feet wide, by 2 feet deep. Weight may not exceed 15 pounds.
5. 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.
6. Robots may be powered by an electrical, battery, water, air 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.
7. 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.
8. Each robot must be in operable working condition. The judge will operate each robot to evaluate its workmanship and its ability to complete the required tasks for this current 4-H year.
9. Each exhibitor is required to complete the "4-H SpaceTech Robotics Exhibit Information Form" which is available at the Extension Office. This form must be attached to the outside of a 10" x 13" manila envelope. For notebooks, display boards, and posters, no additional exhibit information is required; no manila envelope is needed for the exhibits.
10. The exhibit must include written instructions for operation, construction plans, one to three pages of project photographs or a 5 minute CS, DVD, or video presentation, and robot programming information, if applicable. However, no exhibitor will be allowed to set up their robot in person. This information should be placed inside the 10" x 13" manila envelope mentioned above. The exhibitor may enter their electronic project listed under the electric program as under the SpaceTech robotics project if the exhibitor so chooses.
11. Creativity, workmanship, and functionality will be strong criteria in judging the "Robot designed by Exhibitor" classes.
12. Exhibitor's name(s) and county or district must be tagged or labeled in a prominent location on the robot, educational display, notebook, and/or poster board. Sources of scientific information must be cited on the front of your exhibits, including all poses and educational display boards.
13. Team project notebooks must be organized in a 3-ring binder and should highlight information/roles of each team member, drawings, charts, photographs, goals and objectives of your robotics project, and all robotic competitions your team has competed in during the current 4-H year.
14. There are no county or district boundaries that must be adhered to in order to form a Kansas 4-H SpaceTech Robotics team. However, as mentioned in #1, each team member must be currently enrolled in the Kansas 4-H SpaceTech project.
15. A Champion and Reserve Champion will be chosen for Robotics.

### **Division A – Novice – One to Two Years in Robotics Project**

**576** Robot made from a commercial (purchased) kit

- 577 Robot designed and constructed by exhibitor. The robot must not be a mere modification of an existing robot kit or plan.
- 578 Programmable robot made from a commercial (purchased) kit
- 579 Robot designed and constructed by exhibitor or from a commercial kit, that is operated by a remote controlled device
- 580 Junk Drawer Robotics-based curriculum robot

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

- 581 Robot made from a commercial (purchased) kit
- 582 Robot designed by exhibitor. The robot must not be a mere modification of an existing robot kit or plan.
- 583 Programmable robot made from a commercial (purchased) kit
- 584 Robot designed and constructed by exhibitor or from a commercial kit, that is operated by a remote controlled device
- 585 Junk Drawer Robotics-based curriculum robot

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

- 586 Robot made from a commercial (purchased) kit
- 587 Robot designed by exhibitor. The robot must not be a mere modification of an existing robot kit or plan.
- 588 Programmable robot made from a commercial (purchased) kit
- 589 Robot designed and constructed by exhibitor or from a commercial kit, that is operated by a remote controlled device
- 590 Junk Drawer Robotics-based curriculum robot

#### **Division D – Team Robotics Project**

**591** Robot designed and constructed by two or more 4-H SpaceTech 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 SpaceTech 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.

**Ribbon Awards:** Champion, Reserve Champion, Purple, Blue, Red and White

**Premium Awards:** Purple or Blue \$1.00 Red \$0.75 White \$0.50

#### **ROCKETRY**

The Kansas 4-H Space Tech 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 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 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.KansasSpaceTech.com](http://www.KansasSpaceTech.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>.

#### **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 Space Tech a high powered rocket is defined as a rocket that meets 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)
  - b. Weighs more than 3.3125 pounds (53 ounces or 1500 grams) at the time of launch:
  - c. Uses an 'E' engine or larger to launch (2D's, 4C's, 8B's, etc.);
  - d. The total impulse of all engines used in the rocket is greater than 20.1 Newton-seconds of thrust.
  - 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 2.2 ounces (62.5 grams) of propellant and are limited to only H and I motors.
4. High power certification is defined as having successfully completed a certification program for high-powered rocketry through the NAR and maintaining that certification. This applies to all membership levels in the NAR. Specifically the "Formal Participation Procedure" for the "Junior HPR Level 1 Participation Program" as outlined by the NAR.
5. NAR rules for launching and construction of all rockets are assumed to be used by all 4-H Space Tech exhibitors and will be considered during judging.
6. For the purposes of Kansas 4-H Space Tech, 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 Space Tech 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 either a "kit" or a "rocketry educational exhibit" 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 Space Tech Rocket Exhibit Information Form which is affixed to a 10" x 13" envelope. This envelope should NOT be attached to the rocket stand rocket. This may be downloaded from <http://www.Kansas4-H.org>.
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, 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.
- 5. One or more photographs of the rocket 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 exhibit 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.
- 6. To exhibit in this division:
  - a. The rocket must have been flown.
  - 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 Space Tech 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 cannot 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. 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.
  - b. The different stages must be included to complete the rocketry exhibit; incomplete exhibits will be deducted at least one ribbon placing.
  - c. Use of any engines to join the stages together will be subject to immediate disqualification.
- 16. Multi-stage rockets can be flown using just the final stage and be considered fully flown.
- 17. If a safety violation is noted by the judges, superintendent, or other staff, the exhibitor's rocket, at the judges' discretion, will receive a participation ribbon. All information necessary will be given to the NAR and TRIPOLI for investigation and possible revocation of membership.
- 18. A Champion and Reserve Champion will be chosen for Rocketry.



## **Construction Rules for ALL Rockets**

Purpose: These rules apply to the construction of all rockets displayed in the Space Tech 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.
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](http://www.KansasSpaceTech.com).
5. Fins should be rounded or streamlined to reduce drag on all exposed sides unless instructions indicate otherwise.
6. Fins and body tubes are to be sealed with sanding sealer and/or primer to eliminate the appearance of body grooves and wood grain.
7. Fins and launch lugs are to be filleted to reduce drag and properly secure them to the model.
8. Any seams on plastic parts are to be sanded smooth.
9. Body tubes/airframes/engine mounts can be made from suitable materials, including, but not limited to: reinforced paper, cardboard, phenolic resin, specialized polymer resins, fiberglass, Kevlar, or other suitable structural materials.
10. The nose cone is to fit snugly but still allow for easy removal.
11. Exhibits must be uniformly painted and smoothly finished or finished as per rocket instructions, and have decals applied smoothly.
12. Nonstandard surfacing (such as textured paint) may be used if directed by the instructions, this includes scratch built rockets.
13. Models may not be judged based on their paint scheme (colors and placement on the rocket), with the exception of rockets that fit the definition of a "scale model." All other rockets do not have to follow the suggested paint scheme, allowing the 4-H member to display maximum creativity in the finishing of their rocket.
  - a. Under no circumstances is the weight given to the paint scheme to be sufficient enough, by itself, to move the model from one ribbon placing to another.
14. "Scale models" may be judged based on their paint scheme. The judge may deduct up to one ribbon placing for not following the paint scheme.
15. Scale Model Rockets are to be finished and completed with a majority (greater than 70%) of decals.

## **Model Rocketry Guidelines (ages 7 and up):**

Purpose: Model rockets are generally small-to-medium sized rockets that can be purchased at hobby stores or are small-to-medium sized model rockets that an individual(s) builds from parts similar to those found in model rocket kits.

1. Rockets classified as high 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 top of the base.
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 of the base.
4. All exhibitors must comply with the NAR Model Rocket Safety Code that is in effect as of October 1<sup>st</sup> 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 Rocket Guidelines (ages 11 and up):**

Purpose: To allow for youth to develop their own rockets (model 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.
6. Up to 4 additional pages can be added to the rocketry information pack detailing the test(s) performed to insure stability. 4-H members are strongly encouraged to provide as much detail as possible. Failure to provide adequate written documentation will result in a disqualification.

### **Alternative Skins (ages 14 and up):**

Purpose: Alternative skins are an advanced construction technique that allows the builders of model rockets to display maximum design and creativity in their models. Alternative skins are thin coverings over a supporting skeleton that serve as the finish of a rocket as opposed to painting.

#### **Construction and Operating Rules and Guidelines:**

1. The General exhibit rules for ALL categories apply.
2. Use of alternative skins used for model aircraft is permitted on rockets of original design provided adequate provisions are made to prevent the rocket from catching fire during all phases of flight.
3. When used in construction these alternative skins should not be used as primary structure for the rocket. The rocket should still be of sound design and construction to insure safety for personnel performing launch activities as well as others who are in the nearby vicinity.

#### **Types of Covering:**

1. Plastic shrink type coatings used for radio control model aircraft are permitted. These can be obtained from various manufacturers and hobby suppliers.
2. Other types of fabric coverings such as cloth types using coatings for stiffness are permitted as long as all of the rules set forth above are met.

#### Quality of Finish:

When the above finishes are used the following judging criteria will apply in addition to those for judging other rocketry divisions.

1. Seams and transition area will be uniform and even when they are needed in the construction.
2. Gaps and holes are not permitted in the covering especially where the fins or other stabilizing devices meet the main body of the rocket.
3. Omission of these skins from the bottom of the rocket is permissible. Paints and other types of coatings currently used for rocketry may be substituted in these areas.
4. Alternative skins in this section may also be used in conjunction with paints on the rocket. However, care shall be taken to insure that edges of the alternative skins will not peel off in flight.

#### **Exhibitors 7 and 8 years old**

**592** Rocket made from a kit. Include plans.

#### **Exhibitors 9 through 13 years old**

**593** Rocket made from a kit. Include plans.

#### **Exhibitors 11 through 13 years old**

**594** Rocket designed by exhibitor: not merely a modification of an existing kit. Include original plans.

#### **Exhibitors 14 years and older**

**595** Rocket made from a kit. Include plans.

**596** Rocket designed by exhibitor: not merely a modification of an existing kit. Include original plans.

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

#### **Exhibitor 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 project.

**598** Rocket designed by 2 or more exhibitors: not merely a modification of an existing kit. Include original plans.

#### **High Power Rocketry 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. The NAR High Power Rocket Safety Code applies to the construction and launching of all rockets displayed this division. As such, all exhibitors must comply with the NAR High Power rocket Safety Code that is in effect as of October 1<sup>st</sup> 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.
5. All rockets in this division are to be launched under adult supervision by the 4-H member who constructed the rocket.

6. If a rocket is launched using an engine(s) that has 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.
  - a. 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).
7. If according to Federal Aviation Regulations Part 101, a waiver is required to fly the rocket, a copy of the 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.
8. 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.

#### **Exhibitor 14 years and older**

**599** High power rocket made from a kit or original design.

**Ribbon Awards:** Champion, Reserve Champion, Purple, Blue, Red and White

**Premium Awards:** Purple or Blue \$1.00 Red \$0.75 White \$0.50

#### **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. 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 and have been selected at the county level for entry at the State Fair level. Counties or district should select only top blue or purple ribbon computer exhibits which meet State Fair guidelines.
3. For 2017, display boards, posters and notebooks are the only unmanned aerial systems exhibits being accepted. In 2018, more classes will be added for UASs.
4. Exhibitor's name, county or district, age, and years in project must be tagged or labeled in a prominent location on the exhibit, educational display, notebook, and/or poster.
5. Unmanned Aerial Systems that include or depict weaponry of any kind will be disqualified.

#### **POSTERS, NOTEBOOKS AND DISPLAY BOARDS**

Purpose: To allow 4-Hers to explore SpaceTech outside the bounds of traditional projects for rockets, robotics, astronomy, computers and unmanned aerial systems. All posters, notebooks and display boards are listed in this section and have been removed from the individual sections to save space.

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 may not be just a static project, but must contain substantial supporting educational materials in the form of posters, notebooks, or display boards, etc.
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](http://www.kansasspacetech.com). For example, a rocket may have crashed and/or is highly damaged that can't be launched again 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 on the "4-H Educational Rocketry Exhibit Information Form." Additional pages can be added inside the Information Packet and should be labeled "Citations." Sources of scientific 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 board 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. Educational posters must be no larger than a 20" X 30" poster board. Exhibitors are encouraged to laminate all posters and diagrams or cover them with clear plastic film. 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 labeled in a prominent location on the educational display, notebook, "Construction Kit," and/or poster.
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 model or high power rocketry
  - f. And those characteristics described above

#### **Rocketry Division F – Exhibitors 9 through 13 years old**

- 600 Rocketry Educational Display
- 601 Rocketry Notebook
- 602 Rocketry Poster Board

**Rocketry Division G – Exhibitors 14 years and older**

- 603 Rocketry Educational Display
- 604 Rocketry Notebook
- 605 Rocketry Poster Board

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

- 606 Robotics Educational Display
- 607 Robotics Educational Notebook
- 608 Robotics Educational Poster

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

- 609 Robotics Educational Display
- 610 Robotics Educational Notebook
- 611 Robotics Educational Poster

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

- 612 Robotics Educational Display
- 613 Robotics Educational Notebook
- 614 Robotics Educational Poster

**Robotics Division D – Team Robotics Project**

- 615 Team Robotics Educational Display
- 616 Team Robotics Educational Notebook
- 617 Team Robotics Educational Poster

**Computers**

- 618 Computer Educational Poster
- 619 Computer Display Board
- 620 Computer Notebook

**Unmanned Aerial Systems**

- 621 Unmanned Aerial Systems Educational Poster
- 622 Unmanned Aerial Systems Display Board
- 623 Unmanned Aerial Systems Notebook

**Ribbon Awards:** Champion, Reserve Champion, Purple, Blue, Red and White

**Premium Awards:** Purple or Blue \$1.00   Red \$0.75   White \$0.50

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**DIVISION: 4-H VISUAL ARTS**

**Superintendents:** Michele Altendorf

**Conference Judging:** Tuesday, July 18, 9:00 a.m. – 1:00 p.m. at Celebration Hall at Designated Club Times (listed in the Fair Edition Newsletter). Entries will be kept and displayed during the Fair.

**Release Time:** Saturday, July 22, 5:30 p.m. – 7:00 p.m.

**Special Awards will be given at the 4-H Awards Presentation:**

**Champion Visual Arts** – Trophy, sponsored by Penne Rowland

**Reserve Champion Visual Arts** – Plaque, sponsored by Penne Rowland

**State Fair Qualification** – The 4-H member must be 9 years old or older to exhibit at the State Fair. Only 4 Visual Arts exhibits will be chosen by the judge(s) to exhibit at the State Fair. Visual Arts is a noncompetitive division at the State Fair.

1. Visual Arts are a conference style judging opportunity. Conference judging is optional; however, the project must be judged on this day in order to be considered for the 4-H Division of the Fair.
2. 4-H members can exhibit up to 8 items with a limit of 2 per class.
3. Exhibits made from craft kits are not acceptable. Entries are to be creative and original. Exception: Stitchery may be made from kits.
4. An evaluation sheet must be attached to the exhibit if you cannot stay for conference judging.
5. There will be three divisions for Crafts: Juniors - Age 7-9, Intermediates – Age 10-13, Seniors – Age 14-18. No age division will be judged against another except in picking the overall champion.
6. All exhibits, which need to be hung, MUST have wire or saw tooth hanger attached (no string or tape) in order to be properly displayed.
7. No glass on frames.
8. Multi-piece items should be marked accordingly.
9. 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, etc.
10. No plants or plant materials needing watering can be entered as an art display or item.
11. All exhibits are entered at your own risk.
12. A Champion and Reserve Champion will be selected for Visual Arts.

**660** Item made from Recycled Materials

**661** Sketching, Drawing and Painting

**662** Carving

**663** Ceramics

**664** Leather

**665** Miscellaneous – must not “fit” in any other Visual Arts Class

**Ribbon Awards:** Champion, Reserve Champion, Purple, Blue, Red and White

**Premium Awards:** Purple or Blue \$1.00 Red \$0.75 White \$0.50

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**DIVISION: 4-H WILDLIFE**

**Superintendent:** Ryan McCurdy

**Conference Judging Pre-Registration Form Due:** Wednesday, June 28

**Entry Time:** Wednesday, July 19, 10:00 a.m. – Noon

**Conference Judging Time:** Thursday, July 20, at 1:00 p.m. at Designated Times (schedule is listed on the Frontier District’s Website and posted in Celebration Hall)

**Release Time:** Saturday, July 22, 5:30 p.m. – 7:00 p.m.

**Special Awards will be given at the 4-H Awards Presentation:**

**Overall Wildlife Exhibitor** – Plaque, sponsored by Franklin County Conservation District

**Reserve Champion Wildlife** – Embroidered Bag, sponsored by Aaron & Angelle Higbie

1. A member may make only one entry in this division.
2. EXHIBITORS MUST COMPLY WITH STATE AND FEDERAL LAWS. It is illegal to possess threatened/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. The Franklin County Fair and the 4-H Youth Development are not responsible for damage during the exhibition period.
4. Name, county or district, age and year in project should be in a prominent location on the exhibit.
5. Notebooks and 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 Power.....                                                                             | 15 |
| 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 Power.....                                                                                    | 15 |
| Correct letter size, pleasing color combination, appropriate symbols, and models                         |    |
| Personal Growth.....                                                                                     | 25 |
| How much knowledge was gained by exhibitor? Was enthusiasm shown?                                        |    |
| Educational Value.....                                                                                   | 25 |
| Knowledge shared. Note: Credit all citations, web sites or other resources used in creating your exhibit |    |
6. Posters will be judged on the following points:

|                         |    |
|-------------------------|----|
| General Appearance..... | 30 |
| Information.....        | 50 |
| Organization.....       | 20 |
7. A Champion and Reserve Champion will be chosen for Wildlife.

- 670** Notebook – Contents pertain to some phase, results, story or information about the wildlife projects
- 671** Promotional Poster – Must be related to something learned in the wildlife project (flat poster board or foam board no larger than 22" x 28")
- 672** Educational Display – Must be directly related to the wildlife project. Maximum tri-fold size is 3' x 4'
- 673** Taxidermy/Tanning Exhibit – Should include an attachment that shows the work in progress through photos with captions or a detailed journaling of the process.

**Ribbon Awards:** Champion, Reserve Champion, Purple, Blue, Red and White

**Premium Awards:** Blue \$0.75   Red \$0.50   White \$0.25



## **DIVISION: 4-H WOODWORKING**

**Superintendent:** Traci Pearce

**Conference Judging Pre-Registration Form Due:** Wednesday, June 28

**Entry Time:** Wednesday, July 19, 10:00 a.m. – Noon

**Conference Judging Time:** Thursday, July 20, at 1:00 p.m. at Designated Times (schedule is listed on the Frontier District's Website and posted in Celebration Hall)

**Release Time:** Saturday, July 22, 5:30 p.m. – 7:00 p.m.

### **Special Awards will be given at the 4-H Awards Presentation:**

**Overall Woodworking Exhibitor** – Plaque, sponsored by Dave's Pest Control

**Reserve Champion Woodworking** – \$15 CMI Gift Card, sponsored by Aaron & Angelle Higbie

**Top 1<sup>st</sup> Year Woodworking Exhibitor** – Plaque, sponsored by Franklin County Farm Bureau Association

1. The plan from which it was constructed must be with the article exhibited. 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.
2. Projects with missing or insufficient plans will be lowered one ribbon placing.
3. Projects that have unsecured glass, 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 easily removed.
4. The 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 hole punched through it and using 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.
9. A Champion and Reserve Champion will be chosen for Woodworking.

**675** Hand tools only (for beginners)

**676** Article for farm or shop use

**677** Furniture for the household or lawn use

**678** Other woodwork: Articles not included in the above classes. Examples: bird houses, bird feeders, household equipment such as bread boards, knife racks, doorstops, etc.

**679** Any article made from a kit (for County competition only)

**Ribbon Awards:** Champion, Reserve Champion, Purple, Blue, Red and White

**Premium Awards:** Purple and Blue \$3.00      Red \$2.00      White \$1.00

## DIVISION: OPEN CLASS AGRICULTURE

**Superintendent:** Chrystal Conner

**Entry Deadline:** Wednesday, July 19, 10:00 a.m. – Noon

**Judging Time:** Thursday, July 20, 9:00 a.m.

**Release Time:** Saturday, July 22, 5:30 p.m. – 7:00 p.m.

1. Any exhibitor removing exhibits prior to release time will forfeit all premium money.
2. All products displayed must have been produced in this year. Exception – soybean seed
3. Only one exhibit may compete for a prize from a single farming unit. Exception – 4-H members may make entries in competition against their parents, if duly enrolled in the project.
4. Corn and sorghum exhibits should be past the dough stage.
5. The right is reserved to plug melons.
6. **Use a sturdy plate, bowl or container that will support the weight of the produce. Plates, bowls and/or containers will NOT be provided.**
7. **Crops placed in a one gallon jar must have a secure lid on the jar.**
8. A Champion and Reserve Champion will be selected in Fruits & Vegetables, as well as Farm Crops.

### FRUITS & VEGETABLES

- 680 Plate of 5 Standard Tomatoes
- 681 Plate of 5 Cherry or Ornamental Tomatoes
- 682 Plate of 5 Green Onions
- 683 Plate of 5 Onions, any other variety
- 684 Plate of 5 Table Beets
- 685 Plate of 5 Carrots
- 686 Plate of 5 Bell Peppers
- 687 Plate of 5 Other Peppers
- 688 Plate of 5 Turnips
- 689 Plate of 5 Kohlrabi
- 690 Plate of 5 Cucumbers
- 691 Plate of 5 Eggplant
- 692 Plate of 12 Okra
- 693 Plate of 12 Snap Green Beans
- 694 Plate of 12 Yellow Wax Beans
- 695 Plate of 12 Lima Beans
- 696 Plate of 5 Red Potatoes
- 697 Plate of 5 White Potatoes
- 698 Plate of 5 Sweet Potatoes
- 699 1 Watermelon
- 700 1 Cantaloupe
- 701 1 Pumpkin
- 702 Plate of 3 Ornamental Pumpkins or Gourds
- 703 1 Summer Squash
- 704 1 Winter Squash
- 705 1 Head Cabbage
- 706 1 Head Cauliflower

- 707 5 Ears Sweet Corn
- 708 1 Display of 3 Varieties of Herbs
- 709 Plate of 5 Delicious Apples
- 710 Plate of 5 Jonathan Apples
- 711 Plate of 5 Apples, any other variety
- 712 Plate of 5 Peaches
- 713 Plate of 5 Pears
- 714 Plate of 5 Plums
- 715 Plate of 5 Bunches of Grapes
- 716 Miscellaneous

#### **FARM CROPS**

- 717 Wheat, 1 gallon
- 718 Oats, 1 gallon
- 719 Soybeans, 1 gallon (variety must be named)
- 720 Brome Grass Seed, 1 gallon
- 721 Other Tame Grass Seed, 1 gallon
- 722 Brome Hay, 6" slice
- 723 Alfalfa Hay, 6" slice
- 724 Yellow Corn, 10 ears
- 725 White Corn, 10 ears
- 726 Popcorn, 10 ears
- 727 Forage Corn, 5 stalks – whole plant, no roots
- 728 Hybrid Forage Sorghum, 5 stalks – whole plant, no roots – Hybrid must be named
- 729 Other Forage Sorghum, 5 stalks – whole plant, no roots – Variety must be named
- 730 Soybeans, 5 stalks – Variety must be named
- 731 Grain Sorghum, 10 heads

**Ribbon Awards:** Champion, Reserve Champion, Blue, Red and White

**Premium Awards:** Blue \$1.00 Red \$0.75 White \$0.50

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#### **DIVISION: OPEN CLASS CLOTHING AND TEXTILES**

**Superintendent:** Merry Dee Hornbuckle

**Entry Time:** Wednesday, July 19, 10:00 a.m. – Noon

**Judging Time:** Thursday, July 20, 9:00 a.m.

**Release Time:** Saturday, July 22, 5:30 p.m. – 7:00 p.m.

**Special Awards can be picked up at Exhibit Release Time on Saturday:**

**Champion Quilt** – Rosette, sponsored by Phyllis Schamle Memorial

**Champion Handwork** – Rosette, In Memory of Anne Burnett, Given by Angelle Higbie

1. Any exhibitor removing exhibits prior to release time will forfeit all premium money.
2. Entries that do not comply with class rules will be dropped a ribbon placing.

3. All articles entered in the Clothing and Textiles Division must be strictly home products.
4. Exhibitors are limited to one entry per class.
5. All articles entered in the Clothing and Textiles Division which requires hangers should be entered on hangers and covered with plastic (garment bags). Use safety pins to attach garments to hangers.
6. All products exhibited must be made by the exhibitor after July 1, 2014.  
Exception: Oldest Quilt Class
7. All knitted and crocheted articles must be handmade.  
Exception: Classes which are designated machine knitted
8. After winning a blue ribbon one year, that article cannot be entered the next year.
9. Quilts can be hand or machine quilted.
10. A Champion and Reserve Champion exhibit will be selected in Quilts and Quilting, Handwork, Knitting and Crocheting, and Clothing.

### **QUILTS AND QUILTING**

- 740** Best oldest quilt, constructed and quilted (state year made)
- 741** Quilt, pieced/patchwork
- 742** Quilt, appliqued (includes Celtic stained glass, Hawaiian, etc.)
- 743** Quilt, embroidered (includes cross-stitch)
- 744** Quilt, child's crib (smaller than 45" x 60" and larger than 36" x 36")
- 745** Quilt, other than listed (ex. Sashiko, painted, combination of techniques)
- 746** Quilt, for quilting only, machine quilted
- 747** Quilt, for quilting only, hand quilted
- 748** Quilted wall hanging (less than 36" x 36"), can be in or out of hoop
- 749** Quilted wall hanging (larger than 36" x 36"), can be in or out of hoop
- 750** Mini-quilts (less than or equal to 30" x 30")
- 751** Quilted pillows (includes Quillows)
- 752** Friendship quilts (made by more than one person)

### **Quilts and Quilting Awards**

**Ribbon Awards:** Champion, Reserve Champion, Blue, Red and White

**Premium Awards:** Blue \$3.00   Red \$2.00   White \$1.00

### **HANDWORK**

- 753** Embroidery
- 754** Cross-Stitch
- 755** Needlepoint
- 756** Candle wicking
- 757** Crewel
- 758** Lacework
- 759** Applique
- 760** Tea towels, one of a set
- 761** Potheadler
- 762** Any handwork not listed

### **KNITTING AND CROCHETING**

- 763** Crocheted Lace Tablecloth
- 764** Crocheted Sweater

- 765 Crocheted Baby or Infant Set
- 766 Small Crocheted Article Not Listed
- 767 Crocheted Pillows
- 768 Crocheted Bedspread
- 769 Large Crocheted Article Not Listed
- 770 Pillowcases (with knitted or crocheted edges)
- 771 Knitted Baby or Infant Set
- 772 Knitted Blouse or Sweater
- 773 Knitted Pillows
- 774 Knitted Bedspread
- 775 Other Small Knitted Piece Not Listed
- 776 Other Large Knitted Article Not Listed

#### **Handwork, Knitting and Crocheting Awards**

**Ribbon Awards:** Champion, Reserve Champion, Blue, Red and White

**Premium Awards:** Blue \$1.00 Red \$0.75 White \$0.50

#### **CLOTHING**

- 777 Accessories (purses, scarves, ties, hat, etc.)
- 778 Children's Clothing

#### **Clothing (Accessories & Children's Clothing) Awards**

**Premium Awards:** Blue \$1.00 Red \$0.75 White \$0.50

- 779 Adult's Clothing

#### **Clothing (Adult Clothing) Awards**

**Ribbon Awards:** Champion, Reserve Champion, Blue, Red and White

**Premium Awards:** Blue \$2.00 Red \$1.00 White \$0.50

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### **FAIRBOARD PRESIDENT'S CAKE CONTEST**

**Sponsored by:** Roy & Debbie Dunn

**Entry Time:** Saturday, July 22, 11:00 – 11:30 a.m., Celebration Hall

**Judging Time:** Saturday, July 22, 11:30 a.m.

#### **Special Awards**

**1<sup>st</sup> Place** – Rosette, sponsored by Roy and Debbie Dunn

**2<sup>nd</sup> Place** – Rosette, sponsored by Roy and Debbie Dunn

**3<sup>rd</sup> Place** – Rosette, sponsored by Roy and Debbie Dunn

1. Cakes may be any type of frosted or unfrosted (layer, bundt or other nonperishable cake). Cheesecakes or other cakes which require refrigeration will NOT be accepted. If layer cake, it must be two or more complete layers. Only whole cakes will be accepted.

2. Place cake on covered cardboard and cover with clear plastic. Attach the recipe.
3. All cakes will be sold at the Market Animal Sale on Saturday. Proceeds will go to the Franklin County Agricultural Society to be used to support fair activities and exhibits.

## 785 Cake Contest

### DIVISION: OPEN CLASS FINE ARTS

**Superintendent:** Nancy Machnicki

**Entry Time:** Wednesday, July 19, 10:00 a.m. – Noon

**Judging Time:** Thursday, July 20, 9:00 a.m.

**Release Time:** Saturday, July 22, 5:30 p.m. – 7:00 p.m.

**Special Awards can be picked up at Exhibit Release Time on Saturday:**

**Best Drawing or Design (age 11 and under)** - Trophy, sponsored by Rose Baker

**Best Drawing or Design (12-16 yrs. old)** - \$5.00, sponsored by Rose Baker

**Best Craft Item (age 16 and under)** – \$5.00, sponsored by Belinda Brown

1. Any exhibitor removing exhibits prior to release time will forfeit all premium money.
2. Entries that do not comply with class rules will be dropped a ribbon placing.
3. All entries must be the handiwork of the exhibitor, made since July 31, 2015 (two year time limit).
4. Exhibitors are limited to one entry per class.
5. A Champion and Reserve Champion exhibit will be selected in Fine Arts in both the Adult and Junior Divisions. **These awards are not based on the number of blue ribbons received.**
6. **Exhibitor must secure entry tag to the exhibit.**

### ADULT DIVISION (age 17 and older)

- 790 Acrylic and Oil Painting
- 791 Watercolor, Tempera, etc.
- 792 Painting, Mixed Medium
- 793 Tole Painting or Decorative Painting
- 794 Charcoal or Pastel
- 795 Drawing and Design
- 796 China Painting
- 797 Sculpture
- 798 Ceramics, glazed
- 799 Ceramics, stained
- 800 Ceramics, soft sculpture
- 801 Pottery
- 802 Plasterware

- 803 Plastic Canvas
- 804 Cloth Soft Sculpture
- 805 Latch-Hook
- 806 Jewelry
- 807 Holiday or Seasonal Craft
- 808 Wood Carving
- 809 Metal Craft
- 810 Crafts made from kits
- 811 Dolls, cloth
- 812 Dolls, porcelain or china
- 813 Dolls, other
- 814 Leather Craft
- 815 Woodworking (small item)
- 816 Woodworking (large item)
- 817 Craft Not Listed

**JUNIOR DIVISION (age 16 and under)**

- 818 Acrylic and Oil Painting
- 819 Watercolor, Tempera, etc.
- 820 Tole Painting or Decorative Painting
- 821 Drawing and Design
- 822 Crayon Drawing
- 823 Sculpture
- 824 Ceramics, glazed
- 825 Ceramics, stained
- 826 Ceramics, soft sculpture
- 827 Pottery
- 828 Plasterware
- 829 Cloth Soft Sculpture
- 830 Latch-Hook
- 831 Wood Carving
- 832 Metal Craft
- 833 Jewelry
- 834 Leather Craft
- 835 Woodworking (small item)
- 836 Woodworking (large item)
- 837 Craft Not Listed

**Ribbon Awards:** Champion, Reserve Champion, Blue, Red and White

**Premium Awards:** Blue \$1.00   Red \$0.75   White \$0.50

## **DIVISION: OPEN CLASS FLORICULTURE**

**Superintendent:** Janet Paddock

**Entry Time:** Wednesday, July 19, 10:00 a.m. – Noon

**Judging Time:** Wednesday, July 19, 1:30 p.m.

**Release Time:** Saturday, July 22, 5:30 p.m. – 7:00 p.m.

**Special Awards can be picked up at Exhibit Release Time on Saturday:**

**Finest Gladiolus** – Rosette, sponsored by Village Manor

**Finest Day Lily** – \$5.00, sponsored by Village Manor

**Finest Rose** – \$5.00, sponsored by Village Manor

**Finest Zinnia** – \$5.00, sponsored by Village Manor

1. Any exhibitor removing exhibits prior to release time will forfeit all premium money.
2. Entries that do not comply with class rules will be dropped a ribbon placing.
3. Each exhibitor must furnish their own containers.
4. Arrangements or designs must be done by exhibitor.
5. All flowers must be grown by the exhibitor.
6. A first (blue ribbon), second (red ribbon) and third (white ribbon) placing will be given in each class. A Champion and Reserve Champion will be selected in specimen and arrangements in the adult and junior division. These awards are not based on the number of blue ribbons received.
7. Exhibitors use clear containers for specimens.

### **ADULT DIVISION SPECIMEN**

- 840** Cosmos – 3 blooms
- 841** Cockscomb (crested) – 1 stem
- 842** Cockscomb (plumes) – 3 stems
- 843** Dahlia (large) – 1 bloom
- 844** Dahlia (pompon) – 3 blooms
- 845** Daisy – 3 stems
- 846** Day Lily (single) – 1 scape
- 847** Day Lily (miniature) – 1 scape
- 848** Day Lily (double) – 1 scape
- 849** Tiger Lily – 1 stalk
- 850** Gladiolus – 1 stalk
- 851** Lily – 1 stem
- 852** Marigold (large) – 3 blooms
- 853** Marigold (intermediate) – 3 blooms
- 854** Marigold (small) – 3 blooms
- 855** Petunias (double) – 3 blooms
- 856** Petunias (plain) – 3 blooms
- 857** Petunias (ruffled) – 3 blooms
- 858** Phlox – 1 stem
- 859** Snapdragons – 3 stems
- 860** Rose (floribunda) – 1 stem
- 861** Rose (grandiflora) – 1 stem



- 862 Rose (miniature) – 1 stem
- 863 Rose (tea) – 1 stem
- 864 Rose (any other type) – 1 stem
- 865 Zinnias (small) – 3 blooms
- 866 Zinnias (intermediate) – 3 blooms
- 867 Zinnias (large) – 3 blooms
- 868 Other Annual not listed
- 869 Other Perennial not listed
- 870 Houseplant

#### **ADULT DIVISION ARRANGEMENTS**

1. An exhibitor may enter up to 4 floral exhibits.
2. All floral materials must be grown and/or collected by the exhibitor, rather than purchased. Entries should not take over one square foot of table space.
3. Potted plants are not accepted.

- 871 Fresh Flower Arrangement – Flower materials must be grown and/or collected by exhibitor, not purchased
- 872 Dried Flower Arrangement – No fabric or plastic material allowed

#### **JUNIOR DIVISION SPECIMEN (ages 6-16)**

- 873 Best Sunflower bloom (not wild)
- 874 Zinnias, large – 3 blooms
- 875 Zinnias, intermediate – 3 blooms
- 876 Zinnias, small – 3 blooms
- 877 Marigolds, large – 3 blooms
- 878 Marigolds, small – 3 blooms
- 879 Other, not listed

#### **JUNIOR DIVISION ARRANGEMENTS**

1. An exhibitor may enter up to 4 floral exhibits.
2. All floral materials must be grown and/or collected by the exhibitor, rather than purchased. Entries should not take over one square foot of table space.
3. Potted plants are not accepted.

- 880 Fresh Flower Arrangements – Flower materials must be grown and/or collected by exhibitor, not purchased
- 881 Dried Flower Arrangements – No fabric or plastic material allowed

**Ribbon Awards** Champion, Reserve Champion, Blue, Red and White

**Premium Awards:** Blue \$1.00   Red \$0.50   White \$0.25

## **DIVISION: OPEN CLASS FOODS AND FOOD PRESERVATION**

**Superintendent:** Joyce Wasmund

**Entry Time:** Wednesday, July 19, 10:00 a.m. – Noon

**Judging Time:** Wednesday, July 19, 1:00 p.m.

**Release Time:** Saturday, July 22, 5:30 p.m. – 7:00 p.m.

**Special Awards can be picked up at Exhibit Release Time on Saturday.**

**Best Loaf of Quick Bread** – \$5.00, sponsored by Harmony Homes Social Club

**Best Yeast Rolls** – \$5.00, sponsored by Joyce Wasmund

**Best Yeast Product (age 16 and under)** – \$5.00, sponsored by Juanita Sleichter

**Best Cookies (age 16 and under)** – \$5.00, sponsored by Belinda Brown

**Champion Wheat Product** – USA Pan Half Sheet Pan, sponsored by the Kansas Wheat Commission

1. Any exhibitor removing exhibits prior to release time will forfeit all premium money.
2. Entries that do not comply with class rules will be dropped a ribbon placing.
3. All entries must be removed from the pan with the exception of a fruit pie. Each entry must be placed on paper plate and in a clear plastic food grade bag. Entries too large to place on a paper plate must be placed on a piece of cardboard (covered with foil) and covered with plastic wrap. Only the exhibit is judged. The container is not judged.
4. Entries must be made from scratch. No mixes are allowed in any products.
5. Alcohol (ex: wine, beer and hard liquor) is not allowed as an ingredient in food entries. Entries with alcohol in the recipe will be disqualified and not judged.
6. Exhibitors are limited to one entry per class.
7. For food safety purposes, any food with custard and dairy-based fillings and frostings (ex: cream cheese) raw eggs, flavored oils, “canned” bread or cakes in a jar, cut fresh fruit or any food requiring refrigeration (ex: bacon) 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 make informed, safe food exhibit decisions.
8. 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.
9. Under-baked entries will be lowered one or more ribbon placings.
10. Recommended recipes and processing methods must be used. Processing methods that will be disqualified include: open kettle canning, oven canning, and sun canning. Untested recipes will be disqualified for food safety reasons. Recommended recipe resources include:
  - K-State Research and Extension Food Preservation publications
  - USDA Complete Guide to home Canning
  - So Easy to Preserve, 6<sup>th</sup> Edition, The University of Georgia Cooperative Extension Service
  - Ball Blue Book Guide to Preserving
  - Ball Complete Book of Home Preserving
  - Canning mixes (i.e. Mrs. Wage’s, Ball)
  - Pectic manufacturers (i.e. SureJell, Ball)
  - <http://www.rrc.k-state.edu/preservation/recipes.html>

Refer to K-State Research and Extension publication for more information:

4H712 Food Safety Recommendations for Food Preservations 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>)

**Homemade recipes or other untested recipes will be disqualified for safety reasons.**

11. Exhibits must be sealed in a clean, clear standard canning jars, with matching brand (ex: use Ball lids on Ball jars, or Kerr lids on Kerr jars, etc.) two piece lids. **Do not use colored jars.** Do not add fancy padded lids, fabric over wraps or cozies as they interfere with the judging process. No fancy packs unless recipe states to do so (ex: pickles, 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 and 24-ounce canning jars available and may be used. Use pint jar canning process recommendations for 12 ounce jars. Use quart jar process recommendations for 24 ounce jars.
12. Each exhibit must have the complete recipe and instructions attached with the entry card, or it will be lowered one ribbon placing. Recipe must include exhibitor name, recipe source, date of publication and altitude of residence.
13. Each jar exhibited must be labeled with a uniform label placed 1" from the base of the jar. The label must not cover the brand name of jar. Label may be made using an adhesive mailing label. The label must not cover brand name of jar. The label must list Class Number, Division, Product, Canning Method, Process Time, Pressure (psi), Date (month and year) Processed and Name. Label templates may be found at <http://www.kansas4h.org/p.aspx?tabid=46>.
14. A Champion and Reserve Champion exhibit will be selected in Foods and Food Preservation in both the Adult and Junior Divisions. These awards are not based on the number of blue ribbons received.

## **ADULT DIVISIONS**

### **QUICK BREAD**

**890** Nut or Fruit Bread

**891** Muffins

**892** Other Quick Breads

### **YEAST ROLLS/BREADS**

**893** White Bread or Rolls

**894** Whole Wheat Bread or Rolls

**895** Specialty Bread (breads not listed above)

**896** Cinnamon Rolls or Other Sweet Rolls

### **CAKES**

**897** Angel Food, no icing

**898** Chiffon, no icing

**899** Sponge, no icing

- 900 Other Cake, not listed
- 901 Any Layer Cake

#### **COOKIES**

- 902 Bar
- 903 Refrigerated, pressed or rolled
- 904 Drop

#### **PIES**

- 905 Any Fruit Pie

#### **JUNIOR DIVISION (age 16 and under)**

- 906 Snack Mix
- 907 Any Cookie (bar, drop or no-bake)
- 908 Any Muffin
- 909 Any Biscuit
- 910 Any Layer Cake
- 911 Any Yeast Bread or Roll
- 912 Any Quick Bread
- 913 Any Pie

#### **FOOD PRESERVATION**

##### **ADULT DIVISION**

- 914 Sweet Spreads (Fruit and/or Vegetables), Syrups – 1 jar
- 915 Fruits, Juices, Fruit Mixtures (Salsa, Pie Filling, etc.) – 1 jar
- 916 Low Acid Vegetable (green beans, corn, etc. or vegetable mixtures) – 1 jar
- 917 Pickles (Fruit or Vegetables) Fermented Foods and Relishes and Chutney – 1 jar
- 918 Tomato/Tomato Products Tomato Juice and Tomato Salsa – 1 jar
- 919 Meats – 1 jar
- 920 Dried Foods: One kind of dried food product exhibited in a small canning jar. 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 cooked to an internal temperature of 160° F before or after drying. Dried products must include the recipe and preparation steps. Jerky not heated to an internal temperature of 160° F will be disqualified and not be judged. Heating information can be found at Dry Meat Safely at Home  
<http://www.ksre.edu/bookstore/pubs/MF3173.pdf>.

##### **JUNIOR DIVISION (age 16 and under)**

- 921 Sweet Spreads (Fruit and/or Vegetables), Syrups – 1 jar
- 922 Fruits, Juices, Fruit Mixtures (Salsa, Pie Fillings, etc.) – 1 jar
- 923 Low Acid Vegetable (green beans, corn, etc. or vegetable mixtures) – 1 jar
- 924 Pickles (Fruit or Vegetable) Fermented Foods and Relishes and Chutney – 1 jar
- 925 Tomato/Tomato Products, Tomato Juice and Tomato Salsas – 1 jar
- 926 Meats – 1 jar
- 927 Dried Foods: One kind of dried food product exhibited in a small canning jar. 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 cooked to an internal temperature of 160° F before or after drying. Dried products must include the recipe and preparation steps. Jerky not heated to an internal temperature of 160° F will be disqualified and not be judged. Heating information can be found at Dry Meat Safely at Home <http://www.ksre.edu/bookstore/pubs/MF3173.pdf>.

**Ribbon Awards:** Champion, Reserve Champion, Blue, Red and White

**Premium Awards:** Blue \$2.00   Red \$1.00   White \$0.75

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### **DIVISION: OPEN CLASS PHOTOGRAPHY**

**Superintendent:** Debbie Dunn and Traci Pearce

**Entry Time:** Wednesday, July 19, 10:00 a.m. – Noon

**Judging Time:** Thursday, July 20, 9:00 a.m.

**Release Time:** Saturday, July 22, 5:30 p.m. - 7:00 p.m.

**Special Awards can be picked up at Exhibit Release Time on Saturday:**

**Best Human Interest Photo** – Plaque, sponsored by Dr. Steven L. Thompson

**Best Use of Natural Light** – Plaque, sponsored by Dr. Steven L. Thompson

**Best Photo Taken in Franklin County - Junior Division** – \$5.00, sponsored by Juanita Sleichter

**Best Nature Photo** – Plaque, sponsored by Marty Piotrowsky

**Best Photo Taken in Franklin County - Adult Division** – \$5.00, sponsored by Juanita Sleichter

**All photos are required to be in a photo bag for judging and displaying. Photo bags and matte boards are available to purchase at the Extension Office.**

1. Exhibitors are limited to one entry per class.
2. To prevent dust and moisture, place mounted photo in a protective plastic bag. Matte boards and protective plastic bags can be purchased at the Extension Office.
3. Entries must not have been produced prior to last year's county fair.
4. All photos must be no larger than 8" x 10" and no smaller than 7" x 9" after trimming.
5. Photos are to be mounted across the narrow (11") dimension of an 11" x 12 ½" sheet of white or cream studio matte board. Do NOT use foam core board or poster board. Photos mounted on poster board or foam core board will not be displayed.
6. Photos must be mounted with the top edge of the print 1" below the top of the mount. The sides of the print must be equal distance from the two sides of the mount.
7. Improperly mounted photos, oversized or undersized photos or photos with the white borders not removed or lettering (including dates) on the photo, will be awarded one ribbon placing lower than determined by the official judge.
8. 4-H members may exhibit in open class; however, entries must be different prints than those exhibited in 4-H Division.
9. No lettering, including dates, is permitted on the front of the mount or on the photo. No underlay or borders are to be used.
10. Exhibitor's name should not be visible on the front of the exhibit. On the back of the mount, write: exhibitor's name, address, photo class and the location where the photo was taken.

11. 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 to explain and promote the class.
12. Any exhibitor removing exhibits prior to release time will forfeit all premium money.
13. Entries not complying with class rules will be dropped a ribbon placing.
14. An Overall Champion and Reserve Champion Photo will be selected in both the Adult and Junior Division.

### **ADULT DIVISION**

- 930** Portrait
- 931** Human Interest (something of interest to a human)
- 932** Animal(s)
- 933** Nature
- 934** Landscape or Scenery
- 935** Horticulture (plants, flowers, etc.)
- 936** Action
- 937** Special Effects (on the back of the mount explain what manipulation was done)
- 938** Black and White
- 939** Natural Light (best use of natural light)
- 940** Digital Imaging Print (entry must include original(s) and digital enhancement steps on the back of the mount)
- 941** Franklin County Photo – on the back of the mount write the exact location (address) where the photo was taken

### **JUNIOR DIVISION –AGE 16 AND UNDER**

- 942** Portrait
- 943** Human Interest (something of interest to a human)
- 944** Animal(s)
- 945** Nature
- 946** Landscape or Scenery
- 947** Horticulture (plants, flowers, etc.)
- 948** Action
- 949** Special Effects (on the back of the mount explain what manipulation was done)
- 950** Black and White
- 951** Natural Light (best use of natural light)
- 952** Picture or sequence story – consists of 3 or 5 enlargements or snapshots
- 953** Composite – 3 or 5 pictures using at least 3 of the above categories (classes)
- 954** Digital Imaging Print (entry must include original(s) and digital enhancement steps on the back of the mount)
- 955** Franklin County Photo – on the back of the mount write the exact location (address) where the photo was taken

**Ribbon Awards:** Champion, Reserve Champion, Blue, Red and White

**Premium Awards:** Blue \$1.00    Red \$0.75    White \$0.50