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RILEY COUNTY FAIR BOARD MEMBERS

District I	District II	District III
Mark Fritzson	Danielle Anderson, Chair	Joyce Graham, Sec
Marvin Haller	Lance Sharp	Pam Nelssen
Gavin Hargrave	Josh Wendland, Vice	Eva Peterson
David Shipman	Brenda Jordan	Sharon Dobesh-Beckman

RILEY COUNTY BOARD OF COMMISSIONERS

Marvin Rodriguez	Ben Wilson	Ron Wells, Chair
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RILEY COUNTY EXTENSION COUNCIL

EXECUTIVE BOARD MEMBERS

Doug Jardine; Chair	Rod Harms, VP	Erin Bishop
Andrea DeJesus	Kristin Holt, Sec	Meghan Loverude
Cindy Donohoue, Treas	Tamie Redding	Bruce Kaump

RILEY COUNTY EXTENSION STAFF

Jennifer Wilson County Extension Director
 John Jobe Extension Agent, 4-H
 Ginny Barnard..... Extension Agent, FCS
 Greg McClure Extension Agent, Agriculture
 Gregg Eyestone Extension Agent, Horticulture
 Lynne BerryAdministrative Assistant
 Sharon Bairow-Riffey..... Office Professional, FCS
 Brandy Berg.....Program Assistant, 4-H

RILEY COUNTY 4-H AMBASSADORS

Jacob Clanton	Brittni Winter	Georgia Hatesohl
Michael Wright	Riley Taylor	Jonathan Hoepner
Tyler Beckman		Chessa Parker

RILEY COUNTY 4-H ORGANIZATIONS

Community Clubs

Ashland Boosters	Leonardville Hustlers	Strong-Satellites
Bonfire	Pillsbury	Verde Clovers
CiCo Shamrocks	Randolph Ramblers	Wildcat
College Hill	Riley Rascals	Zeandale

Project Clubs

Kennel Club	Horse Club	Straight-Shooters Club
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PROGRAM FOR RILEY COUNTY FAIR ACTIVITIES

TUESDAY, JUNE 6

Pre-entry due for 4-H Dogs-Only

SATURDAY, JUNE 24

8:30 a.m. Enter Dog Exhibits
9:00 a.m. 4-H Dog Agility Competition & Rally O

SATURDAY, JULY 1

Pre-entry due

SATURDAY, JULY 8

8:30 a.m. Enter Dog Exhibits
9:00 a.m. 4-H Dog Showmanship & Obedience Competition

THURSDAY, July 20

8:30 a.m. Clothing Construction, Fashion Revue Judging & Make It With Wool
7:00 p.m. Public Fashion Revue -- Judging and Revue at TBA

SATURDAY, JULY 22

8:00–8:30 a.m. Enter 4-H Horse Exhibits
8:30 a.m. Judge 4-H Horse Exhibits

MONDAY, JULY 24

5:30 p.m. Work Night at Fairgrounds, beginning with dept chairs
and assistants meeting on the patio
5:30 - 7:00 p.m. Enter 4-H Banners; **No Late Banners Accepted**
5:30 - 7:00 p.m. **Enter all Woodworking projects larger than
36 inches in either length, width or depth.**

TUESDAY, JULY 25

6:00 p.m. Enter and Judge 4-H and Cloverbud Pets
According to club schedule (release upon completion of judging)

WEDNESDAY, July 26

2:00–6:00 p.m. Enter and Judge 4-H and Cloverbud Foods/Nutrition Exhibits
3:00–6:00 p.m. Enter and Judge Open Class Food Preservation Exhibits
3:00–6:00 p.m. Enter and Judge Open Class Decorated Cake Exhibits
3:00–6:00 p.m. Enter and Judge 4-H Food Preservation Exhibits
3:00–6:00 p.m. Enter and Judge 4-H Decorated Cake Exhibits
4:00–7:00 p.m. 4-H Bake Sale
5:00- 7:00 p.m. Enter Open Class Building Creations

THURSDAY, JULY 27

8:00 a.m. Pottorf Hall Opens
8:00 a.m. 4-H Bake Sale (Continued)
8:00 a.m. Enter and Judge 4-H Arts, Fiber Arts and Photography
8:00 - Noon Enter all 4-H Exhibits in Pottorf Hall
8:00 – Noon Enter and Judge all Cloverbud Exhibits
8:00 - Noon Enter Open Class Garden & Crops, Honey, Flowers & Plants Exhibits
9:00 - Noon Enter and Judge Geology Exhibits
10:00 - Noon Enter and Judge Forestry Exhibits
1:00 p.m. Judge 4-H & Open Garden & Crops, Honey, Flowers & Plants Exhibits
1:00 p.m. Judge Entomology, and Energy Management

1:30 p.m. Judge FFA Machinery Exhibits
 5:30 p.m. Line up for Fair Parade – West parking lot by Dillards at the mall
 6:00 p.m. Parade
 6:00 -11:00 p.m. Carnival – Ottaway Amusement Company
 7:00 -10:00 p.m. Accept 4-H Rabbit & Poultry exhibits **(all entries must be entered during this time)**
 7:30 p.m. Pedal Tractor Pull
 8:00 p.m. Kaw Valley Rodeo, Kids Night
 10:00 p.m. Pottorf Hall Closes

FRIDAY, JULY 28

8:00 - 11:00 a.m. Accept all 4-H Livestock
 (No exhibits can be unloaded before 8:00 a.m.)
 Weigh and identify sheep, swine, goats and beef
 8:00 a.m. Pottorf Hall Opens
 8:30 a.m. Judge Woodworking
 9:00 a.m. Judge 4-H Building Creations, Miscellaneous & Wildlife
 9:00 a.m. Judge 4-H Home Environment
 Noon Shepherd's Lead pre-entry **due to fair office**
 1:00 p.m. Livestock Exhibitor Meeting, Hurlburt Hall
 1:00 p.m. Judge Space Tech Exhibits
 3:00 p.m. Judge Poultry Exhibits
 5:00 - 7:00 p.m. Blue Valley Pork Producers Barbecue
 5:00 - 8:00 p.m. Enter Open Class, Arts & Clothing, Photography
 6:00 p.m. Carnival - Ottaway Amusement Company – Wristband
 7:00 p.m. Judge Open Class Photography
 7:00 p.m. Judge Shepherd's Lead and Sheep Exhibits
 7:00 p.m. Kaw Valley Special Rodeo
 8:00 p.m. Kaw Valley Rodeo
 10:00 p.m. Pottorf Hall Closes

SATURDAY, JULY 29

8:00 a.m. Pottorf Hall Opens
 8:00 a.m. Judge Dairy Exhibits
 8:00 a.m. Judge Open Arts Class Exhibits in Pottorf Hall
 8:00 a.m. Judge Rabbit Exhibits
 8:30 a.m. Judge Bucket Calf Exhibits
 10:00 a.m. Judge Dairy Goat Exhibits
 10:00 - 11:00 a.m. Enter and Judge Open Foods
 10:00 a.m. - Noon Horticultural Judging Contest
 Noon Judging of Meat Goat exhibits
 1:00 - 2:30 p.m. Photography Judging Contest
 4:00 – 5:00 p.m. Riley County 4-H Kennel Club Exhibition
 6:00 - 11:00 p.m. Carnival – Ottaway Amusement Company-Wristband
 7:00 p.m. Judge Swine Exhibits
 8:00 p.m. Kaw Valley Rodeo
 10:00 p.m. Pottorf Hall Closes

SUNDAY, JULY 30

10:00 a.m. Pottorf Hall Opens
 12:45 p.m. Register for 4-H Livestock Judging Contest
 1:00 p.m. 4-H Livestock Judging Contest
 1:00 p.m. Apple Pie Baking Contest, Pottorf Hall
 3:00 p.m. Poultry Judging Contest
 3:00 p.m. Fair Olympics – Southside Pottorf Hall
 6:00 - 11:00 p.m. Carnival – Ottaway Amusement Company-Wristband
 6:30 p.m. Judge Beef Exhibits
 10:00 p.m. Pottorf Hall Closes

MONDAY, JULY 31

7:00 - 9:30 a.m.	Non-sale livestock released
8:00 a.m.	Pottorf Hall Opens
9:30 a.m.	Swine Round Robin starts
10:00 a.m.	Round Robin Jr, Intermediate & Sr. Showmanship Contest
5:00 p.m.	Release Exhibits
6:00 - 10:00 p.m.	Carnival – Ottaway Amusement Company-Wristband
6:45 p.m.	Food Champion Auction
7:00 p.m.	4-H Livestock Sale
7:00 p.m.	Pottorf Hall Closed to General Public

TUESDAY, AUG 1

9:00 a.m.	Clean up Fairgrounds
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**Riley County Fair 2018- Tentatively July 26 – July 30*

4-H CLUB DEPARTMENT GENERAL REGULATIONS

1. 4-H members are responsible for knowing and abiding by the fair rules published in this fair book. Rule violations will be dealt with on a case by case basis by the Fair Board.
2. The Riley County Fair Board, through its management, makes all rules and regulations and reserves the final and absolute right to interpret these rules and regulations.
3. A fair pre-entry deadline has been established for **Saturday, July 1**; Pre-fair entries will be collected on-line at our website www.riley.ksu.edu and click on **Fair Pre-entry** if exhibitors are unable to access the online system from home, they may access it from the Extension office. Pre-entries for the following areas MUST be completed by the above stated date: Beef, Bucket Calf, Clothing, Dairy, Fashion Revue, Goat, Horse, Poultry, Rabbit, Sheep, Swine, Open Class Make it with Wool. **Entries received after July 1, but by 5:00 pm July 10, will be accepted if accompanied by a \$10.00 per exhibit late fee (payable to the Riley County 4-H Foundation). The late entry policy does not apply to clothing and fashion revue.**

Fair Pre-entry for Dog exhibitors will be June 6. Entries will be collected on-line at our website www.riley.ksu.edu and click on **Fair Pre-entry**.

Fair pre-entry by July 1 will also be needed for **Home Environment Projects** that will need a larger space to accommodate during the fair and Pre-entry will be needed for the items being shown in the **Miscellaneous Division – Other** for projects that will need a larger space for exhibit also.

4. Any exhibitor not complying with the Riley County Fair rules, regulations and requirements may be denied entry and/or participation.
5. Disputes should first be brought to the attention of the appropriate department head and extension staff. After receiving a decision from the department chair or staff member, any further dispute must be made in writing, using the form available at the Riley County Fair office. To receive a ruling from the fair board, the dispute form must be accompanied by a \$250 fee (cash or certified check made payable to "4-H Council"). The fee will be forfeited if the fair board is not able to substantiate the complaint.
6. 4-H members may NOT stay overnight in or around the fair buildings or facilities. They may stay in campers or trailers. 4-H'ers is the responsibility of their parents.
7. Exhibitors must be Riley County 4-H Club members and be enrolled by May 1, 2017, in the project in which they are exhibiting.
8. All participants shall be 4-H members who have passed their 7th birthday, by January 1, 2017 and have not passed their 19th birthday on January 1, 2017. Eligibility should be checked by leaders. Age must be stated on entry card.

9. Unless otherwise stated, Junior Division age will be 13 and under as of January 1, 2017, and Senior Division age will be 14 and over as of January 1, 2017.
10. All exhibits must be entered and in the assigned place, by the time indicated in the fair schedule, and exhibit, must remain on display until the scheduled release time.
11. All entry cards must be filled out and firmly attached to the exhibit. The 4-H'er's name and exhibit number should be clearly legible.
12. All members exhibiting animals must accompany and show their exhibits, and provide a suitable means of caring for them, at all times during the fair. Members must furnish their own feed and equipment for animals.
13. In case an exhibitor has two animal entries in the same class, another Riley County 4-H member may assist with one entry, provided this meets with the approval of the Department Chair.
14. Each member will be responsible for cleaning up their pen or stall after the removal of animals. Failure to do so means forfeiture of premium.
15. No commercial advertising is permitted in connection with 4-H exhibits or animals.
16. Animals shown in market classes are not eligible to be shown in breeding classes and vice versa.
17. All livestock must be housed in Riley or adjacent counties during the project year and be cared for by the 4-H'er.
18. Entries in all classes will be placed in purple, blue, red, or white ribbon groups according to the department and quality of the exhibit (rainbow ribbon for participation).
19. Money has been provided in each ribbon group for each class, with the exception of judging contests, showmanship, fashion revue and the participation ribbon groups.
20. Purple ribbon winners will be eligible for show at the Kansas State Fair (except for livestock which must be blue ribbon quality) if classes are available and exhibitor meets show and/or age requirements. Only six visual arts exhibits will be selected for state fair.
21. All exhibits on the fairgrounds will be under the control of the fair management. While every precaution will be taken for their safekeeping, neither the management, neither its officers, nor the extension office personnel will be responsible for any loss, damage or accidents that may occur.
22. After the exhibit release time, all exhibits are to be claimed by the exhibitors or by parties representing the exhibitors. Those in charge assume no responsibility for exhibits left on the fairgrounds after the close of the fair.
23. All exhibits entered should be the product of the 4-H work done in the present club year. (October 1, 2016 – September 30, 2017)
24. Projects made in school should not be exhibited unless the following requirements are met: (1) 4-H'er must have planned ahead of time to correlate 4-H and school project work; (2) The 4-H project must have similar suggested learning experiences and/or requirements as the school class; (3) 4-H'er must be enrolled in the project before article is made in school class.
25. All 4-H members will be assigned an exhibitor number. This number and class number must appear on the entry cards. All exhibits except livestock and fashion revue need an entry card.
26. All 4-H'ers exhibiting in Pottorf Hall and their parents and leaders will have the opportunity to meet with the judge while entries are being judged. The purpose of interview judging is to enhance the educational experience for 4-H'ers. Participation is optional and ribbon placing is not affected by non-participation. Judges will talk to the 4-H'er. The leader and parent are requested to be silent observers and may ask questions at the conclusion of the interview. Any 4-H'er who does not participate in interview judging must enter his/her items by the time stated in the fair book section.
27. Department Chairs in charge have the right to refuse late entries or place participation ribbons on exhibits.
28. 4-H exhibitors (individual or group) should avoid using copyrighted materials, whenever possible, by originating his/her own work. A 4-H member or group 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. 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 having a disclaimer that the conclusions are those of the 4-H participant and not those of K-State Research and Extension. The use and inclusion of specific brand names for educational purposes does not imply endorsement or refusal by the Riley County Extension Council, K- State Research and Extension, or the State of Kansas.

RILEY COUNTY 4-H FAIR ANIMAL HEALTH REQUIREMENTS

GENERAL REQUIREMENTS

All animals are subject to examination by the attending veterinarians and shall be free of clinical signs of infectious or contagious disease. Health certificates are not required. The attending veterinarians shall have the authority to accept or reject any animal. Any animal that develops any disease symptoms while at the fair shall be isolated immediately, examined and treated by a veterinarian and may be sent home upon the discretion of the veterinarian. Appropriate measures shall be taken by the veterinarian to insure the health and well-being of the other exposed animals in regard to disinfecting, vaccination, isolation, quarantine, treatment, and preventative medicine.

Cattle - No tests are required. Cattle determined by the attending veterinarians to have active lesions of ringworm, multiple warts or infestation with mange will not be permitted to be exhibited.

Swine- Swine must meet the general requirements.

Sheep- In addition to the general requirement:

- * Sheep must be free of any signs of "sore mouth."
- * Sheep must be free of signs of active fungal (ringworm) infection, including club lamb fungus.
- * All sheep must be identified with an official USDA premise ID tag.

Goats- In addition to the general requirement:

- * Goats must be free of any signs of sore mouth, lesions of ringworm, warts or infested with mange.
- *All goats must be identified with a registered tattoo or an official USDA premise ID tag.

Horses- Horses shall meet the general requirements. A negative coggins test within 12 months for equine infectious anemia should be considered, but it is not required. Vaccination for West Nile Virus is recommended.

Poultry- All poultry, except waterfowl and pigeons, must be shown to be pullorum-typhoid clean at time of entry by one of the following methods:

1. Originate from a U.S. Pullorum-typhoid clean flock as evidence by an official VS Form 9-3 certifying that all birds in the flock over 4 months of age have had a negative test for pullorum-typhoid within the past year.
2. Present evidence that the entries were purchased from a U.S. Pullorum-Typhoid clean source and have been the only poultry on the premises.
3. Present an official VS Form 9-2 signed by an official blood testing agent showing that the entries have had a negative Pullorum-Typhoid test.
4. If an official tester is on site at the county fair, entries may be tested at the time of entry. A VS 9-2 Form must be completed for each entry. If any birds in an entry test positive for pullorum – typhoid, the entire entry as well as all other birds from the same premises will be refused.

All other animals- Department Chair is responsible for examining animals as they arrive. Questionable exhibits should be examined by the attending veterinarian.

ANIMAL WELL-BEING POLICY STATEMENT

The Riley County Fair Board and Riley County 4-H program strongly support positive animal care and strongly oppose animal abuse. 4-H is also dedicated to the mission of developing youth and volunteers in learning by doing programs. 4-H livestock projects teach the five life skills that 4-H emphasizes in all programs. These include building a positive self-concept, developing an inquiring mind, learning to make decisions, relating to others, and developing a concern for the community.

It is with this philosophy in mind that all aspects of 4-H animal management practices, environmental control, facilities and equipment, and health care be shown by the 4-H member and family in the care and exhibiting of their animals. All animal exhibitors, including dog and pet exhibitors, are required to acknowledge *The Riley County Animal Exhibitor Code of Practice* on their pre-entry. If this is not turned in, the 4-H member will not be allowed to exhibit.

ANIMAL TESTING AND EXAMINATION

The Riley County Fair board reserves the right to have a blood, urine, and/or tissue laboratory analysis conducted on any animal entered in competition. If any analysis shows the presence of any amount of a diuretic, unapproved or illegal medications, or a legal medication not meeting the withdrawal time as of the animal check-in date of the show, the exhibitor of the animal will forfeit all prizes and premiums, and will be barred from future competition at the Riley County Fair.

4-H LIVESTOCK SALE POLICY

Bidding Policy: All animals going through the ring will be sold on a premium basis (dollars premium). Premium buyers have the option to pay just the premium or to also purchase the animal for home consumption. Buyers purchasing animals for home consumption will pay the premium amount bid, plus the value of the animal (base price/floor price).

Payment Procedure: The 4-H member is responsible for collecting his/her premium from the buyer, and presenting the buyer with a 4-H Livestock Buyer ribbon. If the premium buyer also purchases the animal for home consumption, the 4-H member collect both the premium and the base/floor price. The 4-H member will begin collecting premiums one to two weeks after the sale.

Sale Limits: Premium limits will apply. The Grand Champion will establish the top premium in each specie. The Reserve Champion may not sell higher than the Grand Champion. Blue ribbon animals may not sell higher than the reserve Champion. Red ribbon animals may not sell higher than the average of the blues, and white ribbon animals may not sell higher than the average of the reds.

Terminal Sale: This is a terminal sale for beef, sheep, swine, and goats. Animals going through the sale ring must either be turned back to the floor buyer or used for home consumption by either the buyer or the seller. In all instances for animals going through the premium sale, the premium buyer has the first right to purchase the animal for home consumption. With the exception of rabbits and poultry, animals may not be taken home by either the buyer or the seller. Rabbits and poultry may be returned to the seller, but cannot be exhibited again at any 4-H show.

1. All 4-H Members are encouraged to contact buyers for the 4-H livestock sale.
2. Swine exhibitors are encouraged to attempt to market hogs for home consumption. Hogs will be sold locally and processed at local processing plants instead of being sold to a single buyer and shipped to a larger plant. Therefore, exhibitors are encouraged to market their own animals or keep them for home consumption, with the understanding that the **premium buyer always has the first right to purchase the animal** for home consumption.
3. Beef, sheep, and goat exhibitors may also market their animals for home consumption, or may keep their premium sale animal for personal consumption.
4. Sale committee will assign ring people for the sale. No other persons will be allowed in the sale ring.
5. Sale of animals going through the ring is final, the animals are ineligible for exhibit at

- any future show.
6. Fair Department Chairs will determine sale order, according to guidelines established by the fair board.
 7. Exhibitors must complete an Animal Destination Form for all animals entering the fairgrounds. This includes premium sale animals, animals being taken home and animals sold for home consumption.
 8. No 4-H member may sell more than one item in the 4-H premium sale.
 9. Exhibitors must accompany their sale item and must be present at the auction to participate in the Premium Auction. Exhibitors must sell at their assigned time as set forth in the sale program.
 10. Sale Minimum Weights: Market steers and market heifers must weigh 1,000 pounds or more to sell in the premium auction. Market hogs must weigh at least 200 pounds. Market lambs must weigh at least 90 pounds, and Market goats must weigh at least 40 pounds.
 11. Sale order will rotate by species each year with the species selling first in the preceding year's sale to be sold last in the current year's sale. 2017: Poultry, Rabbit, Beef, Goat, Swine and Sheep. Baked goods will sell before the start of the livestock premium sale each year.
 12. Swine, beef, goats and sheep sold in the premium sale cannot be returned to the 4-H member. This a terminal sale.
 13. Sale invoices will be sent from the Extension Office.

CLUB HERDSMAN
Beef, Dairy, Sheep, Swine, Goats,
Poultry and Rabbit

4-H Exhibitors are expected to keep their pens, tack stalls, alleyways, and wash rack facilities neat and clean throughout the fair, presenting the best possible display for the public. The fair board will individually reward members who perform these tasks well.

ROUND ROBIN SHOWMANSHIP CONTEST
 Department Chairs: David Shipman, Brenda Jordan
Judging: Monday, July 31; 9:30 Swine contest
10:00 all other species

Champion and Reserve Showmen or their blue ribbon alternate in Beef, Dairy, Meat Goat, Dairy Goat, Horse, Sheep, and Swine departments are eligible. Each department must have at least three (3) eligible exhibitors to participate in the Round Robin Contest. 4-H members must show own livestock in these classes. If a 4-H member wins in more than one department, he/she must choose which area to represent. An alternate will be selected by Department Chair to fill the vacancy. Junior (7-9), Intermediate (10-13) and Senior (14-18) grand and reserve grand champions will be awarded.

LIVESTOCK JUDGING CONTEST
 Department Chairs: Bernard Irvine

CONTEST: Sunday, July 30; 1:00 p.m.

REGISTRATION: Sunday, July 30; 12:45 p.m.

LOCATION: Hurlburt Show Arena

1. All 4-H members are eligible to participate.
2. There will be a senior and junior division.
 Junior Division: 13 and under as of January 1, 2017
 Senior Division: 14 and over as of January 1, 2017
3. Senior division contestants competing for a position on Riley County's State Livestock judging team are expected to give oral reasons.
4. Reasons are optional for other contestants, but will count toward total scores.
5. Awards are for Riley County participants only.
6. Livestock Department Chairs will assist in the selection of classes.

LIVESTOCK DEPARTMENT
Special Rules

1. Read General Regulations and health regulations.
2. Market livestock exhibitors (beef, sheep, swine, and goat) are required to attend a Livestock Quality Assurance training prior to County Fair.
3. Market livestock (beef, sheep, swine and goat) will be ranked to 5 placings – Grand Champion, Reserve, 3rd, 4th and 5th. Only the top two blue ribbon animals in each market class will be eligible to show for the top 5 ranking
4. Sheep, Swine, Goat and Bucket Calf projects must be owned by 4-H members for 90 days to be eligible for showing. Beef projects must be owned by 4-H members for 140 days to be eligible for showing. Leaders are responsible for confirming project eligibility.
5. Household nominations will be allowed for all market animals, and for breeding gilts (all animals that require nomination for the county fair). Youth who legally reside in the same household and share the same legal address may nominate as a household and declare who will show which animal when checking in at the fair.
6. The beef show will be a no fit show. No fit is defined as using no adhesive, glue, paint or powder products. Hoof painting is NOT allowed.
7. No adult other than immediate family or a *Riley county project leader for that specie* may assist with the fitting or grooming of any animal after arriving at the fairgrounds. Forfeiture of premiums and exclusion from the sale will result from infraction of this rule. *Riley County* junior leaders and other *Riley County* 4-H members may be allowed to assist.
8. Each exhibitor may exhibit only one animal per species in showmanship (no cow-calf pairs).
9. Animals shown in showmanship classes must have been entered in an animal evaluation class in their respective department.
10. An animal may receive premium money only once.
11. All beef and dairy animals must be kept in the stall or tie-stall area. Blocking chutes must be kept in the outside tie-stall area (inside the fenced-in area). No animals are to be tied on east Casement asphalt walk-way.
12. Cattle being fed in the fitting areas beside the barns must be tied back in the barns by 6:30 p.m. each evening.
13. Cattle may go to the tie out area at 8:30 p.m. and must be out of tie-out area by 9:30 a.m.
14. Straw will not be permitted as bedding in the barns. Wood shavings will be provided in limited quantity.
15. All livestock must be housed in Riley or adjacent counties during the project year and cared for by the 4-H member.
16. The use of certain products for grooming and showing animals may not, in normal use, be illegal, but public perception of the use of those products on animals may be offensive. Avoid using products that the public may question.
17. No icing down of lambs, hogs, or cattle is permitted. Any means other than non-cooled tap water is prohibited.
18. **All animals entered may be used in the livestock judging contest.**
19. Non-sale livestock early release Monday, July 31; 7:00–9:30 a.m. (mandatory for swine). All non sale livestock may be removed at this time or after the livestock sale.
20. No intact males or cryptorchids will be allowed to show in the market animal classes.
21. *A livestock exhibitors meeting will be held at 1:00 p.m. on Friday, July 28 in Hurlburt Hall. Show rules will be reviewed and questions answered at this time. All livestock exhibitors should attend.*

DEPARTMENT 1—BEEF

Department Co-Chairs: Quinton Huncovsky, Keith Goslin
Assistants: Brenda Jordan, David Shipman, Vaughn Powell
Jr. Assistant: Jessi Winter

PRE-REGISTRATION: Due July 1

ENTRY: Friday, July 28; 8:00–11:00 a.m.

JUDGING: Sunday, July 30; 6:30 p.m.

SHOW ORDER: Heifers, Market Beef

RELEASE TIME: Monday, July 31; 7:00–9:30 a.m. or after the livestock sale

SECTION A—BEEF FEMALES

1. Read livestock department special rules, general regulations and health regulations.
2. Members may show up to three animals.
3. Breeding classes will be divided according to age and breed.
4. Registration papers are required in order to show in breed classes. All registered heifers (and cows) must have original registration papers in the sole name(s) of the exhibitor prior to June 15 of the current year. Original registration papers are to be presented at check-in.
5. Judge can request birth date of animal during show.
6. Champion and reserve champion will be awarded for each breed.
7. A Supreme Champion and Supreme Reserve Champion Heifer over all breeds will be selected.
8. Cow-calf pairs will not compete for the Supreme Champion Heifer Award.

Breeds to be considered for the breeding classes are: Angus, Brangus, Charolais, Charolais Percentage, Chianina, Hereford, Limousin, Lim-Flex, Gelviah, Maine Anjou, Maintainer, Red Angus, Shorthorn, Shorthorn Plus, Simmental, Simmental Percentage, AOB, and Commercial

Class 110 Heifers
Class 111 Cows – Calf pairs

Classes will be determined on the following:

Fall heifers born 9/1/16 to 12/31/16

Summer yearling heifers born 5/1/16 to 8/31/16

Junior yearling heifers born 1/1/16 to 4/30/16

Senior yearling heifers born 9/1/15 to 12/31/15

Cow and calf

SECTION B—MARKET BEEF

1. Read livestock department special rules, general regulations and health regulations.
2. All animals must be identified with an official 4-H ear tag before March 1.
3. Members may show up to three animals which can be a combination between market dairy-beef, market beef steers, and market heifers.
4. Animals will be shown by weight. All animals will be weighed at the Fairgrounds.
5. The weight divisions in each class will be determined by the Department Chair.
6. Animals must have been born after January 1, 2016.
7. *Animals weighing less than 1,000 pounds will be shown in a light weight class and will not be eligible to compete for champion and reserve champion.*
8. Top two blue ribbon animals in each class will compete for top 5 ranking – Grand Champion and Reserve, 3rd, 4th, and 5th.
9. Animals shown in the dairy-beef class must have been sired by a dairy breed.
10. Grand Champion, Reserve, 3rd, 4th, and 5th will be selected for market beef. No special awards will be given to 3rd, 4th and 5th.
11. Steers going to a processing plant will be entered in the carcass contest provided all arrangements can be achieved.

Class 189Market Steers
Class 190 Market Dairy-Beef Steers
Class 191Market Heifers

SECTION C—SHOWMANSHIP

1. 4-H member must show own animal.
2. Champion and reserve champion or blue ribbon alternate will compete in Round Robin Showmanship.
3. Classes will be divided by age to accommodate show ring size.
4. Junior, Intermediate, and senior champions and reserve champions will be awarded.

Junior Showmanship (Age 7-9), Intermediate Showmanship (Age 10-13)
 Senior Showmanship (Age 14 and over)

DEPARTMENT 2—BUCKET CALF

Department Chair: Jessica Boeckman
 Assistant Chair: Dani Anderson

PRE-REGISTRATION: Due July 1

ENTRY: Friday, July 28; 8:00–11:00 a.m.

INTERVIEW JUDGING: Saturday, July 29; 8:30 a.m.

SHOWMANSHIP: Immediately following Interviews

RELEASE TIME: Monday, July 31; 7:00–9:30 a.m. or after the livestock sale

1. Read livestock department special rules, general regulations and health regulations.
2. Members may exhibit only one animal.
3. Calf is to be born between January 1 and May 1.
4. Calf may be male or female; dairy, beef or cross; fed on bucket or bottle.
5. Tag calf with official 4-H ear tag before May 15.
6. 4-H'ers must be enrolled in *Beef, Bucket Calf* and may be no older than 12 years of age on January 1 of the current year.
7. All contestants will participate in interview judging and bucket calf showmanship. Bucket calf exhibitors may not participate in beef showmanship.
8. Quality of calf will not be considered in judging and no special clipping or grooming required.

SECTION A—BUCKET CALF

Class 201 4-Hers age 7 to 9
 Class 202 4-Hers age 10 to 12
 Class 203 Showmanship

DEPARTMENT 3—DAIRY

Department Co-Chairs: Allen & Lila Featherstone

PRE-REGISTRATION: Due July 1

ENTRY: Friday, July 28; 8:00–11:00 a.m.

JUDGING: Saturday, July 29; 8:00 a.m.

RELEASE TIME: Monday, July 31; 7:00–9:30 a.m. or after the livestock sale

1. Read livestock department special rules, general regulations and health requirements.
2. Entries may be either purebred or grade animals.
3. First and second place blue ribbon animals in each class will be eligible to show for champion and reserve champion dairy animals in the breed class.
4. May exhibit up to three heifers and three cows not to exceed a total of six dairy females. Recognized breeds are Holstein, Jersey, Brown Swiss and other breeds. On pre-registration form please state breed of animal.
5. All registered heifers and cows must have original registration papers in the sole name(s) of the exhibitor prior to June 15 of the current year. Original registration papers are to be presented at check-in.
6. Department chair will divide classes as necessary.
7. Champion and reserve champion will be awarded for each breed listed and other.
8. A Supreme Champion Female over all breeds will be awarded.

SECTION A—DAIRY FEMALES

FEMALES

- Class 301 Holstein Jr. Calf, born 3/1/17 - 6/30/17
Class 302 Holstein Sr. Calf, born 9/1/16 - 2/28/17
Class 303 Holstein Jr. Yearling, born 3/1/16 - 8/31/16
Class 304 Holstein Sr. Yearling, born 9/1/15 - 2/28/16
Class 305 Holstein Cows born prior to 9/1/15 Exhibits in this class may
be taken home at 4-H'er's discretion after the show.
- Class 310 Jersey Jr. Calf, born 3/1/17 - 6/30/17
Class 311 Jersey Sr. Calf, born 9/1/16 - 2/28/17
Class 312 Jersey Jr. Yearling, born 3/1/16 - 8/31/16
Class 313 Jersey Sr. Yearling, born 9/1/15 - 2/28/16
Class 314 Jersey Cows born prior to 9/1/15 Exhibits in this class may
be taken home at 4-H'er's discretion after the show
- Class 317 Brown Swiss Jr. Calf, born 3/1/17 - 6/30/17
Class 318 Brown Swiss Sr. Calf, born 9/1/16 - 2/28/17
Class 319 Brown Swiss Jr. Yearling, born 3/1/16 - 8/31/16
Class 320 Brown Swiss Sr. Yearling, born 9/1/15 - 2/28/16
Class 321 Brown Swiss Cows born prior to 9/1/15 Exhibits in this class may
be taken home at 4-H'er's discretion after the show
- Class 324 Other Breeds Jr. Calf, born 3/1/17 - 6/30/17
Class 325 Other Breeds Sr. Calf, born 9/1/16 - 2/28/17
Class 326 Other Breeds Jr. Yearling, born 3/1/16 - 8/31/16
Class 327 Other Breeds Sr. Yearling, born 9/1/15 - 2/28/16
Class 328 Other Breeds Cows born prior to 9/1/15 Exhibits in this class may
be taken home at 4-H'er's discretion after the show

SECTION B—SHOWMANSHIP

1. 4-H'ers must show own animals.
2. Champion and reserve or blue ribbon alternate will compete in Round Robin Showmanship.
3. Classes will be divided by age to accommodate show ring size.
4. Junior, Intermediate and Senior champions and reserve champions will be awarded.
Junior (Age 7-9), Intermediate (10-13) Senior (Age 14 and over)

DEPARTMENT 4—SWINE

Department Chair: Marvin Haller
Assistants: Jason Haller, Josh Wendland, Bruce Kaump
Jr. Assistants: Brittini Winter

PRE-REGISTRATION: Due July 1

ENTRY: Friday, July 28; 8:00-11:00 a.m.

JUDGING: Saturday, July 29; 7:00 p.m.

SHOW ORDER: Breeding Gilts, Market Hogs

RELEASE: Monday, July 31; 7:00-9:30 a.m. (**Mandatory**) except sale animals

1. Read livestock department special rules, general regulations and health regulations.
2. All swine exhibitors must be Pork Quality Assurance (PQA) certified.
3. Only first and second blue ribbon animals in each class will be eligible to show for Grand Champion, Reserve, 3rd, 4th, and 5th in the market class.
4. Market Swine weighing less than 220 pounds will be shown in a light weight class and

- will not be eligible to compete for champion and reserve champion.
5. Members may exhibit up to three market hogs and three breeding gilts.
 6. All swine must be identified with an official 4-H ear tag and notches before May 1.
 7. Market animals will be shown by weight. Classes determined by the co-chairs.
 8. Breeding gilts must have been born after January 1 of the current year.
 9. Breeding gilts will be shown by breed in the following classes: Berkshire, Chester White, Duroc, Hampshire, Poland, Yorkshire, Spot, AOB and crossbred. A champion and reserve champion will be awarded for each breed. A supreme champion and supreme reserve champion gilt will be selected from the champion and reserve champions.
 10. Registration papers are required in order to show in breed classes. All registered gilts must have original registration papers in the sole name(s) of the exhibitor prior to June 15 of the current year. Original registration papers are to be presented at check-in.
 11. Oil-based products and powders (products that may affect carcass quality) are prohibited. Non oil-based products approved for swine may be used.
 12. Grand Champion, Reserve, 3rd, 4th, and 5th will be selected in the market class. No special awards will be given to 3rd, 4th, and 5th.

SECTION A—BREEDING GILTS

Class 401 Breeding Gilts

SECTION B—MARKET HOG

Class 450 Barrows and Gilts

SECTION C—SHOWMANSHIP

1. 4-H member must show own animal.
2. Champion and reserve or blue ribbon alternate will compete in Round Robin Showmanship.
3. Classes will be divided by age to accommodate show ring size.
4. Junior, Intermediate and Senior champions and reserve champions will be awarded.

Junior Showmanship (age 7-9), Intermediate Showmanship (age 10-13)

Senior Showmanship (age 14 and over)

DEPARTMENT 5—SHEEP

Department Chair: Pam Nelssen

Assistants: Bob Mertz

Jr. Assistant: Ethan McPherson, Rachel McPherson

PRE-REGISTRATION: Due July 1

ENTRY: Friday, July 28; 8:00–11:00 a.m.

JUDGING: Friday, July 28; 7:00 p.m.

RELEASE TIME: Monday, July 31; 7:00–9:30 a.m. or after the livestock sale

SHOW ORDER: Breeding Ewes, Market Lambs

1. Read livestock department special rules, general regulations and health regulations.
2. All market lambs must be slick shorn above the knee and hock joints, including the head, before arrival on the grounds. Wool length should not exceed 0.2 inch.
3. Only the first and second blue ribbon animals in each class will be eligible to show for Grand Champion, Reserve, 3rd, 4th, and 5th in the market division.
4. Market lambs weighing less than 90 pounds will be shown in a light weight class and will not be eligible to compete for champion and reserve champion.
5. Members enrolled in the market lamb and/or breeding sheep project may show up to three market lambs and three breeding ewe lambs.
6. Ewe lambs must have been born on or after September 1, 2016. Yearling ewes must

- have been born on or between September 1, 2015 and August 31, 2016.
7. Ewe lambs will be shown by breed in the following classes: Dorset, Hampshire, Montadale, Shropshire, Suffolk, Southdown, AOB, and crossbred.
 8. Registration papers are required in order to show in breed classes. All registered breeding ewes must have original registration papers in the sole name(s) of the exhibitor prior to June 15 of the current year. Original registration papers are to be presented at check-in.
 9. All market lambs must be identified with an official 4-H ear tag before May 1.
 10. All market lambs must be slick shorn with an even length of wool covering from above the hock and knee.
 11. Market lambs will be shown by weight. Classes determined by department co-chairs.
 12. Administration of liquids by means of a drench gun or hose is prohibited from time of entry to completion of the sheep show on Friday night. Thereafter, treatments must be prescribed by an on-site veterinarian. Noncompliance will result in the disqualification of the animal and potentially the 4-H'er in the lamb project.
 13. No icing down of lambs is permitted before and/or during the show. Any means other than non-cooled tap water is prohibited.
 14. No artificial coloring of animals is allowed.
 15. Champion and reserve champion will be awarded for each breed in the breeding section. A supreme champion and supreme reserve champion ewe will be selected from the champion and reserve champions.
 16. Grand Champion, Reserve, 3rd, 4th and 5th will be selected in the market class. No special awards will be given to 3rd, 4th and 5th.

SECTION A—BREEDING EWE

- Class 501 Ewe Lamb
 Class 502 Yearling Lamb

SECTION B—MARKET LAMB

- Class 550 Market Lambs

SECTION C—SHOWMANSHIP

1. Must show own animal.
2. Champion and Reserve or blue ribbon alternate will compete in Round Robin Showmanship.
3. Classes will be divided by age to accommodate show ring size.
4. Junior, Intermediate and Senior champions and reserve champions will be awarded.
 Junior Showmanship (Age 7-9), Intermediate Showmanship (Age 10-13)
 Senior Showmanship (Age 14 & older)

DEPARTMENT 6—HORSE

Department Chairs: Lance and Jada Sharp
 Assistants: Norma Sharp, Sherry Sharp
 Jr. Assistants: Hailey and Cody Sharp

PRE-REGISTRATION: Due July 1

ENTRY: Saturday, July 22; 8:00–8:30 a.m.

JUDGING: Saturday, July 22; 8:30 a.m.

1. Read general regulations and health regulations.
2. A horse ID form must be on file with the Extension Office by May 1.
3. Stallions may not be shown in the yearling, two-year-old, three-year-old, or performance classes.
4. Horses are shown at the owner's risk.
5. The horse project may be a joint ownership, borrowed or rented, as long as the 4-H'er has control of it 75% of the time during course of project year.
6. The age of the animal is determined as of January 1 in the year in which it is foaled.
7. The project will be shown in the class of the sire.

8. The horse Department Chair has the right to dismiss or send home any animal that is unruly or hard to handle.
9. The following percentage points will be judged in the Halter Classes:

Conformation	90 percent
Grooming, training and manners	10 percent
Total.....	100 percent
10. There is no age limitation on the horse in the reining or horsemanship classes. Horses may be shown in more than one class.
11. Events will run as scheduled. **NO EXCEPTIONS.**
12. Horses will not be housed at the fair. They will be entered on show day and released.
13. Top two blues per class return to compete for champion. Horses that are not of blue quality will not be considered for champion.
14. Horseless Horse Project members that exhibit in either Class 645,648,651,663,666 or 669 are responsible for securing the horse they will be using in that class. Members may exhibit posters or notebooks in the miscellaneous division at the fair.
15. Participants in the Walk/Trot classes cannot participate in the following classes: Western Pleasure, Western Horsemanship, Reining, Hunter Hack or Equitation. However, they may trot the speed events.
16. Champion and reserve champion will be awarded for each breed, unless horses are not of blue ribbon quality.
17. An Overall Champion and Reserve Champion Halter Horse Gelding and Mare will be awarded from classes 601-634.
18. Overall Horsemanship awards will be given in the Junior, Intermediate and Senior Division. Each participant will earn points based on the ribbon they received in each class that they participated in. All classes will count towards the all-around totals EXCEPT the halter classes (confirmation of horse). This means showmanship and all riding classes will count. Following is how the points are tabulated:
 - i. Ribbon color and points: Blue-4, Red-3, White-2 and extra points are given for Champion-2 and Reserve Champion-1 ribbons.
 - ii. Each class will count, no matter how many participants are in the class.
 - iii. There will be no weighting the points for any reason.

SECTION A—HALTER CLASSES

FILLIES AND MARES

Class 601	Paint Weanling Filly
Class 602	Reg Quarter Weanling Filly
Class 603	Other Breeds Weanling Filly
Class 604	Ponies Weanling Filly
Class 605	Paint Yearling Filly
Class 606	Reg Quarter Yearling Filly
Class 607	Other Breeds Yearling Filly
Class 608	Ponies Yearling Filly
Class 609	Paint Two Year Mares
Class 610	Reg Quarter Two Year Mares
Class 611	Other Breeds Two Year Mares
Class 612	Ponies Two Year Mares
Class 613	Paint Aged Mares
Class 614	Reg Quarter Aged Mares
Class 615	Other Breeds Aged Mares
Class 616	Ponies Aged Mares

COLTS AND GELDINGS

Class 619	Paint Weanling Colt
Class 620	Reg Quarter Weanling Colt
Class 621	Other Breeds Weanling Colt
Class 622	Ponies Weanling Colt
Class 623	Paint Yearling Colt

Class 624	Reg Quarter Yearling Colt
Class 625	Other Breeds Yearling Colt
Class 626	Ponies Yearling Colt
Class 627	Paint Two Year Gelding
Class 628	Reg Quarter Two Year Gelding
Class 629	Other Breeds Two Year Gelding
Class 630	Ponies Two Year Gelding
Class 631	Paint Aged Gelding
Class 632	Reg Quarter Aged Gelding
Class 633	Other Breeds Aged Gelding
Class 634	Ponies Aged Gelding

SECTION B—SHOWMANSHIP

1. Read Horse Rule Number 5.
2. Champion and Reserve or blue ribbon alternate will compete in Round Robin Showmanship.
3. Champion and reserve champion will be awarded for each showmanship class.

Class 601	Senior Showmanship (Age 14 & over)
Class 604	Intermediate Showmanship (Age 10-13)
Class 607	Junior Showmanship (Age 7-9)
Class 610	Horseless Horse Sr. Showmanship (Age 14 & over)
Class 613	Horseless Horse Intermediate Showmanship (10-13)
Class 616	Horseless Horse Jr. Showmanship (Age 7-9)

SECTION C—RIDING CLASSES

1. All riding events shall be conducted according to the rules in the "Kansas 4-H Horse Show Rule Book." This booklet may be obtained at the Riley County Extension Office.
2. Juniors will be riders ages 7-9, Intermediate riders age 10-13, and Seniors will be riders 14 years and over.
3. Horses entered in Walk Trot Green Horse class are not eligible to enter any other riding class. Mechanical hackamores and tie-downs are not allowed.
4. Therapeutic Horsemanship classes are for handicapped or special needs riders.
5. Champion and reserve champion will be awarded for each class.

WALK-TROT

Class 601	Walk-Trot; Green Horse
Class 604	Walk-Trot; Green Rider, Senior
Class 607	Walk Trot; Green Rider, Intermediate
Class 610	Walk Trot Green Rider, Junior
Class 613	Senior Therapeutic Horsemanship
Class 616	Intermediate Therapeutic Horsemanship
Class 619	Junior Therapeutic Horsemanship

ENGLISH

Class 622	Senior English Pleasure
Class 625	Intermediate English Pleasure
Class 628	Junior English Pleasure
Class 631	Senior English Equitation
Class 634	Intermediate English Equitation
Class 637	Junior English Equitation
Class 640	Senior Hunter Hack Over Fences
Class 643	Intermediate Hunter Hack Over Fences
Class 646	Junior Hunter Hack Over Fences

WESTERN PLEASURE

Class 649 Senior West Pleasure 55 Under
 Class 652 Intermediate West Pleasure 55 Under
 Class 655 Junior West Pleasure 55 Under
 Class 658 Senior West Pleasure 56 Over
 Class 661 Intermediate West Pleasure 56 Over
 Class 664 Junior West Pleasure 56 Over

HORSEMANSHIP

Class 667 Senior Horsemanship
 Class 670 Intermediate Horsemanship
 Class 673 Junior Horsemanship

REINING

Class 676 Senior Reining
 Class 679 Intermediate Reining
 Class 682 Junior Reining

WORKING RANCH

Class 685 Senior Working Ranch Horse
 Class 688 Intermediate Working Ranch Horse
 Class 691 Junior Working Ranch Horse

TRAIL

Class 6110 Senior Trail
 Class 6113 Intermediate Trail
 Class 6116 Junior Trail

TIMED EVENTS

Class 6119 Senior Pole Bending
 Class 6122 Intermediate Pole Bending
 Class 6125 Junior Pole Bending
 Class 6128 Senior Barrel Racing
 Class 6131 Intermediate Barrel Racing
 Class 6134 Junior Barrel Racing
 Class 6137 Senior Flag Race
 Class 6140 Intermediate Flag Race
 Class 6143 Junior Flag Race
 Class 6146 Senior Keyhole
 Class 6149 Intermediate Keyhole
 Class 6152 Junior Keyhole

DEPARTMENT 7A—DAIRY GOAT

Department Chair: Anna Anderson
 Assistant Chair: Brenda Jordan
 Jr. Assistant: Bryce Beckman

PRE-REGISTRATION: Due July 1

ENTRY: Friday, July 28; 8:00-11:00 a.m.

JUDGING: Saturday, July 29; 10:00 a.m.

RELEASE TIME: Monday, July 31; 7:00-9:30 a.m. or after the livestock sale

1. Read livestock department special rules, general rules and health regulations.
2. In determining the age class in which the animal is to be shown, the cutoff date will be July 28.
3. In all classes exhibitor is the owner of the animal.
4. Exhibitors are requested to be neatly and appropriately dressed (preferably in white for dairy classes) when showing animals in the ring.
5. Members may exhibit two goats per class in breeding classes, not to exceed a total of

six meat breeding females and six dairy breeding females. Members may also exhibit 2 market goats.

6. Entries may be purebred or grade animals. All registered breeding females must have original registration papers in the name of the exhibitor or family farm name (as per state fair open meat goat show guidelines) prior to June 15 of the current year. Original registration papers are to be presented at check-in.
7. Dehorning is preferred. If not dehorned, the horns must be tipped prior to arrival on the grounds.
8. A Best Doe of Show will be awarded.

SECTION A—DAIRY GOAT FEMALES

ALPINE

Class 701	Doe under 4 months of age
Class 702	Doe between 4-8 months of age
Class 703	Doe between 8-12 months of age
Class 704	Doe between 12-24 months of age (not in milk)
Class 705	Milker 1-2 years of age
Class 706	Milker 2-3 years of age
Class 707	Milker 3 years and over

LAMANCHA

Class 710	Doe under 4 months of age
Class 711	Doe between 4-8 months of age
Class 712	Doe between 8-12 months of age
Class 713	Doe between 12-24 months of age (not in milk)
Class 714	Milker 1-2 years of age
Class 715	Milker 2-3 years of age
Class 716	Milker 3 years and over

NUBIAN

Class 720	Doe under 4 months of age
Class 721	Doe between 4-8 months of age
Class 722	Doe between 8-12 months of age
Class 723	Doe between 12-24 months of age (not in milk)
Class 724	Milker 1-2 years of age
Class 725	Milker 2-3 years of age
Class 726	Milker 3 years and over

OBERHASLI

Class 730	Doe under 4 months of age
Class 731	Doe between 4-8 months of age
Class 732	Doe between 8-12 months of age
Class 733	Doe between 12-24 months of age (not in milk)
Class 734	Milker 1-2 years of age
Class 735	Milker 2-3 years of age
Class 736	Milker 3 years and over

SAANEN

Class 740	Doe under 4 months of age
Class 741	Doe between 4-8 months of age
Class 742	Doe between 8-12 months of age
Class 743	Doe between 12-24 months of age (not in milk)
Class 744	Milker 1-2 years of age
Class 745	Milker 2-3 years of age
Class 746	Milker 3 years and over

TOGGENBURG

Class 750 Doe under 4 months of age
Class 751 Doe between 4-8 months of age
Class 752 Doe between 8-12 months of age
Class 753 Doe between 12-24 months of age (not in milk)
Class 754 Milker 1-2 years of age
Class 755 Milker 2-3 years of age
Class 756 Milker 3 years and over

OTHER BREEDS

Class 760 Doe under 4 months of age
Class 761 Doe between 4-8 months of age
Class 762 Doe between 8-12 months of age
Class 763 Doe between 12-24 months of age (not in milk)
Class 764 Milker 1-2 years of age
Class 765 Milker 2-3 years of age
Class 766 Milker 3 years and over

RECORDED GRADE

Class 770 Doe under 4 months of age
Class 771 Doe between 4-8 months of age
Class 772 Doe between 8-12 months of age
Class 773 Doe between 12-24 months of age (not in milk)
Class 774 Milker 1-2 years of age
Class 775 Milker 2-3 years of age
Class 776 Milker 3 years and over

UNREGISTERED GRADE

Class 779 Doe under 4 months of age
Class 780 Doe between 4-8 months of age
Class 781 Doe between 8-12 months of age
Class 782 Doe between 12-24 months of age (not in milk)
Class 783 Milker 1-2 years of age
Class 784 Milker 2-3 years of age
Class 785 Milker 3 years and over

PYGMY

Class 788 Pygmy Doe

SECTION E—SHOWMANSHIP

- 1. 4-H member must show own animal.
- 2. Champion and reserve or blue ribbon alternate in dairy goat showmanship will compete in Round Robin Showmanship.
- 3. Classes will be divided by age to accommodate show ring size.
- 4. Junior, Intermediate and Senior champions and reserve champions will be awarded.
Junior (Age 7-9), Intermediate (Age 10-13), Senior (Age 14 & over)

DEPARTMENT 7B—MEAT GOAT

Department Chair: Brenda Jordan
Assistant Chair: Anna Anderson
Jr. Assistant: Nelsa Beckman, Brittni Winter & Tyler Beckman

PRE-REGISTRATION: Due July 1

ENTRY: Friday, July 28; 8:00-11:00 a.m.

JUDGING: Saturday, July 29; 12:00 noon

RELEASE TIME: Monday, July 31; 7:00-9:30 a.m. or after the livestock sale

- 1. Read livestock department special rules, general rules and health regulations.

2. In determining the age class in which the animal is to be shown, the cutoff date will be July 28.
3. In all classes exhibitor is the owner of the animal.
4. Exhibitors are requested to be neatly and appropriately dressed when showing animals in the ring.
5. Members may exhibit two goats per class in breeding classes, not to exceed a total of six meat breeding females and six dairy breeding females. Members may also exhibit 2 market goats.
6. Entries may be purebred or grade animals. All registered breeding females must have original registration papers in the name of the exhibitor or family farm name (as per state fair open meat goat show guidelines) prior to June 15 of the current year. Original registration papers are to be presented at check-in.
7. Dehorning is preferred. If not dehorned, the horns must be tipped prior to arrival on the grounds.
8. Market goats will be shown by weight classes. Animals must be under 1 year of age. Wethers and does may show in market classes.
9. Market goats weighing less than 40 pounds will be shown in a light weight class and will not be eligible to compete for champion and reserve champion.
10. Market goats must be tattooed or tagged by May 1.
11. Market goats; must be slick shorn above the knees and hocks.
12. Use of halters, collars or chains is allowed in the show ring.
13. Goats must be shown with all four feet on the ground. Goats may be braced, but all four feet are required to be on the ground during the judge's inspection or handling.
14. Meat Goat Females – champion and reserve champion will be awarded for percentage, purebred/full blood, and unregistered doe. A Supreme Champion Breeding Meat Doe and Reserve Supreme Champion Breeding Meat Doe will be awarded for the overall Meat goat females.
15. Market Goats – Grand Champion, Reserve, 3rd, 4th and 5th will be selected in the market class. Only the first and second blue ribbon animals in each class will be eligible to show for the top 5 placings. No special awards will be given to 3rd, 4th and 5th.

SECTION B—MEAT GOAT FEMALE

PERCENTAGE DOE

Class 791	Doe Kids 0-6 months
Class 792	Doe Kids 6-12 months
Class 793	Yearling Doe 12-24 months
Class 794	Senior Doe 24 months

PUREBRED/FULLBLOOD DOE

Class 797	Doe Kids 0-6 months
Class 798	Doe Kids 6-12 months
Class 799	Yearling Doe 12-24 months
Class 7000	Senior Doe 24 months

UNREGISTERED GRADE DOE

Class 7003	Doe Kids 0-6 months
Class 7004	Doe Kids 6-12 months
Class 7005	Yearling Doe 12-24 months
Class 7006	Senior Doe 24 months

SECTION C—MARKET GOAT

Class 7010	Market Dairy Goat
Class 7011	Market Meat Goat

SECTION D—SHOWMANSHIP

- 1. 4-H member must show own animal.
- 2. Champion and reserve or blue ribbon alternate in meat goat showmanship will compete in Round Robin Showmanship.
- 3. Classes will be divided by age to accommodate show ring size.
- 5. Junior, Intermediate and Senior champions and reserve champions will be awarded. Junior Showmanship (Age 7-9), Intermediate Showmanship (Age 10-13) Senior Showmanship (Age 14 & over)

DEPARTMENT 8—POULTRY

Department Chair: Jim Larkins
 Assistant: Cheryl McCabria
 Jr. Assistants: Seonna and Cheyenne McCabria

PRE-REGISTRATION: Due July 1

ENTRY: Thursday, July 27; 7:00 p.m.–10:00 p.m.

JUDGING: Friday, July 28; 3:00 p.m.

RELEASE TIME: Monday, July 31; 7:00–9:30 a.m. or after the livestock sale

- 1. Read general regulations and health regulations.
- 2. All exhibition classes, including large fowl and bantam, will be judged on the basis of exhibition and production qualities.
- 3. Market poultry will be judged on meat quality and uniformity, not plumage.
- 4. Production classes will be judged on laying quality. Dual-Purpose classes will be judged on laying and meat quality.
- 5. A member enrolled in the poultry project may enter up to two entries per breed, per sex, per class. Exhibitor may enter up to eight entries in each section, plus 2 market pens.
- 6. Exhibitor must provide own feed, feed container, water container and must care for their animals daily or arrange for someone to do so.
- 7. Single entries are not eligible to show in pen of three classes.
- 8. Poultry that will be competing at the State Fair will be banded at the county fair. Please notify the department chair by 6:00 p.m. on Sunday of your needs.
- 9. Pullorum testing will be done every year. Notify the department chair if you need documentation.
- 10. Champion and reserve champion will be awarded in Bantam, Large Fowl, Production and Dual Purpose. Grand and reserve grand champion will be awarded in the Market class. Champion and reserve will be awarded in each class of Section B: Turkeys, Ducks, Geese, Guinea, and Other.

SECTION A- CHICKEN

BANTAM

- Class 801 Standard Breeds, 1 young bird of either sex
- Class 802 Standard Breeds, 1 old bird of either sex

LARGE FOWL

- Class 805 Standard Breeds, 1 young bird of either sex
- Class 806 Standard Breeds, 1 old bird of either sex

PRODUCTION

- Class 809 Production Hens-Pen of 3
- Class 810 Production Pullets -Pen of 3

DUAL PURPOSE

- Class 813 Dual Purpose Hens – Pen of 3
- Class 814 Dual Purpose Pullets – Pen of 3

MARKET

Class 820 Meat Type Chickens-pens, 3 birds of 1 breed

SECTION B—EXHIBITION OTHER

Class 830 Turkeys, all breeds
Class 833 Duck, all breeds
Class 836 Geese, all breeds
Class 839 Guinea, all breeds
Class 842 other

SECTION C – SHOWMANSHIP

Class 850 Junior Showmanship (Age 7-9)
Class 851 Intermediate Showmanship (Age 10-13)
Class 852 Senior Showmanship (Age 14 & over)

DEPARTMENT 9—RABBIT

Department Chair: Jamie Franch

PRE-REGISTRATION: Due July 1

ENTRY: Thursday, July 27; 7:00 p.m.–10:00 p.m.

JUDGING: Saturday, July 29; 8:00 a.m.

RELEASE TIME: Monday, July 31; 7:00–9:30 a.m. or after the livestock sale

1. Read general regulations and health requirements.
2. Senior breeding rabbits must have been owned at least 3 months prior to show to be eligible for judging classes.
3. Exhibitor is required to show his/her own animals.
4. Each breeding rabbit is to be permanently tattooed by July 1. Market pens must be tattooed at least 2 days before the fair.
5. Exhibitor must provide own water container, feed, feed container and must care for their animals daily or arrange for someone to do so.
6. Members enrolled in the rabbit project may enter two market pens. Market pens will be judged according to current, published, American Rabbit Breeders Assoc. (A.R.B.A.) standards.
7. Members in the rabbit project may enter no more than eight entries in Section A.
8. Not more than two entries can be made in any one class, per variety, per breed.
9. Showmanship classes will be judged according to members' age level. All exhibitors are encouraged to enter. There will be a champion and reserve champion awarded in each age group.
10. All rabbits will be divided into age classes: Junior (under 6 months), Intermediate (6-8 months), and Senior, and judged according to their breed standard. There will be a Best of Breed (BOB) and Best opposite Sex (BOS) in each breed chosen from blue ribbon animals. Each BOB and BOS of breed will receive a champion or reserve champion rosette.
11. Grand and reserve grand champion will be awarded in the market pen class.
12. Best In Show, Reserve In Show and Third In Show will be awarded in the breeding.

SECTION A-BREEDING

SIX CLASS - (ONLY breeds of American, American Chinchilla , Angora Giant, Beveren , Blanc deHotot, Californian, Champagne D'Argent, Checkered Giant, Cinnamon, Creme D'Argent , English Lop, Flemish Giant , French Lop, Giant Chinchilla, New Zealand, Palomino, Satin, Silver Fox)

Class 901 Jr. Buck-under 6 months of age
Class 902 Jr. Doe-under 6 months of age
Class 903 Intermediate Buck, 6-8 months of age
Class 904 Intermediate Doe, 6-8 months of age
Class 905 Sr. Buck - 8 months of age and older
Class 906Sr. Doe - 8 Months of age and older

FOUR CLASS (all other breeds)

- Class 910 Jr. Buck -under 6 months of age
- Class 911 Jr. Doe-under 6 months of age
- Class 912 Sr Buck- over 6 months of age
- Class 913 Sr. Doe- over 6 months of age

SECTION B—MARKET

- Class 920 Pen of 3 market rabbits under 70 days of age, minimum weight of 3 pounds each, maximum weight of 5 pounds each, one recognized breed and variety.

SECTION C—SHOWMANSHIP

- Class 930 Showmanship age (7-8)
- Class 931 Showmanship age (9-11)
- Class 932 Showmanship age (12-14)
- Class 935 Showmanship Senior age (15 and over)

RABBIT JUDGING CONTEST

Contest will be held Sunday afternoon, 1:00 – 5:00 pm come and go, unless heat prohibits. Judging will be divided according to appropriate age. Everyone is encouraged to participate, even if you are not enrolled in Rabbit. Age groups are the following: 7-8; 9-11; 12-14; 15 and over

DEPARTMENT 10—GARDEN AND CROPS

Department Co-Chairs: Bob Warnica & Master Gardeners

ENTRY: Thursday, July 27; 8:00–noon

JUDGING: Thursday, July 27; 1:00 p.m.

1. Read general regulations.
2. Products exhibited in this division must have been grown in 2017 by 4-H club members enrolled in the project.
3. Exhibits in this division need not be mature. Efforts should be made, however, to select the most mature entries possible.
4. Crop project members are encouraged to exhibit a sample of their crop.
5. Interview judging will be available. Sign up at entry.
6. Limit two exhibits per class, unless noted. Exhibits must be a different variety.
7. In classes 1001-1022 vegetable varieties are to be named on exhibit card.
8. See brochure *Exhibiting Fruits and Vegetables* for more information.
9. Exhibits that qualify for State Fair will need to follow State Fair guidelines.
10. Champion and reserve champion will be awarded in the garden and crop sections.

SECTION A—GARDEN

- Class 1001 Beans – plate of 6 same variety
- Class 1002 Beets – plate of 3 same variety
- Class 1003 Cabbage – 1 head
- Class 1004 Cantaloupe (Muskmelon) – 1 melon
- Class 1005 Watermelon or other melon (other than cantaloupe) – 1 melon
- Class 1006 Carrots – plate of 3 same variety
- Class 1007 Cucumbers – plate of 3 same variety
- Class 1008 Eggplant – 1 fruit
- Class 1009 Okra – plate of 3 same variety
- Class 1010 Onions – plate of 3 same variety
- Class 1011 Peppers – plate of 3 same variety
- Class 1012 Potatoes– plate of 3 same variety
- Class 1013 Pumpkin – 1 fruit
- Class 1014 Squash, summer – 1 fruit

- Class 1015 Squash, winter (other than pumpkin) – 1 fruit
- Class 1016 Sweet Corn – plate of 3 same variety
- Class 1017 Sweet Potatoes – plate of 3 same variety
- Class 1018 Tomatoes – plate of 3 same variety
- Class 1019 Turnips – plate of 3 same variety
- Class 1020 Other Vegetable Crop
- Class 1021 Fruit Crop (ex. Plate of 3 apples, ½ pint blackberries)
- Class 1022 Garden Tray Exhibit (Limited to one entry)
5 different fresh vegetables on one tray

The five vegetables may be chosen from the following:

Large: One each - Watermelon, Squash, Pumpkin, Eggplant, Cabbage, etc.

Medium: 3 each - Cucumbers, Tomatoes, Carrots, Beets, Onions, Peppers,
Parsnips, Okra, Irish potatoes, Sweet potatoes.

Small: 6 each - Green Beans, Peas, etc.

- Class 1023 Fresh Culinary Herb (6)
Ex: parsley, basil, dill, etc. Six stems (or a comparable quantity) of ONE VARIETY of fresh herbs exhibited in a disposable container of water. Dried herbs are not accepted.
- Class 1024 Widest Diameter of Sunflower Head
(no premium will be awarded.)

SECTION B—CROPS

- Class 1030 Wheat-Exhibit to consist of one gallon sample.
Limited to one entry. Variety must be named. A 2½-3" styrofoam cylinder placed in the gallon container may be used to reduce amount of grain to approximately 3 quarts.
- Class 1040 Alfalfa - Exhibit to consist of one gallon sample of seed.
- Class 1041 Alfalfa Hay - One flake.
- Class 1050 White Corn
- Class 1051 Yellow Corn
- Class 1052 Popcorn
Exhibit consists of ten ears of one variety - member limited to one entry. Variety must be stated on entry.
- Class 1060 Grain sorghum
- Class 1061 Forage sorghum
- Class 1062 Other Crops
Exhibit consists of ten heads of one variety-member limited to one entry. Variety must be stated on entry.
- Class 1070 Weed Collection
A collection of 15 or more plant specimens, mounted on 8½ x 11 inch paper and correctly identified. Three or more of the specimens must be noxious weeds, preferably found in Riley County.

SECTION C—HORTICULTURE NOTEBOOK(S)

- Class 1080 Horticulture Notebook (qualifying State Fair class)
Entry shall consist of a notebook or three ring binder of written narrative describing a horticulture project such as a landscape design, landscape installation, lawn renovation, water garden, flower garden, vegetable garden, lawn mowing service, landscape maintenance business, farmer's market business, or other horticultural project. 4-Hers are encouraged to include photographs, illustrations and/or landscape drawings that help explain work done by the member. Photos taken from the same location before, during and after the completion of the project are particularly helpful.

DEPARTMENT 11—FLOWERS AND PLANTS

Department Co-Chairs: Bob Warnica & Master Gardeners

ENTRY: Thursday, July 27; 8:00–noon

JUDGING: Thursday, July 27; 1:00 p.m.

1. Read general rules
2. Exhibit cut flowers with foliage and long stem if possible.
3. Cut flowers should be exhibited in plain bottles.
4. Only members enrolled in Plant Science may exhibit cut flowers and a flower arrangement. One exhibit per class, unless specified.
5. The following points will be considered in judging cut flowers:
Stem - Do the stems have good length and strength?
Uniformity of size – Are the specimens large for the variety and uniform in size?
Conditions of entry – Are flowers at proper stage of maturity, clean, not wilted?
Culture – Is exhibit free of insect injury, disease and appearance of being vigorous?
6. The following points will be considered in judging flower arrangements:
Color combination - harmony and balance
Relation to container - scale, color, texture
Proportion and Balance
Distinction and originality - style, technique and design
Suitability of combination of material - rhythm and flower shape
Condition
7. House plants must have been grown by the exhibitor for at least two months.
8. Interview judging will be available. Sign up at entry.
9. See brochure Preparing Cut Flowers for Exhibit for more information.
10. Champion and reserve champion will be awarded for flowers and arrangements/plants.

SECTION A—FLOWERS AND PLANTS

Each cut flower entry should be best single specimen in plain container

Flowers

- Class 1101 Rose – single stem (variety to be named)
Class 1102 Annual – single stem (up to five different entries)
Class 1103 Perennial – single stem (up to five different entries)

Arrangements/Plants

- Class 1104 Fresh Flower Arrangement (state purpose)
Class 1105 Dried Flower Arrangement
(no artificial or silk flowers plus state purpose)
Class 1106 Cacti plants or succulent
Class 1107 Potted Indoor Plant (foliage or flowering)
Class 1108 Container Garden
Class 1109 Miniature and Fairy Garden

HORTICULTURE JUDGING CONTEST DIVISION

Department Chair: Gregg Eyestone

CONTEST: Saturday, July 29; 10:00 a.m. - noon

LOCATION: Pottorf Hall

1. 4-H'ers enter as individuals in either a junior or senior division.
2. Registration begins at 10:00 a.m.

DEPARTMENT 12—ART

Department Chair: Susan Shipman
Assistants: Karyn Clanton, Kari Vogt
Jr. Assistants: Elsie Jackson, Brooke Vogt, Hannah Rosario

ENTRY & JUDGING: Thursday, July 27; 8:00 a.m. according to interview judging schedule.
Any 4-H'er who does not participate in interview judging must enter his/her items by noon.

SECTION A—VISUAL ART

1. Read general regulations.
2. Each 4-H'er may enter a total of five exhibits and one educational display in this section. Display should be a poster, notebook or educational display on classic and/or contemporary forms of art.
3. A maximum of three entries may be interview judged. **Place an I in the top right corner of entry card for interview judging.**
4. Six entries will be chosen by judges to go on to State Fair for display from this section. Junior champions and reserves will qualify if State Fair age eligible, senior and intermediate champions and reserves will be automatic entries of the six chosen. Exhibitors may only exhibit 1 visual arts entry at the Kansas State Fair.
5. If a 4-H'er is not interview judging, a short paragraph must accompany the exhibit stating if a kit was used and how much was pre-assembled, process and approximate cost.
6. Items without a card will be dropped one ribbon placing.
7. 2-Dimensional Art may consist of drawing, sketching, painting or other form of artwork created with any form of media.
8. 2-Dimensional Art should be matted or framed. A **Permanent** hanger **MUST** be attached so the artwork can be hung. Artwork with out proper hangers will **NOT** be displayed.
9. Classes 1204, 1213, and 1223 pertain to an art item made of at least 50% recycled material (recycled means reusing an existing item in a new way). A 3" x 5" index card must accompany each entry describing the recycled materials and how they were used in the item. Special spotlight awards will be awarded in recycled classes.
10. Junior, Intermediate and Senior champions and reserve champions will be awarded in Arts & Crafts and 2-Dimensional Art.

JUNIOR: 7-10 YEARS OLD

Class 1201 An arts-crafts item
Class 1202 Educational Exhibit
Class 1203 2-Dimensional Art item
Class 1204 Recycled Art Item

INTERMEDIATE: 11 - 13 YEARS OLD

Class 1210 An arts-crafts item
Class 1211 Educational exhibit
Class 1212 2-Dimensional Art item
Class 1213 Recycled Art Item

SENIOR: 14 - 19 YEARS OLD

Class 1220 An arts-crafts item
Class 1221 Educational exhibit
Class 1222 2-Dimensional Art item
Class 1223 Recycled Art Item

DEPARTMENT 13—FIBER ART

Department Chair: Sandy Glessner

ENTRY & JUDGING: Thursday, July 27; 8:00 a.m.—according to interview judging schedule. Any 4-H'er who does not participate in interview judging must enter his/her items by noon.

SECTION A – FIBER ART

1. Fiber Arts is defined as any method of creating a unique design with fiber, fabric or yarn. This may include: weaving, crochet, knitting, needlepoint; or when existing fabric is changed into something quite different such as quilting or embroidery. NON textile (examples include wood reed, straw, grass, etc) baskets/pieces should be entered in the Visual Arts Division.
1. 4-H member may exhibit a maximum of **six exhibits** in this section.
2. A maximum of three entries may be interview judged. **Place an I in the top right corner of entry card for interview judging.**
3. Members qualifying for Kansas State Fair are permitted to exhibit one item per class, for a total of up to 3 items at State Fair.
4. When exhibiting articles normally worn as a pair, both articles must be exhibited together. Fasten articles together with appropriate material for the article.
5. Labels: Type or print on 3"x 2 1/2" piece of cloth: class number and exhibitor's name. Sew or safety pin this ID label on the corner of flat articles. For garments, attach ID label to the front left shoulder seam, or left side of waistband, as if you were wearing the garment.
6. Wearable garments may be entered in Fiber Art and modeled as entries in 4-H Fashion Revue.
7. The exhibitor may attach an index card, no larger than 3" x 5", with the entry form to give the judge any information which the exhibitor thinks would be helpful for the judge to know. Explain whether the fabric was created by hand or by machine for the knitted article. Explain if the exhibit contains any recycled materials, or is an original design.
8. When the exhibit is a sewn garment that also includes one or more Fiber Art techniques (i.e. knitting, crochet, needle arts, or patchwork and quilting), the determination of what department (Clothing or Fiber Art) and class in which to enter will be left with the 4-H participant. 4-H'er must be enrolled in either Clothing or Fiber Art.
9. Exhibits from the Fiber Arts classes qualify for State Fair, if the exhibitor is at least 9 years of age and received a purple placing on the entry.
10. Junior and senior champions and reserve champions will be awarded in this section.

Class 1301	Crochet
Class 1302	Knitting made either by hand or knitting machine
Class 1303	Needle Arts created by hand using any of the following techniques: a) embroidery and cross-stitch; b) needlepoint; c) candle wicking; d) crewel e) lacework; and/or f) appliqué
Class 1304	Patchwork and Quilting
Class 1305	Rug Making
Class 1306	Spinning
Class 1307	Weaving
Class 1308	Ethnic Arts
Class 1309	Macramé
Class 1310	Other (not a qualified State Fair class)

DEPARTMENT 14—CLOTHING AND TEXTILES

Department Chair: April Wendland

Jr. Assistant: Jessie Rosario

PRE-REGISTRATION: Due July 1

JUDGING: Thursday, July 20; 8:30 a.m. – 11:30 a.m.

ENTER FOR DISPLAY: Clothing items judged on Thursday, July 20 will be accepted for display at the Riley County Fair on Thursday, July 27; 8:00-noon

1. Read general regulations.
2. Garment shall be carefully laundered or cleaned before exhibiting.
3. Labels:
 - (a) Type or print on a 3 x 2½ inch piece of cloth with name, address, class and club.
 - (b) Sew label on inside of garment (back of neck, center back of waistband); label each piece.
 - (c) If exhibit will not be interview judged a 3"x 5" index card may be attached to the entry tag to give the judge any information which the exhibitor thinks would be helpful for the judge to know.
 - (d) Garment will not be accepted unless properly labeled when entered.
4. No exhibitor may enter more than six exhibits in any constructed clothing class, (recycled articles should be entered in construction class); exhibitor may enter one exhibit in the educational class.
5. **Exhibits must be brought in for display at the county fair on Thursday, July 27, 8:00 a.m. – noon in order to receive ribbon and premium money.** Buymanship projects receiving Champion and Reserve Champion awards will be displayed during the County Fair.
6. Interview judging will be offered. Exhibitors must sign up at time of entry. Up to three exhibits may be interview judged.
7. No care labels will be required since they are not always available; however, exhibitors should know how to care for the fabrics they purchase.
8. Explanation of PREPARATION OF GARMENT FOR EXHIBIT.
Place entry card on front left shoulder seam of garment or to the left side of waistband with hanger opening facing to the left, as if you were wearing the garment, so that the hanger opening faces the attached entry.
9. The same garment may be entered in the Clothing Department and Make It With Wool Contest.
10. Educational Classes -- Share with others what you learned in this project. If a poster, it must not be larger than 22" X 28". Exhibits may be notebooks, sewing baskets or other displays. Take care to select durable materials that will withstand Fair conditions. Display space must be no more than 12" high by 12" deep and 18" long; NO card table exhibits allowed. Name and club must be clearly marked on educational exhibits. See suggestions in the "Going Further" of the curriculum notebook lesson plans for ideas.
11. When the exhibit is a sewn garment that also includes one or more Fiber Art techniques (i.e. knitting, crochet, needle arts, or patchwork and quilting), the determination of what department (Clothing or Fiber Art) and class in which to enter will be left with the 4-H participant. The 4-H'er must be enrolled in either Fiber Art or Clothing.
12. Any "garment" or "outfit" can be entered; items must be made by the 4-H'er, but can be made for someone else. (Example: Garment for infant or toddler.) "Articles" may include home décor items such as pillows, curtains, table cloth, tea towel, etc. Accessory items may also be entered, such as purses, gym bag, travel/garment bag, etc.
13. Item with original surface design (class 1440) may be a purchased item with design applied by machine or hand appliqué, or painted, dyed, bleached, etc.
14. Classes 1403, 1422, and 1432 pertain to a clothing item made of at least 50% recycled material (recycled means reusing an existing item in a new way). A 3" x 5" index card must accompany each entry describing the recycled materials and how they were used in the item.

15. Junior, Intermediate and Senior champions and reserve champions will be awarded to constructed items.

SECTION A—CLOTHING

JUNIOR: 7 - 10 YEARS OLD

- Class 1401 A constructed article, garment or outfit
 Class 1402 Educational exhibit
 Class 1403 Recycled Clothing Item

INTERMEDIATE: 11- 13 YEARS OLD

- Class 1420 A constructed article, garment or outfit
 Class 1421 Educational exhibit
 Class 1422 Recycled Clothing Item

SENIOR: 14 -19 YEARS OLD

- Class 1430 A constructed article, garment or outfit
 Class 1431 Educational exhibit
 Class 1432 Recycled Clothing Item

FOR ALL AGES

- Class 1440 Item with original surface design
 Class will not be considered for champion or reserve champion.

DEPARTMENT 15—FASHION REVUE

Department Co-Chairs:

Assistants: 4-H Council Fashion Revue Committee

**PRE-REGISTRATION: Due July 1 – Pre-registration form; no late entries accepted
 Due July 18 – Descriptions for script**

JUDGING: Thursday, July 20; 8:30 a.m.

PUBLIC REVUE: Thursday, July 20; 7:00 p.m. – Place of judging and revue TBA
(Exhibitor may only model 2 outfits),

1. Only members enrolled in clothing, knitting and crocheting projects may enter the Fashion Revue. Exhibitors are limited to 2 constructed and 2 purchased garments.
2. Standards for Exhibitor: To understand and demonstrate a wardrobe plan; to understand how selected garment(s) and accessories enhance his/her personal/public presentation; to understand the value of this garment/outfit and how it fits into the family's clothing budget; to be able to describe how they have accepted personal responsibility in caring for their garment/outfit; to visually demonstrate personal fitness and grooming and clothing/accessories comfort and safety; to be able to describe how they have cared for the garment/outfit and how it has proven to fit into their wardrobe plan.
3. Senior Champion and Reserve Champion are eligible to participate in the State Fair Fashion Revue.
4. Constructed clothing exhibited in the Fashion Revue must be exhibited in the Clothing and Textiles Department at the County Fair.
5. A garment entered in the Make It With Wool competition is also eligible for Fashion Revue (see Make It With Wool Contest Division for specific rules)
6. Contestants will be required to complete activity sheets and bring with them to judging on July 20. These forms will be available at the Extension Office.
7. 4-H'er must be present at Fashion Revue Judging to participate.
8. "Sewing for others" class - A garment made by a 4-H'er, for someone else. These entries will not be considered for champion/reserve champion.
9. Junior, Intermediate and Senior champions and reserve champions will be awarded.

SECTION A—CONSTRUCTED GARMENTS REVUE

JUNIOR: 7-10 YEARS OLD

Class 1501 Constructed Fashion Revue for 4-Hers
enrolled in clothing and textiles.

INTERMEDIATE: 11-13 YEARS OLD

Class 1520 Constructed Fashion Revue for 4-Hers
enrolled in clothing and textiles.

SENIOR: 14-19 YEARS OLD

Class 1530 Constructed Fashion Revue for 4-Hers
enrolled in clothing and textiles.

SEWING FOR OTHERS:

Class 1540 Constructed Fashion Revue by 4-Hers
enrolled in clothing and textiles for another individual.

SECTION B—PURCHASED GARMENTS REVUE

1. A majority of the outfit must be purchased for the project or made by another individual for the 4-Her if the fabric and pattern were chosen by the 4-Her.
2. Standards for the exhibitor (same as those listed for constructed garments revue).
3. Contestants will be required to complete activity sheets and bring with them to judging on July 20. Forms will be available at the Extension.
4. Senior champions and Reserve Champions are eligible to participate in the State Fair Fashion Revue.
5. 4-H'er may not model the same outfit as exhibited in previous years.
6. Champion and reserve champion entries from this division will be displayed during the County Fair.
7. Male and female, Junior, Intermediate and Senior champions and reserve champions will be awarded.

JUNIOR: 7-10 YEARS OLD

Class 1550 Females enrolled in Clothing and Textiles

Class 1551 Males enrolled in Clothing and Textiles

INTERMEDIATE: 11-13 YEARS OLD

Class 1560 Females enrolled in Clothing and Textiles

Class 1561 Males enrolled in Clothing and Textiles

SENIOR: 14-19 YEARS OLD

Class 1570 Females enrolled in Clothing and Textiles—Other

Class 1571 Females enrolled in Clothing and Textiles—Formal Wear

Class 1572 Males enrolled in Clothing and Textiles

DEPARTMENT 17—FOODS AND NUTRITION

Department Chair: Joyce Graham, Ruby Brower, Anita Nichols

Assistants: Karyn Clanton, Eva Peterson

Jr. Assistants: Elsie Jackson, Jessica Eyestone, Nelsa Beckman, Hank Hinojosa,
Nate Nichols

ENTRY: Wednesday, July 26; 2:00 p.m. according to interview judging schedule

Non-interview judged food items must be entered between 2:00 - 6:00 p.m.

JUDGING: Wednesday, July 26; 2:00 p.m.

(Interview judging: according to club schedule in July 4-H newsletter)

1. Read general rules.
2. **ENTER DIVISION ACCORDING TO 4-H AGE.** A member can exhibit up to 4 entries plus 1 educational display. A gift package and/or yeast breads will be counted as part of the 4 entries. The exhibit should contain 3 cookies, 3 muffins, 3 bread sticks, 1 cake, 1 loaf bread, 3 yeast rolls, etc. or as stated.

3. Remove baked products from baking pans and place on paper plates or on covered cardboard, cut to fit the size of the product. Place all products, except cakes, in a clear plastic bag.
4. Project foods such as fruit salads, nutritious drinks, vegetable, dairy and frozen dairy foods may be exhibited or other perishable foods**. They may be exhibited on plates, in cups, or glasses at a safe, appropriate temperature. They must be interview judged and taken home by the exhibitor after judging. They will not be placed in the food sale. They are not eligible for entry at the State Fair nor will they be considered for champion or reserve champion.

**Perishable Foods: Perishable foods are those with custard and cream cheese type filling and frostings, or foods that require refrigeration. Fruit and pecan pies are acceptable.

No alcohol should be included as an ingredient in food entries. Entries with alcohol will be disqualified and not be judged.
5. All frosted cakes shall be entered in cardboard boxes or disposable plastic containers.
6. All unfrosted cakes shall be entered in cardboard boxes or disposable plastic containers and in an upright position with top crust showing, except for those cakes made with special designs such as Bundt cakes. They should have top crust side down.
7. Any baked product that cannot be removed from the pan should be exhibited in a disposable container.
8. Loaves of bread must be whole and uncut. Cookies, muffins, cupcakes, biscuits, and rolls must be same shape and same recipe.
9. All ages may exhibit yeast breads at the county fair.
10. Creative Bread Shaping, Class 1742-Product will be judged on creativity of shaping, NOT on texture or flavor, and must be an edible active yeast product. Exhibits will not be cut.
11. Exhibitor must receive a purple ribbon at county fair and be 9 years old as of January 1, 2017 to exhibit at State Fair.
12. All exhibits are to be labeled, have an entry card and recipe attached when entered.
 - (a) Label should be pasted on the bottom and should give a class number, name of exhibitor, age, address, and club.
 - (b) Each food exhibit must be labeled on the bottom with a descriptive name of the product. Examples: Banana Nut Bread; Double Chocolate Layer Cake; Chewy Caramel Brownies; Cheddar Cheese Twists.
 - (c) Entry tag should be filled out completely and placed with exhibit before the transparent wrap is put on. Name and class number must be visible.
 - (d) A recipe must be included with each exhibit. The source should appear on the recipe card; also include contestant's name and 4-H club.
 - (e) If exhibit is not interview judged, a 3" x 5" index card may be attached with any information which the exhibitor thinks would be helpful for the judge to know.
13. All food products, except Creative Bread Shaping will be judged on appearance and taste. Emphasis will be placed on nutritional value of foods.
14. A small portion of all non-perishable food items will be put on display for the public. Displayed food will be monitored throughout the fair and any food that begins to deteriorate will be discarded.
15. Sale of Food Products: Results from foods judging will be posted on Thursday during the day. Non-perishable exhibits will be placed on sale with the proceeds going to the 4-H Council. The sale, conducted by the Foods/Nutrition Department will start Wednesday, July 26; 4:00 p.m. and again Thursday, July 27; 8:00 a.m.
16. **2017 4-H Food Project Auction:** 4-Hers receiving champion, reserve champion, and first place wheat (yeast bread) entry will have the opportunity to sell a food product during the 4-H Auction on Monday, July 31; 6:45 p.m.

Guidelines:

 - (a) Only 4-Hers receiving champion, reserve champion or the first place wheat (yeast bread) entry will be eligible.
 - (b) 4-H'er will be required to complete an "intent to sell card" and return it to the Fair Office by Sunday, July 30; 10:00 p.m.
 - (c) No 4-H'er may sell more than one item in the Auction (food or animal).

- (d) 4-H'er will be required to bring a freshly baked product to the sale. Baked product should be packaged in a non returnable covered container of the 4-H'ers choice. Items should be packaged as follows:
 - Cake, pie, bread ring, bread loaf, quick bread, etc. –1 product
 - Cookie, bar cookies – 3 dozen
 - Muffin, rolls, etc. – 2 dozen
- (e) 4-H'er must accompany their exhibit and be present at the auction to participate in the 4-H Food Project Auction. 4-H'ers are expected to sell at their assigned time as listed in the sale program.

17. **EDUCATIONAL DISPLAYS:**

ENTRY: Wednesday, July 26; 2:00 – 6:00 p.m.

JUDGING: Wednesday, July 26

- (a) Displays indicated under each project level are related to information from the 4-H project material and will be based on the current USDA guidelines.
- (c) A **poster** or **notebook** describing and explaining the chosen subject may be used. Color pictures, drawings, and/or written descriptions may be included. Check the project material for guidance.
Educational Poster will illustrate information/skills learned in the project such as food science principles, nutritional value of food, cost comparisons, characteristics of special ingredients, and meal management.
Menu planning notebook for an individual: four weeks, one for each season. Take into account age, sex, activity level, desirable weight. Menus should provide adequate nutrition at a moderate cost. Include costs of meals and explain how menus fulfill the current Choose My Plate recommendations and USDA dietary guidelines.
- (d) **Poster** size is 22" x 28" and must be able to be hung in poster racks at the fair. Posters will be judged on 60% nutrition information and 40% appearance. Poster should be 3 or 4 ply.

18. Junior, Intermediate and Senior champions and reserve champions will be awarded.

19. **Again this Year:** A special award will be given for the first place pie in Memory of Shirley Olson.

SECTION A-FOODS

JUNIOR: 7-10 YEARS OLD

- Class 1701A food product
- Class 1702 Educational exhibit

INTERMEDIATE: 11-13 YEARS OLD

- Class 1720A food product
- Class 1721 Educational exhibit

SENIOR: 14-19 YEARS OLD

- Class 1730A food product
- Class 1731 Educational exhibit

SECTION B—YEAST BREADS (must contain yeast)

(For all ages enrolled in foods and nutrition)

- Class 1740 All Yeast Products
- Class 1741 Educational Display
- Class 1742 Creative Bread Shaping

SECTION C—FOOD GIFT PACKAGE

(For all ages enrolled in foods and nutrition)

1. Champion and reserve champion will be named in the Food Gift Package section.

- Class 1750 Food Gift Package
 A food gift package must contain at least 3 different non-perishable food items,

prepared by the 4-Her, in a suitable container no larger than 18"x18"x18". All items exhibited within the gift basket must conform to the rules and regulations of the foods division. Additional homemade food items beyond the 3 minimum, or purchased items may also be included in the gift basket. On an attached piece of paper answer these questions: a) what is the intended use; b) what food safety precautions were taken during and after preparation? Prepared food items must have recipes attached with the entry. Herbs, vegetables and garlic in oil are considered perishable. Canning jars should not be used for baking per manufacturer's instructions. They could break during baking.

DEPARTMENT 19—FOOD PRESERVATION

Department Chair: Lexy Wilson

ENTRY: Wednesday, July 26; 3:00 p.m.

Non-interview judged items must also be entered between 3:00-6:00 p.m.

JUDGING: Wednesday, July 26; 3:00 p.m.

1. Read general regulations.
2. All exhibits must have been preserved in 2016-2017 4-H year.
3. Exhibits must be sealed in non-decorated, non-colored (blue or green), clean standard canning jars with matching brand (use Ball lids on Ball jars, or Kerr lids on Kerr jars, etc) two piece lids. Lids with plaid, fruit decorated or brushed silver are permissible. Jars must be sealed when entered. Jelly must be in ½ pint or pint jar. All other products must be in pint or quart jars.
4. Each jar exhibited must be labeled with a uniform label placed 1" from the base of jar. You may need to make a label using an adhesive mailing label. The label must give: Class No, Division, Product, Canning Method (water bath, weighted gauge or dial gauge presser method), Altitude, Process Time, Pressure (psi), date processed including month and year, Name, and County/District.
5. Judging: The exhibits will be judged on recipe and quality of canned product. Current USDA recommended methods must be used. No open kettle or oven canned processed food will be allowed. Pickles and sweet spreads must be finished using the water bath process for the altitude of residence. Low acid products must be pressure processed properly for the altitude of residence.
6. Each exhibit must include a copy of the complete recipe and instructions. Recipe must include recipe source, date of publication and altitude of residence. **Recipes must be from 1995 to present date. Recommended recipe resources include:**
 - * **K-State Research and Extension Food Preservation publications**
 - * **USDA Complete Guide to Home Canning**
 - * **So Easy to Preserve, 6th edition, The University of Georgia Extension**
 - * **Ball Blue Book Guide to Preserving**
 - * **Blue Complete Book of Home Preserving**
 - * **All New Ball Book of Canning and Preserving**
 - * **Canning mixes (i.e. Mrs. Wage's Ball)**
 - * **Pectin manufacturers (i.e. Sure-Jell, Ball)**
 - * **<http://www.rrc.k-state.edu/preservation/recipes.html>**
7. Containers may be opened at the discretion of the judge.
8. Interview judging is available. Sign up at time of entry. A 3" x 5" index card may be attached with the entry tag to give the judge any information which the exhibitor thinks would be helpful for the judge to know, if exhibit is not interview judged.
9. Dried Foods: One kind of dried food product to be in a small jar, with lid but not sealed or other "see-through" container. Suggested amount: 1/3 to 1/2 cup, or 3 to 4 pieces per exhibit. All meat jerky should be cooked to 160 degrees F (internal temperature using a metal stem-type thermometer. Jerky not heated to 160 degrees F will not be judged. Refer to pages 6-7 in the Extension publication 4-H 712 "Food Safety Recommendations for Fair Exhibits" for instructions to prepare meat jerky according to USDA recommendations.
10. **Riley County Fair and State Fair rule** – No alcohol should be included as an

ingredient in food preservation entries. Entries with alcohol in the recipe will be disqualified and not be judged.

11. Jar band is to be on the jar.
12. Junior and Senior champions and reserve champions will be awarded.

SECTION A—FOOD PRESERVATION

JUNIOR: 7- 13 YEAR S OLD

Class 1901 Sweet Spreads (Fruit and/or Vegetables), Syrups; 1 jar
Class 1902 Fruits, Juices, Fruit mixtures (Salsa, Pie Filling, etc.) 1 jar
Class 1903 Low Acid Vegetables (green beans, corn, etc or vegetable mixtures); 1 jar
Class 1904 .. Pickles (Fruit or vegetable) Fermented Foods and Relishes and Chutney; 1 jar
Class 1905 Tomato/Tomato Products (Tomato Juice and Tomato Salsas); 1 jar
Class 1906 Meats; 1 jar
Class 1907Dried Foods; 1 jar

SENIOR: 14 -19 YEARS OLD

Class 1920 Sweet Spreads (Fruit and/or Vegetables), Syrups; 1 jar
Class 1921 Fruits, Juices, Fruit mixtures (Salsa, Pie Filling, etc.) 1 jar
Class 1922 Low Acid Vegetables (green beans, corn, etc or vegetable mixtures); 1 jar
Class 1923 .. Pickles (Fruit or vegetable) Fermented Foods and Relishes and Chutney; 1 jar
Class 1924 Tomato/Tomato Products (Tomato Juice and Tomato Salsas); 1 jar
Class 1925 Meats; 1 jar
Class 1926Dried Foods; 1 jar

DEPARTMENT 20—CAKE DECORATING

Department Chair: Cindy Casper

ENTRY: Wednesday, July 26; 3:00 p.m., according to interview judging schedule

Non-interview judged items must also be entered between 3:00-6:00 p.m.

JUDGING: Wednesday, July 26.

1. 4-Hers may enter this division at the County Fair level if they are enrolled in either Foods and Nutrition or Self-Determined/Cake Decorating.
2. Only one entry per class.
3. A baked cake or a cake form may be used for decorating. Judge will check for baked cakes. Any batter or dough may be used for cookies. Base holder of the exhibit should not be any larger than 2" more than the exhibit.
4. Wedding and anniversary cakes can be no larger than a 14" base and 24" in height including decorations. Decorated cookies can be no larger than 12". Gingerbread Houses can be no larger than a 14" base and 12" in height including decorations.
5. To be eligible to enter a decorated cake at State Fair, the 4-H'er must be enrolled in the Foods and Nutrition project. All decorated cakes entered in the State Fair Foods and Nutrition Division must be baked cakes and will be judged for the quality of cake. There is no cake decorating at the Kansas State Fair. Decorated cake **forms** may be entered in the State Fair Open Class.
6. Junior and Senior champions and reserve champions will be awarded.

SECTION A—CAKE DECORATING

JUNIOR: 7-13 YEARS OLD

Class 2001 Cakes for Children
Class 2002 Birthday Cake
Class 2003Novelty Cake
Class 2004Holiday Cake
Class 2005 3 decorated cupcakes (3 or 4 inches in diameter)
Class 2006 3 decorated cookies (3 inches in diameter)
Class 2007 1 decorated cookie (12 inches in diameter)
Class 2008 Gingerbread House

SENIOR: 14-19 YEARS OLD

Class 2020	Cakes for Children
Class 2021	Birthday Cake
Class 2022	Novelty Cake
Class 2023	Holiday Cake
Class 2024	Anniversary Cake
Class 2025	Wedding Cake
Class 2026	1 decorated cookie (12 inches diameter)
Class 2027	Gingerbread House

DEPARTMENT 21—HOME ENVIRONMENT

Department Chair: Nelda Warnica

ENTRY: Thursday, July 27; 8:00-noon

JUDGING: Friday, July 28; 9:00 a.m.

1. Read general regulations.
2. Open only to members enrolled in the Home Environment project.
3. **Each exhibitor requiring floor space must contact the Extension Office by July 1 so that enough space may be provided.**
4. Articles may have been used, but if so, shall be carefully laundered or cleaned before being exhibited.
5. Only articles to be judged may be included in the exhibit.
6. Labels: Label must include: Name, address, club and class. Type on 1 x 3" white cotton tape and sew to article on underneath side near corner or edge. For furniture: a paper label 1 x 3" pasted or tied to the exhibit. Each piece making up an exhibit must be labeled.
7. One entry per class.
8. Educational posters, displays or notebooks may include swatches, colors, stones, photographs, and project records which detail what was accomplished this year with a given indication of long-term plans.
9. Champion and reserve champion will be awarded.

SECTION A—SINGLE EXHIBIT

Exhibit an article made or refinished by the 4-H'er for the home. Include 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 for the room. 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.

Class 2101	Single Exhibit.
Class 2102	Educational Poster or Display
Class 2103	Notebook

SECTION B—GROUP EXHIBIT

Group exhibit shall be accompanied by a notebook which includes a story about the project, a color scheme and floor area record (available from Extension Office), budget and pictures. Also include a long-time plan for your improvements and a cost record of improvements made up to the current year. (Approximate exhibit space - 3 x 6 feet) Include different articles that can effectively represent work in project and pleasingly fill a 3 by 6 foot space. The record will tell the complete story, so exhibit doesn't have to include everything.

Class 2104	Group Exhibit
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DEPARTMENT 22—WOODWORKING

Department Chair: Mark Fritzson
Jr. Assistant: Hank Hinojosa

ENTRY: Monday, July 24; 5:30-7:00 p.m. **All projects larger than 36 inches in either length, width or depth. Projects of these dimensions not entered at this time will receive a participation ribbon.**

ENTRY: Thursday, July 27; 8:00-noon all projects smaller than the above dimensions.

JUDGING: Friday, July 28 8:30 a.m.

1. Read general regulations.
2. Open only to members enrolled in the Woodworking project.
3. No exhibitor may enter more than one article in each class.
4. Exhibit must be complete with all measurements that would allow replication of the project (each article must be accompanied by the plan, blueprint, working drawings, sketch, etc. used for construction). Label each article showing intended use.
5. Interview judging will be offered at time of judging. Sign up at time of entry. Parents and/or leaders are requested to be silent observers and may ask questions only at the conclusion of the interview.
6. When judging woodworking articles, consideration will be given to usefulness, design, workmanship, choice of wood, suitability and quality of finish.
7. All youth entered may utilize power tools according to curriculum recommendations.
8. Champion and reserve champion will be awarded.

SECTION A—WOODWORKING

- Class 2201Articles for farm or shop use
Class 2202 Lawn furniture
Class 2203Household furniture
Class 2204Other articles not included in above classes
(example: bird house, bird feeder, napkin holders, book ends, etc.)
Class 2205Piece of repaired or refinished furniture
(This class is open to those who have met the requirements of either Woodworking or home improvement projects.)
Class 2206 Items made from kits

DEPARTMENT 23—ENERGY MANAGEMENT

Department Chair: Larry Brockson

ENTRY: Thursday, July 27; 8:00-noon

JUDGING: Thursday, July 27; 1:00 p.m.

1. Read general regulations.
2. Open only to members enrolled in the Energy Management project.
3. Each exhibitor may enter up to two items per class.
4. Label each article giving owner's name, address, name of article and class.
5. Include construction plans or schematic diagrams with the display. Include written operating instructions with any exhibit that is not self-explanatory.
6. Exhibit must be operable. If battery power or other special power source is required, that must be included with exhibit.
7. Any necessary special equipment must be provided at time of judging for testing of the exhibit.
8. No hand dipped solder may be used on exhibits.
9. Project members will provide their own computer.
10. Champion and reserve champion will be awarded.

SECTION A—ELECTRICAL AND ELECTRONICS

- Class 2301 Educational Displays and Exhibits
This class includes any educational displays, exhibits or science fair projects which do not have a power source, i.e. exhibits, posters or displays of wire types, conduit types, electrical safety, tool or motor parts identification or electrical terminology.
- Class 2302 AC Electric Projects
Electric projects with a 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 a restoration or original construction. The project must be operational and meet minimum safety standards. AC projects must be 110/120 V, no 240 V exhibits are allowed, and must be constructed such that the judges have access to examine the quality of workmanship.
- Class 2303 DC Electric Projects
Electric projects with a battery or direct current power source. This class includes electric kits or original projects. This class also includes demonstration DC powered projects. Examples include: wiring two or three way switches, difference between series/parallel lighting circuits or wiring doorbell switches. All DC electric projects must include batteries supplied by 4-H'er. Projects must be constructed such that the judges have access to examine the quality of wiring workmanship.
- Class 2304 Electronics Projects
Electronic projects with a battery or direct current power source. This class includes electronic kits or original projects. Examples include radios, telephones, toy robots, light meters, security systems, etc. May be constructed using printed circuit board, wire wrap, or breadboard techniques. Include instruction/assembly manual if from a kit. Include plans if an original project. Projects must be constructed such that the judges have access to examine the quality of wiring workmanship.

SECTION B—ALTERNATIVE ENERGY

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

- Class 2310 Educational Display
Create an exhibit that addresses a focused topic related to power generated from a renewable energy source. The purpose of the exhibit is to inform and create awareness.
- Class 2311 Experiment
Display an experiment addressing a problem or question related to power generated from a renewable energy source. Include hypothesis, background research, variables, a control, data, findings, conclusions and recommendations for future study.

SECTION C – SMALL ENGINES

All exhibits should involve engines smaller than 20 horsepower for classes 4610-4612. Displays are limited to 4' wide and 4' deep – both upright and floor displays

- Class 2315 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 garden equipment parts; OR 2) a display identifying and explaining the function(s) of different special tools needed for small engine work; OR 3) a display illustrating and providing the results of any one of experiments that are included in the project books. No complete engines, lawn tractors, tillers, chainsaws are permitted for display. Maximum tri-fold size is 3'x4'.
- Class 2316 Maintenance
Exhibit a display that illustrates either 1) Routine maintenance procedures OR 2) Diagnosing and troubleshooting specific problems in an engine. No complete engines, lawn tractors, tillers, chainsaws, etc. are permitted for display, using a maximum tri-fold size of 3'x4'.

Class 2317 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 is 3'x4'.

DEPARTMENT 24—ENTOMOLOGY

Department Chair: Sharon Dobesh-Beckman
Jr. Assistant: Kristina Powell

ENTRY: Thursday, July 27; 8:00-noon

JUDGING: Thursday, July 27; 1:00 p.m.

1. Exhibits are to reflect part of exhibitor's learning experience in the entomology project. Refer to the publication "*4-H Entomology: Collecting and Exhibiting*" revised April 2008 for guide lines on the project. **We are transitioning from the taxonomy as listed in the "Insects of Kansas" book to the taxonomy listed on the "insects in Kansas Book: 2017 Revised Taxonomy" which follows www.bugguide.net.**
2. A 4-H member may choose to exhibit in the collection educational class and/or notebook class for the phase in which his/her are enrolled..
3. Collections for all phases are to be placed in **plexiglass** covered (Plexiglass required) wooden boxes with outside measurements of 18 x 24 x 3½". See "4-H Entomology: Collecting and Exhibiting" publication. Exception: Introductory Entomology may be displayed in small cardboard or plastic display boxes (one or two boxes with total display area no more than 130 square inches): Boxes can be homemade by placing a layer of polystyrene foam in the bottom of a shoe box, school box or storage container, or can be purchased from a biological supply company. For the exhibit, the boxes should be covered with a piece of plastic wrap or acrylic glass taped across the top of the box.
4. Each exhibitor is required to identify each box with two identification labels by placing an identification label bearing exhibitor's name, county or district, the class and **statement of taxonomy used: a) "Insects in Kansas" book or b) "Insects in Kansas Book: 2017 Revised Taxonomy" which follows www.bugguide.net**
The number of order, specimens (and families where required) must be included on both of the exhibitor's box identification labels. **Only adult specimens can be used in collection boxes; however one female and one male of a species correctly identified can be displayed.** One label goes in the upper left hand corner of the box (inside) of each box, and another on the lower right corner on the outside of the box. Arrange specimens in the box so it can be displayed lengthwise. The sequence arrangement of the Orders in the box will be left up the member. It is suggestion 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. 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 is a date/locality label. Full county name, state abbreviation on the second label are encouraged for 2017 and will be required in 2019. "Collector's name on the date/locality label is optional". During the transition, Orders and Family names should follow the taxonomy either
 - (a) as Printed in "Insects of Kansas" book or
 - (b) As printed on the "Insects in Kansas Book:2017 Revised Taxonomy", which Follows www.bugguide.net.Project members are encouraged to progress towards option b by 2019 or as revised "Insects in Kansas Book" is available.
5. Specimens in a collection may be carried over from year to year, as long as they are in good condition and are mounted properly. All specimens in poor condition should be replaced except for the "rare find." A battered "rare find" is better than no find at all. As a 4-H member moves from one phase to another, there should also be added a substantial number of new specimens.

6. When exhibiting in a class for more than one year there should be a definite improvement from year to year.
7. Insect specimens for county exhibits may be collected from any state, but remember, if you should be able to go to the State Fair, it requires that insects be from Kansas or one county into bordering states and labeled accordingly to count. **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. Purchased insects are not to be exhibited in collections, but they may be used in educational displays.**
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. **Educational classes** are limited to one standard box and a maximum of 150 specimens, and work performed during the current year. Title of the exhibit should be indicated inside the box. Purpose of the project is to learn more about the importance, life cycles, biology, ecology, diversity, etc. of the insects and related arthropods. Subject matter can be varied as the animals themselves.
10. Specimens of soft bodied insects such as aphids, lice, collembola, termites and 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
12. Interview judging is available. Sign up at time of entry.
13. Introductory Entomology does not qualify for State Fair.
14. Champion and reserve champion will be awarded in: Introductory, Beginning, Intermediate and Advanced.

SECTION A-ENTOMOLOGY

INTRODUCTORY ENTOMOLOGY

Class 2401Introductory Entomology is designed for beginners. 4-H'ers may exhibit in this class a maximum of three years. Insects may be displayed in one or two boxes (see rule # 4 above). Number of specimens: 15 minimum, 30 maximum. Number of orders: minimum of six basic orders.

Orthoptera: grasshoppers, crickets, katydids.

Hemiptera: bugs.

Homoptera: cicadas, leafhoppers, aphids.

Coleoptera: beetles.

Diptera: flies.

Hymenoptera: wasps, ants, bees.

Each of these six orders shall be represented by at least three different species.

Order labels shall be pinned to the base of the box. Two labels are required on each specimen. The first label directly beneath the insect, centered on the pin, is the common name label. Examples of common names include: grasshopper, cricket, flies, etc. The second label is a locality/date label. It will be centered on the pin beneath the common name label. Locality refers to location where insect was collected. Date refers to the date specimen was collected. Labels should be uniform in size and neat, hand printing is preferred. This class does not qualify for State Fair.

BEGINNING I ENTOMOLOGY

Class 2402 Class Collection: This class consists of a collection displayed in one standard box with a minimum of 50 and a maximum of 125 species representing at least 7 Orders. Specimens should be grouped in the box

according to **order**. Order labels should be pinned to the base of the box. Follow the general instructions above. *State Fair qualification:* members can exhibit in this class a maximum of 3 years, or until they receive a purple ribbon in this class at the Kansas State Fair, whichever comes first.

BEGINNING II ENTOMOLOGY

- Class 2403 Class Collection: This class consists of a collection displayed in one standard box with a minimum of 75 and a maximum of 150 species representing at least 9 Orders. Specimens should be grouped in the box according to **order**. Follow the general instructions above. *State Fair qualification:* members can exhibit in this class a maximum of 3 years, or until they receive a purple ribbon in this class at the Kansas State Fair.
- Class 2404 Beginning I & II Educational Exhibit, see rule #9

INTERMEDIATE CLASS

- Class 2420 Class Collection: This class consists of a collection displayed in one or two standard boxes with a minimum of 100 and a maximum of 300 insects representing at least 10 Orders. 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:2017 Revised Taxonomy”, which follows www.bugguide.net – Odonata, Orthoptera, Hemiptera, Coleoptera, Hymenoptera and/or Diptera.**
- On a piece of paper list what you did to improve your collection during the current year. 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 front of one of the display boxes.
- State Fair qualification:* members can exhibit in this class a maximum of 3 years.
- Class 2421 Intermediate Educational Exhibit, see rule #9

ADVANCED ENTOMOLOGY

- Class 2430 Class collection: This is a display of a minimum of 150 and a maximum of 450 insects representing at least 12 orders. Three standard boxes can be used. Family identification is required for all insects belonging to the six basic Orders (those listed under the Intermediate Class). Family identification of insects in the remaining Orders is optional, but desirable as long as accuracy is maintained. All butterflies appearing in the collection should be labeled with the correct common name. Members may continue to exhibit in this class for an unrestricted number of years as long as they remain eligible for 4-H membership.
- State Fair qualification:* member may continue to exhibit in this class at the State Fair for an unrestricted number of years as long as they remain eligible for 4-H membership. **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.**
- Member must list on the back of the box what he/she did this year to improve the project.
- Class 2431 Advanced Educational Exhibit, see rule #9

NOTEBOOK CLASSES:

1. Individual entries are to be placed for display in a three-ring notebook for competition.
2. During the transition, Orders and Family names should follow the taxonomy either
 - a) **“Insects in Kansas” book – Orthoptera, Hemiptera, Homoptera,**

- Coleoptera, Hymenoptera, and/or Diptera or**
 b) **“Insects in Kansas Book: 2017 Revised Taxonomy”, which follows**
www.bugguide.net – Odonata, Orthoptera, Hemiptera, Coleoptera,
Hymenoptera and/or Diptera.

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 exhibitors name, county or district and class 4-H’er is enrolled in and state of taxonomy used. 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 and state abbreviation 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 as well 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. <http://www.kansas4-h.org/agriculture-and-natural-resources/entomology>

SECTION B—ENTOMOLOGY COLLECTION NOTEBOOKS

Class 2440 Introductory Collection Notebook,
 Display a minimum of 10 and a maximum of 30 insect species representing at least 6 different orders. Follow the general guidelines listed for Notebooks, including the special project. A 4-H member may exhibit in this class for a maximum of two years.

Class 2441 Beginning Collection 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. A 4-H’er may exhibit in this class for a maximum of three years or until they receive a purple ribbon at the Kansas State Fair, whichever comes first.

Class 2442Intermediate Collection Notebook
 Display a minimum of 60 and a maximum of 100 species representing at least 9 orders. Follow the general guidelines listed for Notebooks, including the Special project. In

addition, family identification is required for all insects in any two of the following six orders: (Only two will be counted for judging).

- a) "Insects in Kansas" book – Orthoptera, Hemiptera, Homoptera, Coleoptera, Hymenoptera, and/or Diptera or
- b) "Insects in Kansas Book: 2017 Revised Taxonomy", which follows www.bugguide.net – Odonata, Orthoptera, Hemiptera, Coleoptera, Hymenoptera and/or Diptera.

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

Class 2443 Advanced Collection Notebook
Display a minimum of 100 and a maximum of 200 species representing at least 12 orders. Follow the general rules listed for Notebooks, including the Special project. Follow the general guidelines listed for Notebooks. Family identification is required for all insects belonging to the six basic orders as outlined under the Intermediate phase. Only families in the above six orders will be counted for judging. Family identification of insects in the remaining orders is optional, but desirable as long as accuracy is maintained. Members may continue to exhibit in this class for an unrestricted number of years as long as they remain eligible for 4-H membership.

SECTION C – ENTOMOLOGY EDUCATIONAL DISPLAY

All entries should be submitted in an 18x24x3.5 wooden display box with clear plastic top. Arranged to be displayed length-wise. 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. Displays may consist of specialized groups of insects or their close relatives, or related to any aspect of their behavior, biology or ecology. Display should include only work performed during the current year. Title of the exhibit should be indicated inside the box. 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.

- Class 2450. Beginning Educational Display 9-12 age.
- Class 2451. Intermediate Educational Display 11-14 age
- Class 2452. Advanced Educational Display 13 or older

DEPARTMENT 25—GEOLOGY

Department Chair: Chris Anderson

ENTRY: Thursday, July 27; 9:00-noon
JUDGING: Thursday, July 27; 9:00-noon

INTRODUCTORY RULES ONLY

1. Limited to those 7, 8 and 9 years of age.
2. Be enrolled in the geology project.
3. Identify each display by placing an identification label bearing the member's name, county, number of specimens, and class number in the upper left hand corner on the back of the display.
4. All specimens must be collected in the state of Kansas during the 4-H year.
5. Interview judging is available. Sign up at time of entry.

SECTION A—INTRODUCTORY GEOLOGY

Class 2501 Display at least five fossils and five rocks and/or minerals. Group the specimens according to these two categories. Each specimen should be glued to a piece of white poster board or foam core board no more than 18" x 24". The class name should be written at the top of the display. The following information should be written about each specimen on a small sheet of white paper or a white note card and glued underneath the appropriate specimen. For fossils write: (a) the number, (b) the date collected, (c) the location where it was found, (d) whether it was a plant or animal, (e) the kind of environment in which it might have lived, (f) whether it is portion or a complete fossil, (g) its name (optional). Rocks and minerals should be displayed so that a freshly fractured surface is visible. For rocks and minerals write: (a) the number, (b) the date collected, (c) the location where it was found, (d) its color, (e) its hardness (from very soft to very hard), (f) the texture of its fractured surface (from very smooth to very rough), (g) its luster (shiny or dull), (h) its name (optional). During county fair judging, no points will be deducted for incorrect identification of rocks, minerals or fossils.

GENERAL RULES:

1. Be enrolled in Geology Project.
2. The standard size exhibit box should be 18x24x31/2". All specimens are to be arranged across the narrow (18") dimension of the exhibit box, making the exhibit 18" across the top and 24" deep. The plexiglass cover must be removable from the top. Screws, locks or other devices that would prevent judges from removing cover should not be used.
3. Each exhibitor is required to identify each display box by placing an identification label bearing name, county 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 corner of the box (outside). The inside label is also to indicate the class number.
4. Exhibitor may enter in both geology and lapidary classes. Exhibitor may show in only one of the first four geology classes (2502, 2503, 2504, or 2505). Exhibitor may also show in geology class 2506 (special exhibit) and in one of the lapidary classes.
5. Specimens should be labeled with the number of the specimen, date collected, specimen name or description, and locality (county only) where collected.
6. Specimens should be mounted in the box by the proper groups - rocks, minerals, fossils. Fossils must be identified to the Phylum, Class and Genus Level. Genus name is to begin with a capital letter. Species name is all lower case. Genus and species names must either be italicized or underlined, not both. The words "phylum, class, genus" on labels are to be spelled out, not abbreviated. More than one specimen of the same kind of rock or mineral or species of a fossil may be exhibited if this duplication represents different geological formations. Specimen label must show this distinction (Fort Hays limestone, not just limestone); calcite from the Greenhorn formation, not just calcite; Phylum: Brachiopoda Class: Articulata Genus: Composita from the Morrill Limestone Member, not just Phylum: Brachipodoa Class: Articulata Genus: Composita.
7. All specimens must be collected (not purchased) from locations in Kansas, with the exception of Tri-State Mining Area specimens collected from these three adjacent counties: Ottawa county, OK; Newton and Jasper Counties, MO. Out-of-state specimens may be exhibited in a marked section of the display, but these are not to comprise the major portion of the exhibit. OUT-OF-STATE SPECIMENS WILL NOT COUNT IN THE MINIMUM NUMBER FOR THE CLASS, NOR WILL THEY BE CONSIDERED IN THE JUDGING.
8. Interview judging is available. Sign up at time of entry.
9. Champion and reserve champion will be awarded.

SECTION B—GEOLOGY

- Class 2502Display at least 15 different rocks, minerals or fossils collected during the current 4-H year. Limited to one exhibit box. Fossils must be identified at the Phylum level. *For State Fair qualifications:* those exhibiting at State Fair for the first time may enter this class.
- Class 2503Display at least 30 different rocks, minerals or fossils, at least 5 of each. **Fifteen must be collected during the current 4-H year.** Limited to one exhibit box. Fossils must be identified at the Phylum level. *For State Fair qualifications:* this class open to those exhibiting either first or second time at State Fair.
- Class 2504 Display at least 45 rocks, minerals or fossils, at least 5 of each. **Fifteen must be collected during the current 4-H year.** 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; exact species must have different formation names listed on the I.D. card; Composita Brachiopod from Morrill Limestone not just Brachiopod or Composita Brachiopod). Exhibit limited to two boxes 18" x 24" x 3 1/2" with **plexiglass** covers. Rocks must be identified by their proper name and type (igneous, sedimentary, and metamorphic). These rock types must be spelled out on labels or have a legible key. Fossils must be identified at the Phylum level. *For State Fair qualifications:* this class is open to those exhibiting either the third or fourth time at the State Fair.
- Class 2505 Display at least 60 rocks, minerals, or fossils, at least 5 of each. **Fifteen must be collected during the current year 4-H year.** 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; exact species must have different formation names listed on the I.D. card; Composita Brachiopod from Morrill Limestone not just Brachiopod or Composita Brachiopod). Exhibit limited to two boxes 18"x 24 x 3 1/2" with **plexiglass** covers. Rocks must be identified by their proper name and type (igneous, sedimentary, and metamorphic). These rock types must be spelled out on labels or have a legible key. Fossils must be identified at the Phylum, Class and Genus levels if possible. *For State Fair qualifications:* this class is open to those exhibiting the fifth time or more at the State Fair.
- Class 2506 Geology Educational exhibit relating geology 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. Exhibit limited to 4 feet of table space or not more than two exhibit boxes. Exhibitor may show in the class regardless of number of times he or she has exhibited at the County Fair or whether exhibitor has entries in classes 2502, 2503, 2504, and 2505. Exhibitor may also exhibit in any lapidary class. Digital formats are accepted. Please make arrangements for the judge to view your exhibit and have a hard copy for display. *For State Fair qualifications:* exhibitor may show in the class regardless of number of times he or she has exhibited at State Fair or whether exhibitor has entries in other classes. Exhibitor may also exhibit in lapidary class.
- Class 2507Mineralogy
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. The specimens must be labeled with the number of the specimen, date collected, name of specimen, county where collected and chemical composition (i.e.: CaCO₃ for calcite) if known.

SECTION C—LAPIDARY

The lapidary classes will be judged on the following criteria: workmanship and content, 60 points; presentation and showmanship, 30 points; accuracy of information, 10 points. An exhibit box smaller than the standard size may be used for the lapidary exhibits if

appropriate (18"x12"x3 1/2"). But cannot exceed 18"x24"x3 1/2". Specimens should be arranged across the 18" dimension of the exhibit box, making the exhibit 18" across the top and 12" deep.

Class 2508 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.

Class 2509 Lapidary. Display before and after examples of at least 3 varieties of specimens, at least 2 tumble-polished and 2 unpolished of each. There is no requirement that the 4-H'er collect any of these. Locales must be identified. Lapidary work should be done during the current 4-H year.

Class 2510 Lapidary. Display before-and-after examples of at least 6 varieties of specimens, at least 2 tumble-polished and 2 unpolished of each. At least two varieties should be collected from the native site by the 4-H'er, at least one of which comes from Kansas. Locales must be identified. Lapidary work on at least three varieties should be done during the current 4-H year.

Class 2511 Lapidary. Display before-and-after examples of at least 9 varieties of specimens, at least 2 tumble-polished and 2 unpolished of each. At least three varieties should be collected from the native site by the 4-H'er, at least two of which comes from Kansas. Locals must be identified.

Class 2513 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.

DEPARTMENT 26—PHOTOGRAPHY

Department Chair: Aaron Clanton

Jr. Assistants: Talia Clanton, Jacob Clanton, Chessa Parker, Chanae Parker
Hank Hinojosa

ENTRY & JUDGING: Thursday, July 27; 8:00 a.m. - according to club interview judging schedule. Any 4-H'er who does not participate in interview judging must enter his/her exhibits by noon.

1. Exhibitors must be enrolled in photography. Digital and film pictures will not be separated.
2. Exhibitors may enter **3 entries per class** in their experience level plus 2 entries from the Section B-Specialty Photography classes. A maximum of 4 pictures may be interview judged. If the exhibitor cannot be present but would like to know the judge's comments, inform the Department Chair upon check in so the judge can provide written comments on the back of the entry card. **Place a I in the top right corner of entry card for interview judging.**
3. Entry slips should be taped to the back of the photo mount.
4. Tape with masking tape a name slip (available at the Extension Office) on front bottom.
5. No lettering or date stamp is permitted on the photo or on the front of the mount, only on the form provided. If a date, border or underlay are on the photo, the ribbon placing will be lowered one ribbon.
6. All photographs must be the result of the current 4-H year's work and by the entrant.
7. Each photo entered must be from a different original picture.
8. Mounting instructions:
Display board entries must be 11" x 12 1/2" white or cream colored studio mount. Photos mounted on foam core or poster

11" across top
1" from top

board will not be displayed. Photos must be mounted across the **narrow (11") dimension** of the board. Photos must be mounted with the top edge of the print 1" below the top of the mount board. The sides of the print must be equal distances from the two sides of the mount board. A permanent mount must be made by using photographic adhesive. Remove white border from the enlargement before mounting. Improperly mounted photos will be lowered one ribbon placing. Place photo in a 2 gallon self-sealing bag. Bags are the responsibility of the exhibitor.

9. Junior, intermediate and senior champions and reserve champions will be awarded in both color and black/white divisions.
10. 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.
11. 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 county fair.
12. 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**.
13. Copyright protections must be observed.

SECTION A—PHOTOGRAPHY

Phase: 3 years or less in photography project

Class 2601 Best 7" x 9" to 8" x 10" color enlargement; cropping allowed

Class 2602Best 7" x 9" to 8" x 10" black and white enlargement; cropping allowed

Phase: 4 years or more in photography project

Class 2610 Best 7" x 9" to 8" x 10" color enlargement; cropping allowed

Class 2611Best 7" x 9" to 8" x 10" black and white enlargement; cropping allowed

SECTION B – SPECIALITY PHOTOGRAPHY

(Experience level not a requirement.)

Video/Movie:

Class 2630 Video/Movie

Entries must be full motion not a series of still images with pan or zoom motion added by a software program. All content must be the result of the current year's project work. All content must be original and created by the exhibitor(s) unless signed copyright, use and/or performance releases are provided. Entries may be created by an individual or by a team. Talent, computer editing, titles, graphics, animation and music are allowed and recommended. Entries must be one of the following production types: Instructional, Informational, Documentary, Persuasive/PSA, Story or Entertainment. Length must be no longer than three minutes with the exception of Persuasive/PSA which must either be 30seconds or 60 seconds. Entries will be evaluated on design characteristics, technical content, production quality, and effectiveness. Entries not adhering to the rules and requirements will b awarded a ribbon one placing lower than the placing determined by the judge. Videos must be in a DVD standard format, so as to be playable on a laptop computer.

Digital Composite Image:

Class 2650 Digital Composite Image

Photo must be from original(s) taken by the exhibitor. Exhibitor must include a second 11 x 12-1/2 matte board mounted with standard size prints of the original photo(s) , 3x5 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. Explanation boards will be displayed as a group to explain and promote the class. Place both matte boards in the same protective plastic bag. Must use 2 photos to compile image in order to enter at Kansas State Fair.

PHOTO JUDGING CONTEST
Photography Department Chair

Contest: Saturday, July 29, 1:00 - 2:30 p.m.

Location: Pottorf Hall

1. 4-H'ers enter as individuals in either a junior (7-13) or senior (14 and over) division.
2. Registration begins at 1:00 p.m.

DEPARTMENT 27—FORESTRY

Department Chair: Gwen Eyestone

ENTRY: Thursday, July 27; 10:00 - noon

JUDGING: Thursday, July 27; 10:00 - noon

1. All exhibits to be mounted on 8½" x 11" heavy stock paper and placed in loose leaf binders. (Magnetic or adhesive filler sheets for photographic prints are recommended.) Spray adhesive works well.
2. Name, club, age and year in project should be on front cover.
3. Leaves should be identified with an appropriate label located near the leaf on the same page. These labels should include (1) the proper common name as listed in the 4-H Bulletin 334, "List of Native Kansas Forest Trees"; (2) location (city and/or county) where collected; and (3) date (day-month-year) collected.
4. See Forestry Project booklet (4-H 279) for details on mounting and pressing.
5. Divide specimens into the following two sections: Native Kansas Trees, and Non-Native Trees.
6. **New** specimens are those specimens collected during the current 4-H year.
7. Have samples grouped according to the year (such as "old previous" and "new"). New specimens collected during current year, cannot be a duplicate species of a previous specimen. When replacing a "previously displayed" sample, the label must be updated and the specimen displayed in the "old previous" section.
8. Variations of varieties do not count as different species or specimens.
9. Interview judging will be offered. Sign up at time of entry.
10. Champion and reserve champion will be awarded.

SECTION A—INTERMEDIATE FORESTER

KNOWING TREES AS INDIVIDUALS

Class 2701Beginning - Exhibit leaves of a minimum of 10 different native Kansas trees. Or leaf, twig with a bud, and fruit of five different native trees. Can include non-native specimens in addition to the required native Kansas tree specimens.

Class 2702 Intermediate - Leaf specimens only. Exhibit leaves of a minimum of 20 (includes at least **10 new** in addition to those previously exhibited) different native Kansas trees. Or leaf, twig with a bud and fruit of 10 different trees (include at least **5 new** in addition to those previously exhibited). Can exhibit non-natives in addition to native Kansas trees.

Class 2703Senior - Exhibit leaves of a minimum of 30 (Includes at least **10 new** leaves Kansas trees (not shrubs) Or leaf, twig and fruit of 15 different trees (includes at least **5 new** in addition to those previously exhibited). Can exhibit non-native in addition to the required native Kansas trees.

Class 2704 Advanced - Exhibit leaves of a minimum of 40 different (includes at least **20 new** specimens) different native Kansas trees. Or leaf, twig, and fruit of 20 different trees (includes **10 new** plus those from previous

exhibits). Exhibit can contain non-native in addition to the required native Kansas trees.

HOW A TREE GROWS

Class 2720 Display: 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

Class 2730 Display: Entry may include a research or reporting project 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.

SECTION B—SENIOR FORESTER

GROWING AND PROTECTING TREES

Class 2740 Display required notebook telling about project and pictures before, during and after planting seedlings.

TREE CULTURE

Class 2750 Display required notebook showing your project work and include pictures of before, during and after woodlot improvement.

HOW FORESTS SERVE US

Class 2760 Display collected wood samples (all or partial) and 500 word essay. Wood sample display to be mounted on poster board or any stiff mounting material no larger than 3' wide x 4' high. Essay should be displayed in a covered binder.

EDUCATIONAL/CREATIVE EXHIBIT

Class 2770 Display: Entry must be directly related to tree identification or forestry. Type of exhibits is open (notebook, poster, collection box, etc.) Given a maximum size of 3' x 4'. Care should be taken to use durable materials that will withstand Fair conditions. This is a good class to exhibit an unusual collection.

DEPARTMENT 28—SPACE TECH

Department Chair: Jim Barnard
Jr. Assistant: Jonathan Hoepner, Nate Nichols

ENTRY: Thursday, July 27; 8:00 - noon

JUDGING: Friday, July 28; 1:00 p.m.

1. Read general rules.
2. 4-H members must be currently enrolled in the 4-H Space Tech program to exhibit in this division.
3. Each exhibitor may display one entry per class.
4. Exhibits must have been completed during the current year.
5. Interview judging is available. Sign up at time of entry.
6. Junior and senior champions and reserve champions will be awarded.

SECTION A—ROCKET

The Kansas 4-H Space Tech Rocketry program is designed to allow 4-H members to explore aerospace through rockets of various sizes.

Exhibit Information for ALL rocketry categories:

1. All revisions of all forms previously released for the SpaceTech division either undated or dated prior to 2013 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 the Extension office or from www.kansasspacetech.com Click on KS Fair packet.
3. For all Divisions – Sources of scientific information must be cited on the front of our exhibit, including all posters and educational display boards.
4. NAR refers to the National Association of Rocketry and its governing board.
5. All NAR documents, with the exception of the “pink book”, referenced herein can be found at <http://www.nar.org>
6. If a fire burn ban is in effect for Riley County, participants are not required to launch their rocket(s). All requirements for the launching of rockets for the county and state fair and the documenting of the launching are suspended for the duration of the ban.

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” 50.4-1)
2. Adult supervision is defined as being under the direct supervision of someone 18 years of age or older.
3. For the purpose of Kansas 4-H SpaceTech 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 20.01 Newton-seconds of thrust. (e) Models powered by rocket motors not classified as model rocket motors per NFPA 1122, e.g; Average thrust in excess of 80.01 Newtons, 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 SpaceTech exhibitors and will be considered during judging.
6. For the purposes of Kansas 4-H SpaceTech, 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 SpaceTech division.

1. 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.
2. The report that accompanies the rocket must be limited to the 4-H SpaceTech Exhibit Information Form which is affixed to a 10” x 13” envelope. This may be downloaded from <http://www.Kansas4-h.org/>
3. Plans (or a photocopy) must be placed inside the envelope.
 - a. This included 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.

4. 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 exhibitor included.
 - e. Do not include photos of members catching their rockets as they return to the earth. This is an unsafe practice, and we do not recommend or condone this practice.
5. 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.
6. 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.
7. All rockets must have a safe method of recovery, parachute, streamer or tumble recovery. Any rocket without a recovery system will be disqualified.
8. Flight damage is to be documented by the participant on either the construction plans or the 4-H SpaceTech Rocket Exhibit Information Form.
9. 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.
10. Engines and igniters, under any circumstance, ARE NOT permitted with the exhibit and constitute an immediate disqualification.
11. 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.
12. Engines may not be used as display stands hollowed out or otherwise. Engines used as a display stand will be subject to immediate disqualification.
13. 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.
14. Multi-stage rockets can be flown using just the final stage and be considered fully flown.
15. 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.

Construction Rules for ALL rocketry categories: Purpose: These rules apply to the construction of all rockets displayed in the SpaceTech 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 given a participation ribbon.
3. Plastic snap together fins and prefabricated fin assemblies that do not require fin alignment are not acceptable, and will be given a participation ribbon.
 - 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
5. Fins should be rounded or streamlined to reduce drag on all exposed sides unless instructors 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. The nose cone is to fit snugly but still allow for easy removal.
10. Body tubes/airframes/engine mounts can be made from suitable materials, including, but not limited to: reinforced paper, cardboard, phenolic resin, specialized polymer resins, fiberglass, Kevlar, or other suitable structural materials.
11. Exhibits must be uniformly painted and smoothly finished or finished as per rocket instructions, and have decals applied smoothly.
12. Non standard surfacing (such as textured paint) may be used if directed by the instructions, this includes scratch built rockets.
13. Models may not be judged based on their paint scheme (colors and placement on the rocket), with the exception of rockets that fit the definition of a "scale model". All other rockets do not have to follow the suggested paint scheme, allowing the 4-Her to display maximum creativity in the finishing of their rocket. (a) Under no circumstances is the weight given to the paint scheme to be sufficient enough, by itself, to move the model from one ribbon placing to another.
14. "Scale Models" 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 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 1st of the current 4-H year. However in the event that there is a modification in this code, the SpaceTech 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 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'ers are strongly encouraged to provide as much detail as possible.

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 areas 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.

Division A – Exhibitors 7 through 13 years old

- Class 2801Rocket made from kit. Include plans
 Class 2802 Rocket designed by exhibitor; not merely a modification of an existing kit.
 (Include original plans)

Division B – Exhibitors 14 years and older

- Class 2804Rocket made from kit. Include plans..
 Class 2805Rocket designed by exhibitor; not merely a modification of an existing kit. Include original plans.
 Class 2806 Rocket designed by exhibitor that uses alternative skins; not merely a modification of an existing kit. Include original plans.

Division C – Exhibitors 11 years and older

This class is designed to encourage teamwork among individuals and clubs to work on a rocket from the initial design to the finished product.

- Class 2807Rocket 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 General exhibit 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 in this division. As such all exhibitors must comply with the NAR High Power Rocket Safety Code that is in effect as of October 1st of the current 4-H year. However in the event that there is a modification in this code the SpaceTech 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 that waiver is to be attached to the High Power Information Form. In the case where the launch was a public event a substitute to a copy of the waiver is the Range Safety Officers (RSO's) contact information.
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.

Division D -Exhibitors 14 years and older

2808. High power rocket made from kit or original design.

Rocketry Educational Exhibits – Posters, Notebooks and Display Boards

Purpose: To allow 4-Hers to explore rocketry and aerospace outside the bounds of traditional modeling.

1. The General exhibit rules for ALL categories apply.
2. Each State Fair Rocketry Educational exhibit must include a "4-H Educational Rocketry Exhibit Information Form," which should be attached to the outside of a 10" x 13" manila envelope. For notebooks, display boards, and posters, no Additional exhibit information required; no manila envelope needed for these exhibits.
3. Exhibits may not consist of only a rocket, but must contain substantial supporting educational material in the form of posters, notebooks, or display boards, etc.
4. Displays should be creative and showcase something specific you have learned in the Rocketry project during the current 4-H year.
5. 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." Site your sources of scientific information on your exhibit, when appropriate.
6. Educational displays are not to exceed a standard commercial 3'x 4' tri-fold display board. No cardboard table exhibits will be allowed. Care should be taken to use durable materials that will withstand fair conditions.
7. "Construction Kits" that are part of Educational displays must be contained in cases (tackle boxes, sealable containers, etc.) that may not be larger than 1' X 2' X 2' and must have a latch which securely keeps all components contained in the "Construction Kits". Other components are to adhere to appropriate dimensions as stated elsewhere.
8. Rocketry Educational Project notebooks must be organized in a 3-ring binder.
9. Educational posters must be no larger than a 22" X 28" poster board.
10. Engines and igniters **ARE NOT** permitted with the exhibit and constitute an **immediate disqualification**. This is for safety reasons and includes both spent

and live engines.

11. Exhibitor's name, 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.
12. Exhibits should possess the following qualities (in no particular order):
 - a. A Central theme
 - b. What you want others to learn
 - c. Be designed and constructed in a manner befitting the exhibit
 - d. Be something you are interested in
 - e. Be related to model or high power rocketry
 - f. And those characteristics described above.
 - g. Rockets that have crashed and/or are highly damaged that can't be launched again may be made into an educational display or poster that tell a great story with many lessons learned.

Division E -Exhibitors 9 through 13 years old

Class 2809. Rocketry Educational Display, or notebook, or poster board

Division F-Exhibitors 14 years and older

Class 2810. Rocketry Educational Display, or Notebook, or Poster Board

SECTION B—ASTRONOMY

1. The 4-H member must be currently enrolled in the 4-H SpaceTech project to exhibit in this division.
2. Each exhibitor may enter one exhibit per class. Exhibit must have been completed during the current 4-H year.
3. 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 three 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, displayed boards, and posters, no additional exhibit information is required; no manila envelopes 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 smoothly and tightly.
8. Telescopes designed by the exhibitor must be original, not a modification of an existing kit.
9. Educational displays should be creative and showcase something specific the 4-H member has learned in the Astronomy project during the current 4-H year. Follow copyright laws, as explained in the General Rules. Site your sources of scientific information on your exhibit, when appropriate.
10. 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 fair conditions. No electricity will be provided.
11. 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.
12. Astronomy educational posters must be no larger than a 22" x 28" poster board.
13. Astronomy project notebooks must be organized in a 3-ring binder.

Class 2820. Telescope made from kit

Class 2821. Telescope made from original design

Class 2822.Astronomy Educational Display
 Class 2823.Astronomy Educational Notebook
 Class 2824.Astronomy Educational Poster

SECTION C—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.
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. Robots powered by fossil fuels/flammable liquids will be disqualified. 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. A robot designed and constructed by two or more 4-H Space Tech project members which is eligible for the Team Robotics Challenge, if entered. The Robotics Challenge is a separate class number and activity for general robotics. Robots that include weaponry of any kind will be disqualified. Weaponry is defined as any instrument, possession or creation, physical and/or electronic that could be used to inflict damage and/or harm to individuals, animal life, and/or property.
7. Each robot must be in operable working condition. The judges will operate each robot to evaluate its workmanship and its ability to complete the required tasks for this current 4-H year.
8. Each exhibitor is required to complete the “4-H SpaceTech Robotics Exhibit Information Form” which is available through your local K-State Research and Extension office. This form must be attached to the outside of a 10” x 13” manila envelope. For notebooks, displayed boards, and posters, no additional exhibit information is required; no manila envelopes is needed for these exhibits.
9. The exhibit must include written instructions for operation, construction plans, one to three pages of project photographs or a 5 minute CD, DVD, or video presentation, and robot programming information, if applicable. 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.
10. Creativity, workmanship, and functionality will be strong criteria in judging the “Robot designed by Exhibitor” classes.
11. 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.
12. 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 State Fair conditions. No electricity will be provided.
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.

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

Class 2830. Robot made from a commercial (purchased) kit.
 Class 2831Robot designed and constructed by exhibitor.

The robot must not be a mere modification of an existing robot kit or plan.
 Class 2832. Programmable robot made from a commercial (purchased) kit.
 Class 2875 Junk Drawer Robot -based curriculum robot
 Class 2833. Robotics Educational Display
 Class 2834. Robotics Educational Notebook
 Class 2835 Robotics Educational Poster

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

Class 2836. Robot made from a commercial (purchased) kit.
 Class 2837. Robot designed and constructed by exhibitor.
 The robot must not be a mere modification of an existing robot kit or plan.
 Class 2838. Programmable robot made from a commercial (purchased) kit.
 Class 2876 Junk Drawer Robot – based curriculum robot
 Class 2839. Robotics Educational Display
 Class 2840. Robotics Educational Notebook
 Class 2841. Robotics Educational Poster

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

Class 2842 Robot made from a commercial (purchased) kit
 Class 2843. Robot designed and constructed by exhibitor.
 The robot must not be a mere modification of an existing robot kit or plan.
 Class 2844. Programmable robot made from a commercial (purchased) kit.
 Class 2877 Junk Drawer Robot – based curriculum robot
 Class 2845. Robotics Educational Display
 Class 2846. Robotics Educational Notebook
 Class 2847. Robotics Educational Poster

Division D – Team Robotics Project

Class 2848. 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. Exhibitors in this division will be assigned a task for their robots to perform. The Tasks are changed annually. Please visit the Space Tech website www.kansasspacetech.com for the current year's task. Click on the KSF Packet Link.
 Class 2849. Team Robotics Educational Display
 Class 2850. Team Robotics Educational Project Notebook
 Class 2851. Team Robotics Educational Poster

SECTION D—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. Computer Systems – Physical computers as an exhibit will not be accepted.
3. The 4-H members must be currently enrolled in the 4-H SpaceTech project to exhibit in this division.
4. 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.
5. Educational display boards, posters and notebooks should be creative and

showcase something specific you have learned in the computer project during the current year. Follow copyright laws, as explained in the General Rules as you are preparing your exhibit(s).

6. Educational posters must be no larger than 22" x 28" poster board.
7. Educational displays are not to exceed a standard commercial 3' x 4' tri-fold display board. Commercially available "Science Fair Presentation Boards" are encouraged. Exhibitors are encouraged to laminate all posters and maps or cover them with clear plastic film.
8. Project notebooks must be organized in a 3-ring binder.
9. Exhibitor's name, county or district, age, and years(s) in project must be tagged or labeled in a prominent location on the exhibit, educational display, notebook, and/or poster.

Class 2871..... Computer Display Board
 Class 2872..... Computer Poster
 Class 2873..... Computer Notebook

SECTION E—UNMANNED AERIAL SYSTEMS

1. 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.
2. The 4-H members must be currently enrolled in the 4-H Space Teach project.
3. Each exhibitor may enter one exhibit per class and completed during the current 4-H year.
4. For 2017, display boards, posters and notebooks are the only unmanned aerial systems exhibits being accepted. In 2018, more classes will be added.
5. Exhibitor's name, county or district, age and year(s) in project must be tagged or labeled in a prominent location on the exhibit, educational display, notebook and/or poster.
6. Educational posters must be no larger than 22" x 28" poster board.
7. Educational displays are not to exceed a standard commercial 3' x 4' tri-fold display board. Commercially available "Science Fair Presentation Boards" are encouraged. Exhibitors are encouraged to laminate all posters and maps or cover them with clear plastic film.
8. Project notebooks must be organized in a 3-ring binder.

Class 2881..... Unmanned Aerial Display Board
 Class 2882..... Unmanned Aerial Poster
 Class 2883..... Unmanned Aerial Notebook

DEPARTMENT 29—BANNER

Department Chair: Eva Peterson

ENTRY: Monday, July 24; 5:30-7:00 p.m.

JUDGING: Wednesday, July 26

1. Read general regulations.
2. Each banner should illustrate or demonstrate phase of 4-H work which is being practiced by the club members. They are to depict one idea, stressing originality and creativity as related to the fair theme. No plagiarism allowed.
3. A short written description of the banner's development and relationship to the fair theme must accompany banner.
4. Banners should not be made out of highly flammable materials.
5. Dimensions are to be no less than 12 and no more than 16 square feet, with no side less than 3 ft.
6. Banners must be hung on a rod strong enough to support the banner. A wire or rope should be securely attached to the rod allowing the banner to be hung.
7. A label is to be attached to the front lower left-hand corner (as you face it) of the

banner giving the name of the club, county and year. Letters should be two inches in height. Names of members are optional. Waterproof ink prevents smearing and is recommended for the label. Safety pins are recommended for attaching label to banner.

8. Banners should be made of materials that permit the banner to be folded or rolled without damaging the display. Three dimensional objects should not be attached to the front of the banner.
9. Guidelines for using copyrighted/trademarked materials in banners, displays, posters: 4-H exhibitor (individual or group) should avoid using copyrighted and/or trademarked materials whenever possible by originating his/her own work. 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.
10. Fairgoers will have the option to vote for their favorite banner as the "People's Choice Award". A ribbon will be awarded to the winning club banner. Voting will occur Thursday, July 27 and Friday, July 28. The winner will be announced Saturday, July 29.
11. Champion and reserve champion will be awarded.

Class 2901 Banner

DEPARTMENT 30—PARADE

Department Chair: Eva Peterson

JUDGING: Thursday, July 27 during parade

1. Clubs may not endorse a political candidate or parties.
2. Each organization shall be limited to one entry. (*Entry does not have to be a float.)
3. Basis of award:
 - (a) General appearance and attractiveness.....20 percent
 - (b) Initiative and originality as related to fair theme.....35 percent
 - (c) Quality of float material used to group's parade presentation 15 percent
 - (d) Educational value30 percent
4. All entries must be entered on an entry card and the card presented to the fair office before **noon on Thursday, July 27.**
5. A description of the entry must accompany the entry card. Items to address may include how the entry was developed, what materials were used and what educational idea is being presented.
6. All entries must report to the starting point of the parade on Thursday, July 27; 5:30 p.m. – West parking lot by Dillard's' at the Town Center Mall
7. Each club entering in the parade will be required to provide adult volunteers to staff barricades at an intersection along the parade route. Intersections will be assigned as entries are received.
8. Prize money will be given in this order for 4-H entries.
9. Champion and reserve champion will be awarded.

Class 3001 Club Entry

DEPARTMENT 31—MISCELLANEOUS

Department Chairs: Nancy Becker, Beth Alloway

Assistants: Chris Becker

Jr. Assistants: Bryce Beckman, Elsie Jackson, Brendan Becker

ENTRY: Thursday, July 27; 8:00-noon

JUDGING: Friday, July 28; 9:00 a.m.

1. Read general regulations.
2. Notebooks, posters and other exhibits will be judged on: Neatness, Arrangement, Completeness, Accuracy and Work Accomplished.
 - (a) A notebook is material prepared by the 4-H'er to demonstrate ability and work

done in a project.

(b) Posters must be 22" x 28" in size. 6 or 8 ply poster board preferred. Posters should be readable from a distance of 10 feet, neat and legible. Letters for main captions should be at least 1½" tall. Do NOT re-enforce posters with heavier poster board.

3. Protective covers are optional.
4. The individual who prepares the club notebook receives premium money.
5. Group exhibits discouraged.
6. Guidelines for assembling a 4-H project notebook are available at the Extension Office. 4-H'ers have the option of following the guidelines available or designing a form which best meets the needs of the project.
7. Interview judging is available. Sign up at time of entry. A 4-H'er may have a maximum of three entries interviewed judged. **Place an I in the top right hand corner of entry card if it will be interview judged.**
8. Stories may be attached to miscellaneous exhibits.
9. Champion and reserve champion will be awarded for Posters, Junior and Senior Division, and Notebooks, Junior and Senior Division, providing meriting quality.
10. Champion and reserve champion will be awarded for junior and senior division in Building Creations, providing meriting quality.
11. Champion and reserve champion will be awarded for junior and senior division in Section C—Other, providing meriting quality.

SECTION A—POSTERS/NOTEBOOKS

Class 3101	Secretary's Book
Class 3102	Reporter's Book
Class 3103	Historian's Book
Class 3104	Project Notebook
Class 3105	Project Poster

SECTION B—BUILDING CREATIONS

1. Building Creations (legos®, K'nex®, etc.) should be no larger than 24" x 24" x 24". It is suggested that the displays be covered with plastic wrap or enclosed in plexiglass for protection. Improper size of building creation displays will be lowered one ribbon placing.
2. Building Creations will be judged on theme, neatness, creativity and display.
3. Group exhibits are discouraged.
4. Interview judging is available. Sign up at the time of entry.
5. Each 4-H'er may enter a maximum of two exhibits.
6. All entries must be completely assembled when entered. Only minor repairs will be permitted at entry.

Class 3120	Building Creation made from kit
Class 3121	Building Creation original design

SECTION C— OTHER

1. Items represent specific project work by a 4-H member. Examples might include a display, model, etc. items that do not fall under any of the above categories or classes.
2. Due to the uniqueness of items entered in this category, a score sheet will not be used to evaluate project entries.
3. Educational Display can be no bigger than 3' x 4' tri-fold display board.
4. **All items entered in this section must be pre-entered by calling the Extension Office by July 1.**

Class 3130	Display
Class 3131	Other

DEPARTMENT 32—WILDLIFE & SHOOTING SPORTS

Department Chair: Nancy Becker
 Assistant: Katherine Sundgren

ENTRY: Thursday, July 27; 8:00 - noon
JUDGING: Friday, July 28; 9:00 a.m.

1. Read general regulations.
2. Notebooks, posters, educational exhibits and other exhibits will be judged on:
 Neatness, Arrangement, Completeness, Accuracy and Work Accomplished.
 (a) A notebook is material prepared by the 4-H'er to demonstrate ability and work done in a project.
 (b) Posters must not be larger than 22" x 28" in size and 6 or 8 ply poster board preferred. Promotional poster for Shooting Sports must be directly related to promoting 4-H Shooting Sports.
 (c) Educational Exhibits may be standard tri-fold boards only, no bigger than 3' x 4' tri-fold display board.
3. Name, county, age and year in project should be a prominent location on the exhibit.
4. Protective covers are optional.
5. Group exhibits discouraged.
6. Interview judging is available. Sign up at time of entry.
7. Wildlife exhibits must comply with State and Federal laws. It is illegal to possess threatened or endangered wildlife, or the feathers, nests or eggs of non-game birds. Game birds and game animals taken legally during an open season may be used. The use of live wild animals in educational exhibits is prohibited.
8. Champion and reserve champion will be awarded.

SECTION A—WILDLIFE

- Class 3201 Notebook
 Contents pertain to some phase, results, story or information about the wildlife project.
 (State Fair eligible)
- Class 3202 Educational Poster
 Must be related to something learned in the wildlife project.
 (State Fair eligible)
- Class 3203 Educational Display
 Must be directly related to the wildlife project.
 (State Fair eligible)
- Class 3204 Other Wildlife (class not eligible for State Fair)

Notebooks and Displays will be judged on the following points:

- Stopping Power15
 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 Application15
 Is the subject matter an effective showcase?
- Mechanical Power15
 Correct letter size, pleasing color combination, appropriate symbols and models
- Personal Growth.....25
 How much knowledge was gained by exhibitor? Was enthusiasm shown?
- Educational Value25
 Knowledge Shared. Note: Credit all citations, websites or other resources used in creating your exhibit.

Posters will be judged on the following points:

- General Appearance30
 Information50
 Organization20

- are to be used for obedience.
7. Any dog fouling the ring will receive a white ribbon.
 8. Any abuse of dogs on grounds or in the ring will result in disqualification and no ribbon.
 9. Baiting of dogs will result in disqualification and no ribbon.
 10. Judges dismissal from the ring for abusive language or other unsportsmanlike behavior will result in disqualification and no ribbon.
 11. Champion and reserve champion will be awarded for agility and obedience. Junior, intermediate and senior champions and reserve champions will be awarded for showman.
 12. **New this year:** A Supreme Dog Showman title and prize will be awarded for the 4-H'er accumulating the greatest total number of points for all four Riley County Fair contests- Obedience, Rally-Obedience, Showmanship and Agility.

SECTION A-AGILITY

PRE-REGISTRATION: June 6, (all exhibitors must pre-register)

CHECK IN: Saturday, June 24; 8:30 a.m.

JUDGING: Saturday, June 24; 9:00 a.m.

Agility is an obstacle course for dogs. Dogs and their handlers try to complete the obstacles as quickly as possible without penalty. The handlers run alongside. In Agility I only, dogs may compete either on-lead or off-lead, however on-lead and off-lead are separate classes. **Agility I on-lead is not a State Fair qualifying event.** All Agility II and Agility III competitions are off lead. Penalties are given for handler interference, knocking down obstacles, or going out of sequence. The class winner is the dog with the fewest number of penalties and time faults. In event of a tie score, the dog with the fastest time is the winner. The Agility contest will be conducted in accordance with guidelines of the Agility Dog Show Rule Book for the State Contest in as much possible, as outlined in the Kansas Agility Dog Show Rule Book publication S-124 (revised). Any variations will be agreed upon by the judge and ring Department Chair and noted to the contestants in the judge's instructions.

Entries are organized so dogs of similar heights compete at the same time. There are three obstacle heights for small, medium and large dogs. Each dog entered in Agility I, II and III is allowed a familiarization run which is not scored by the judge. A second or even third dog may start its familiarization run before the preceding dog has completed the course. Anyone absent when familiarization runs are being completed forfeits the opportunity for a familiarization run. The judge may walk the handlers through the course and answer any questions.

Agility I. For beginning and continuing agility competitors.

Class 3301(not a State Fair event) Agility I, on lead

Class 3302Agility I, off lead

Agility II. Second level course for experienced agility competitors (off lead only).

Class 3303 Agility II

Agility III. Third level course for experienced agility competitors (off lead only).

Class 3304 Agility III

The heights (see below) of the obstacles will vary according to the height of the dog. Thirteen (13) obstacles will be used for Agility I and sixteen (16) obstacles will be used for Agility II and III based on the mandatory and optional listed in the S-124 Rule Book. Scoring is determined by deducting all running, handler and time faults from a course value of 200 points.

Jump Heights

Division I Dogs under 15 inches at the withers-jump 8 inches.

Division II Dogs 15-20 inches at the withers-jump 12 inches.

Division III Dogs over 20 inches at the withers-jump 16 inches.

A 15-point penalty will be assessed to dogs competing on-lead in Agility I; thus a blue ribbon is the highest award that can be won by an on-lead exhibitor. Scores received on-lead may be eligible for certain trophies and/or prizes.

The handler with the highest score in Agility I, II or III will be designated the champion in Agility, and the handler of the second highest score in Agility I, II, or III will be the reserve champion in Agility. In the event of a tie, the team with the fastest time will be designated winner, if the teams are in the same agility level. If teams are in different agility levels, the team in the most difficult class will be designated the winner.

SECTION B—SHOWMANSHIP

PRE-REGISTRATION: June 6, (exhibitors must pre-register)

CHECK IN: Saturday, July 8; 8:30 a.m.

JUDGING: Saturday, July 8, 9:00 a.m.

The exhibitor will be judged on fitting of 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. Handlers should be neatly groomed and attired, with sensible footwear.

Note: Those 4-H'ers showing dogs of a breed, type, or size normally presented on a grooming table for examination will be expected to do so. A purple or blue and a 4-H age of 9 is a State Fair qualifying score. Junior showmanship is not a State Fair event due to State Fair rules. Deductions based on a total possible of 100 points.

Class 3320 Junior: All children ages 7-9 years old,
Class 3321Intermediate A: Ages 10-13, 1st yr. handler with 1st yr. dog only
Class 3322Intermediate B: All others, ages 10-13
1st Place Junior, Intermediate A & B will compete for Young Showman.

Class 3323 Senior A: Ages 14 and over, 1st yr. handler with 1st yr. dogs
Class 3324 Senior B: All others, ages 14 and over
1st Place Senior A and Senior B will compete for Senior Showman

SECTION C—OBEDIENCE

PRE-REGISTRATION: June 6, (exhibitors must pre-register)

CHECK IN: Saturday, July 8; 8:30 a.m.

JUDGING: Saturday, July 8; 9:00 a.m.

A score of 170 points or greater is a qualifying score, with at least 50% in each exercise. Once a 4-H'er qualifies with the same dog under two different judges, the member must advance to the next obedience level. A 4-H'er may move up earlier but may not return to the lower level.

The handler of the highest scoring obedience dog will be designated the Champion in Obedience, and the handler of the second highest scoring dog will be the Reserve Champion in Obedience.

Class 3330Sub Novice A: Ages 7-11, for all 1st yr. members
with 1st yr. dogs.

All exercises on-leash.

Heel and figure 8	35
Stand for exam.....	30
Recall.....	35

Long sit (1 min.)	30
Long down (3 min.)	30
Total	160
Class 3331 ... Sub Novice A: Ages 12 and over for all 1st yr. members with the 1st yr. dogs. <i>All</i> exercise on-leash.	
Heel and figure 8	35
Stand for exam	30
Recall	35
Long sit (1 min.)	30
Long down (3 min.)	30
Total	160
Class 3332 Sub Novice B: 1st yr. handler with a previously shown dog or 1st yr. dog with handler having previous showing experience or all others not ready for Novice. <i>All</i> exercises on-leash.	
Heel and figure 8	35
Stand for exam	30
Recall	35
Long sit (1 min.)	30
Long down (3 min.)	30
Total	160
Class 3333 Novice : Handlers and dogs ready for off lead work. <i>All</i> exercises off-leash except	
Heel on leash and figure 8	35
Stand for exam (off-leash)	30
Heel (off-leash)	45
Recall	30
Long sit (1 min., off-leash)	30
Long down (3 min., off-leash)	30
Total	200
Class 3334 Graduate Novice: For all 4-H'ers and dogs who have qualified in Novice. <i>All</i> exercises off-leash.	
Heel on leash	35
Stand for exam (off-leash)	30
Heel and figure 8 (off-leash)	45
Drop on recall	30
Long sit (out of sight 3 min.)	30
Long down (out of sight 5 min.)	30
Total	200
Class 3335 Open A: For all 4-H'ers and dogs who have qualified in Graduate Novice. <i>All</i> exercises off-leash.	
Heel and figure 8 (off-leash) 40	
Drop on recall	30
Retrieve on flat	40
Broad jump	40
Long sit (out of sight 3 min.)	25
Long down (out of sight 5 min.)	25
Total	200
Class 3336 Open B: For all 4-H'ers and dogs who have qualified in Open A. <i>All</i> exercises off-leash.	
Heel and figure 8 (off-leash)	40
Drop on recall	30
Retrieve on flat	25
Retrieve over high jump	35
Broad jump	20
Long sit (out of sight 3 min.)	25
Long down (out of sight 5 min.)	25
Total	200
Class 3337 Utility A: For all 4-H'ers and dogs that qualified in Open B. <i>All</i> exercises off-leash.	

Hand signal exercise.....	40
Article 1 (Scent Discrimination).....	30
Article 2 (Scent Discrimination).....	30
Retrieve over high jump	30
Broad jump.....	20
Long sit (3 min. out of sight)	25
Long down (5 min. out of sight)	25
Total	200
Class 3338	Utility B: For all 4-H'ers and dogs that qualified in Utility A. <u>All</u> exercises off-leash.
Hand signal exercise.....	40
Article 1 (Scent Discrimination).....	30
Article 2 (Scent Discrimination).....	30
Directed retrieve	30
Directed jumping	40
Moving stand and examination.....	30
Total	200

SECTION D— RALLY OBEDIENCE (RALLY-O)

PRE-REGISTRATION: June 6, (all exhibitors must pre-register)

CHECK IN: Saturday, June 24; 8:30 a.m.

JUDGING: Saturday, June 24; 9:00 a.m.

Rally Obedience (Rally-O) is a form of dog obedience competition that makes use of 15-17 directional signs to guide the handler through the performance. The directional signs are numbered sequentially as they are placed in the ring which then indicates the course that the handler must take during the performance. The team of dog and handler heel from sign to sign and perform the exercise indicated by the sign. The judge gives no direction to the handler during the performance, other than the handler being given permission to start the performance. The judge will say "fault" for an incorrectly performed station.

To be eligible, the handler and dog must be enrolled and compete in a traditional obedience class. The Rally-O competition will be conducted in accordance to the 2nd edition of Rally-O Manual, authored by Charles Kramer.

Scoring is based on a perfect score of 100 points. The course is timed and timing counts for placement only with the team with the highest score and fastest time placing 1st. Scoring is similar to formal obedience. If showing in Level III, handler must indicate the jump height. Division I jumps at 8", Division II at 12" and Division III at 16".

The handlers of the highest scoring obedience dog will be designated the Champion in Rally Obedience, and the handler of the second highest scoring dog will be the Reserve Champion in Rally Obedience.

Class 3350 Rally-O, Level I (on-lead)
(Must advance to Level II after 2 qualifying scores [70 out of 100 points]) and attainment of novice status in obedience

Class 3351 Rally-O level II (off-lead)
(Must advance to Level III after 2 qualifying scores [70 out of 100 points])

Class 3352 Rally-O Level III (off-lead)

DEPARTMENT 34—PETS

Department Chair: Kristin Holt
Jr. Assistant: Jonathan Hoepner

ENTRY & JUDGING: Tuesday, July 25; 6:00 p.m. Pottorf Hall—according to schedule posted in the July 4-H Newsletter.

RELEASE PROJECTS: Tuesday, July 25, upon completion of judging

1. Read general regulations
2. Exhibitors are limited to one exhibit per class, exhibit being defined as a cage, bowl, terrarium, etc.
3. Members may choose to exhibit a fish, turtle, gerbil, dog, cat, chicken, rabbit, etc. However, health papers are not required, and members must be mindful that they are showing at their own risk.
4. Dogs and cats must be current with rabies vaccines to participate. Cats should have current distemper vaccination. Exhibitor should bring proof of vaccination.
5. Animals show in the Pets Division can not be exhibited in any other project division. Members must be enrolled in the Pets project to exhibit in the Pets division.
6. Each exhibitor is responsible for providing a cage or carrier for each pet exhibited. Cages/carriers will NOT be provided.
7. Each exhibitor is responsible for cleaning up after his or her pet.
8. A club interview schedule will be established and put in the newsletter.
9. Each pet can be shown only ONCE by a family member.

SECTION A—PETS

Class 3401	Cats
Class 3402	Aquarium Pets
Class 3403	Hand Pets
Class 3404	Terrarium Pets
Class 3405	Birds
Class 3406	Other

DEPARTMENT 50—OTHER YOUTH

SECTION A—CLOVERBUDS 4-H EXHIBIT

Department Chair: Nelsa Beckman
Jr. Assistant: Brittni Winter

PET SHOW for Cloverbuds:

ENTRY and JUDGING: Tuesday, July 25; 6:00 p.m.

RELEASE: After Pet Show

FOOD JUDGING for Cloverbuds:

ENTRY and JUDGING: Wednesday, July 26, 2:00 – 6:00 p.m.

GENERAL EXHIBITS

ENTRY and JUDGING: Thursday, July 27; 8:00 a.m. – noon

RELEASE: Monday, July 31; 5:00 – 7:00 p.m.

Cloverbud Fair Guidelines

Must be enrolled as a Cloverbud by May 1 to exhibit. Cloverbuds must be age 5 or 6 by January 1, 2017, to participate in this program.

Cloverbuds may exhibit age appropriate activity related items from their 4-H Cloverbud experiences.

Cloverbuds may showcase a pet during the pet show on Tuesday, July 25 at 6:00 p.m.

Cloverbuds may showcase a food product during Foods Judging on Wednesday, July 26

from 2:00 – 6:00 p.m.

Cloverbuds may showcase any other general exhibit (maximum of 5 items) on Thursday, July 27; 8:00 – noon.

Cloverbuds will receive participation ribbons only, and will not be judged.

Cloverbuds may not compete in Livestock Judging, Horticulture Judging, or Photo Judging contests (but may observe these activities with a parent/ guardian).

SECTION B—FFA AGRICULTURAL MECHANICS DIVISION

Department Chair: Bob Whearty

ENTRY: Thursday, July 27; 8:00 - noon

JUDGING: Thursday, July 27; 1:30 p.m.

RELEASE EXHIBITS: Monday, July 31; 7:00 p.m.

1. All entries must have been constructed, repaired, and exhibited within the past two years in the high school agriculture department by an agriculture education student and an active FFA member. The project cannot have been previously exhibited at the Riley County Fair.
2. An exhibitor will furnish a T-Rod stake with a moveable base for each project. Required on the display board will be an entry sheet (name, school, and class), a bill of materials and optional skills list, pictures, drawings. A parts display board is recommended for machinery repair class.
3. A chapter sign is required for chapter awards based on the top three scores in construction. All construction projects from small, intermediate and large construction classes may compete individually and be eligible for chapter awards.
4. Machinery repair class may be tractors or other agricultural machinery.
5. The Riley County FFA chapter and the Riley County Fair Board are not responsible for damages to projects.

DEPARTMENT 51—OPEN CLASS

GENERAL REGULATIONS

1. Each entry must have a Riley County Fair entry card. All entry cards will be filled out and firmly attached to the exhibit. These may be obtained from the Riley County Extension Office or at the Fair Office on the day of entry.
2. Every exhibit on the fairgrounds will be under control of the fair management. While every precaution will be taken for the safekeeping of exhibits, neither the management, its officers, nor the Extension office personnel will be responsible for any loss, damage or accidents that may occur.
3. Exhibits will not be released until Monday, July 31; 5:00 p.m., **no exceptions** will be made. Exhibitors are to claim their exhibits at release time. Those in charge assume no responsibility for exhibits left on the fairgrounds after the close of the fair.
4. Open Class events are open to anyone in Riley County and adjoining counties unless specified. 4-H members may exhibit in classes not available in the 4-H department.
5. Entries in Open Class will be placed in purple, blue, red, and white ribbon groups according to the division and quality of the exhibit unless otherwise stated.
6. All exhibits entered in Open Class must have been grown and selected or made by the party in whose name the entry is made.
7. **Check under** each division for special rules and entry dates.

SECTION A—OPEN GARDEN AND CROPS

Department Chairs: Bob Warnica
Assistants: Riley County Master Gardeners

ENTRY: Thursday, July 27; 8:00 - noon

JUDGING: Thursday, July 27; 1:00 p.m.

RELEASE EXHIBITS: Monday, July 31; 5:00 - 7:00 p.m.

1. Products exhibited shall be of the current year's production.
2. All exhibits must be grown and selected by the exhibitor.
3. Limit one entry per class per person.

Class 5001	Beans – plate of 6 same variety
Class 5002	Beets – plate of 3 same variety
Class 5003	Cabbage – 1 head
Class 5004	Cantaloupe (Muskmelon) – 1 melon
Class 5005	Carrots – plate of 3 same variety
Class 5006	Cucumbers – plate of 3 same variety
Class 5007	Eggplant – 1 fruit
Class 5008	Okra – plate of 3 same variety
Class 5009	Onions – plate of 3 same variety
Class 5010	Peppers – plate of 3 same variety
Class 5011	Potatoes, Irish – plate of 3 same variety
Class 5012	Pumpkin – 1 fruit
Class 5013	Squash, summer – 1 fruit
Class 5014	Squash, winter (other than pumpkin) – 1 fruit
Class 5015	Sweet Corn – plate of 3 same variety
Class 5016	Sweet Potatoes – plate of 3 same variety
Class 5017	Turnips – plate of 3 same variety
Class 5018	Tomatoes – plate of 3 same variety
Class 5019	Watermelon or other melon (other than cantaloupe) – 1 melon
Class 5020	Other Vegetable Crop
Class 5021	Fruit Crop (exp. plate of 3 apples, ½ pint blackberries)
Class 5022	Wheat - One gallon sample. A 2-1/2 - 3" styrofoam cylinder placed in the gallon container may be used to reduce amount of grain to approximately 3 quarts.
Class 5023	Corn - Ten (10) ears white hybrid.
Class 5024	Corn - Ten (10) ears yellow hybrid.
Class 5025	Unusual Exhibit
Class 5026	Miscellaneous
Class 5027	Fresh Culinary herbs (6) Ex: parsley, basil, dill, etc. Six stems (or a comparable quantity) of ONE VARIETY of fresh herbs exhibited in a disposable container of water. Dried herbs are not accepted

SECTION B—OPEN FLOWERS AND PLANTS

Department Chair: Bob Warnica
Assistants: Riley County Master Gardeners

ENTRY: Thursday, July 27; 8:00 - noon

JUDGING: Thursday, July 27; 1:00 p.m.

RELEASE EXHIBITS: Monday, July 31; 5:00 - 7:00 p.m.

1. Exhibit cut flowers with foliage and long stem if possible.
 2. Cut flowers must have been garden grown.
 3. No entry can compete in more than one class, nor can more than one entry be made in any class by one exhibitor.
 4. House plants must be grown by the exhibitor and have been in his/her possession for at least 3 months.
 5. All entries should be labeled as to proper variety.
- Class 5101 Rose – single stem (variety to be named)

- Class 5102 Annual – single stem
- Class 5103 Perennial – single stem
- Class 5104 Fresh Flower Arrangement (state purpose)
- Class 5105 Dried Flower Arrangement (no artificial or silk flowers)
- Class 5106 Cacti plants or succulent
- Class 5107 Potted Indoor Plant (foliage or flowering)
- Class 5108 Container Garden
- Class 5109 Miniature and Fairy Garden

SECTION C—OPEN FOOD PRESERVATION

Department Chairs: Lexy Wilson

ENTRY: Wednesday, July 26; 3:00 p.m. – 6:00 p.m.

JUDGING: Wednesday, July 26; 3:00 p.m.

RELEASE EXHIBITS: Monday, July 31; 5:00-7:00 p.m.

1. Only one entry per class and product must have been canned after August 1, 2016.
2. Exhibits must be sealed in non-decorated, non-colored (blue or green), clean standard canning jars with matching brand (use Ball lids on Ball jars, or Kerr lids on Kerr jars, etc.) two piece lids. Lids with plaid, fruit decorated or brushed silver are permissible. Jars must be sealed when entered. Jelly must be in ½ pint or pint jar. All other products must be in pint or quart jars.
3. Each jar exhibited must be labeled with a uniform label placed 1" from the base of jar. You may need to make a label using an adhesive mailing label. The label must give: Class No, Altitude, Product, Canning Method (water bath, weighted gauge or dial gauge presser method), Process Time, Pressure (psi), date processed including month and year, Name, and County/District.
4. Judging: The exhibits will be judged on recipe and quality of canned product. Current USDA recommended methods must be used. No open kettle or oven canned processed food will be allowed. Pickles and sweet spreads must be finished using the water bath process for the altitude of residence. Low acid products must be pressure processed properly for the altitude of residence.
5. Each exhibit must include a copy of the complete recipe and instructions. Recipe must include recipe source, date of publication and altitude of residence.
6. Containers may be opened at the discretion of the judge.
7. Dried Foods: One kind of dried food product to be in a small jar, with lid but not sealed or other "see-through" container. Suggested amount: 1/3 to 1/2 cup, or 3 to 4 pieces per exhibit. All meat jerky should be cooked to 160 degrees F (internal temperature using a metal stem-type thermometer. Jerky not heated to 160 degrees F will not be judged
8. **Riley County Fair**– No alcohol should be included as an ingredient in food preservation entries. Entries with alcohol in the recipe will be disqualified and not be judged.

- Class 5200 Sweet Spreads (Fruit and/or Vegetables), Syrups; 1 jar
- Class 5201 Fruits, Juices, Fruit mixtures (Salsa, Pie Filling, etc.) 1 jar
- Class 5202 Low Acid Vegetables (green beans, corn, etc or vegetable mixtures); 1 jar
- Class 5203 .. Pickles (Fruit or vegetable) Fermented Foods and Relishes and Chutney; 1 jar
- Class 5204 Tomato/Tomato Products (Tomato Juice and Tomato Salsas); 1 jar
- Class 5205 Meats; 1 jar
- Class 5206 Dill Pickles; 1 jar
- Class 5207 Dried Foods: 1 jar

SECTION D—OPEN CAKE DECORATING

Department Chair: Cindy Casper

ENTRY: Wednesday, July 26; 3:00 – 6:00 p.m.

JUDGING: Wednesday, July 26; 3:00 p.m.

RELEASE EXHIBITS: Monday, July 31: 5:00-7:00 p.m.

1. Only one entry per class. Decorated items will be judged on overall design, skill and precision, choice and use of colors, difficulty of technique, neatness, and originality. Exhibits will be judged on appearance only.
2. A baked cake or a cake form may be used for decorating at the County Fair level.
3. A cake form (Styrofoam) is used for decorated cakes at the State Fair level.
4. Wedding and anniversary cakes can be no larger than a 14" base and 24" in height including decorations. Decorated cookies can be no larger than 12" in diameter, using any batter or dough. Cupcakes can be no larger than 3" to 4" in diameter, using any batter or dough.

DECORATED CAKES

Class 5300	Cakes for Children
Class 5301	Birthday
Class 5302	Novelty
Class 5303	Holiday
Class 5304	Anniversary Cake
Class 5305	Wedding
Class 5306	1 decorated cookie (12" in diameter)
Class 5307	3 decorated cupcakes

SECTION E—OPEN ARTS AND CLOTHING

Department Chairs: Marci Ritter

ENTRY: Friday, July 28; 5:00 - 8:00 p.m. at Pottorf Hall, CiCo Park

JUDGING: Saturday, July 29; 8:00 a.m.

RELEASE EXHIBITS: Monday, July 31; 5:00 - 7:00 p.m.

1. Exhibitor must indicate age on entry card.
2. Exhibitor may enter up to eight items.
3. A 3"x5" index card may be attached with the entry tag to give the judge any information which the exhibitor thinks would be helpful for the judge to know.
4. Refer to Open Class General regulations for other rules governing this division.

Class 5400

.....	Open Arts & Clothing
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SECTION F—HONEY CONTEST

Department Chair: Konza Beekeepers

ENTRY: Thursday July 27; 8:00 - Noon. at Pottorf Hall, CiCo Park

JUDGING: Thursday, July 27; 1:00 p.m.

RELEASE EXHIBITS: Monday, July 31; 5:00 - 7:00 p.m.

Open to all beekeepers. All jars must be plain and free of labels. No inner seals in lids. Nonconforming containers will be disqualified and removed from the display. Exhibitors may enter a maximum of one entry in each class. **Konza Beekeepers will provide the prize money by mailing checks to the winners within ten days of the judging of the entries.**

EXTRACTED HONEY

Class 5500

.....	Extracted Honey
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Also known as strained honey, is honey that has been separated from the comb by centrifugal force, gravity, straining or other means. Shall consist of one, one-pound

Queenline style glass jar, free of labels.
 Density (water content above 18.6% and below 15.5% will be docked)10
 Absence of crystals10
 Cleanliness – without lint, dirt, wax, or foam40
 Flavor (Points will be deducted for flavor affected by processing)10
 Container appearance10
 Accuracy of filling (headroom between 3/8” and 1/2” with no visible gap between honey level and cap).....20

CHUNK HONEY

Class 5501 Chunk Honey
 Shall consist of one strip of cut comb (full length of jar) in one, one-pound round glass jar, free of labels
 Neatness20
 Absence of watery cappings, uncapped cells, and pollen20
 Cleanliness of product/container (downgrade for travel stains, wax flakes, foam and crystallization).....20
 Uniformity of appearance in capping structure, thickness of chunks and accuracy of fill20
 Density and flavor of liquid portion of pack20

CUT COMB HONEY

Class 5502 Cut Comb Honey
 Shall consist of one 4’x4’ plastic comb honey box containing comb honey, free of labels.
 Neatness of cut, absence of liquid honey25
 Absence of watery and perforated cappings, uncapped cells and pollen25
 Cleanliness of product (absence of travel stains, crushed wax, and crystallization)25
 Uniformity of appearance (color of honey capping structure, thickness of comb)25

SECTION G—OPEN PHOTOGRAPHY

Department Chair: Jason Haller

ENTRY: Friday, July 28; 5:00 - 8:00 p.m., Pottorf Hall, CiCo Park

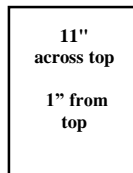
JUDGING: Friday, July 28; 7:00 p.m. Judging Begins

RELEASE: Monday, July 31; 5:00 - 7:00 p.m.

1. Exhibitors may enter no more than six total entries per age division.
2. Photos may be 7”x 9” to 8”x10”.
3. No lettering, underlay, or borders permitted.
4. Sepia or other mono colored photos may not be entered in a black and white class. Only true black and white photos will be accepted in a black and white class.

5. Mounting instructions:

Photos must be mounted across the narrow (11”) dimension of a 11” x 12½” sheet of white or cream colored studio mount. Photos mounted on foam core board or poster board will not be displayed. Photos must be mounted with the top edge of the print 1” below the top of the mount board. The sides of the print must be equal distance from the two sides of the mount board. A permanent mount must be made by using a photographic adhesive. Place photo in a 2 gallon self-sealing bag. Bags are the responsibility of the exhibitor.



Youth Division: (17 years and under or 4-H age)

Class 5600 Best 7” x 9” to 8” x 10” enlargement, black and white
 Class 5601 Best 7” x 9” to 8” x 10” enlargement, color

Adult Division: (18 years and over and no longer 4-H age)
 Class 5602 Best 7" x 9" to 8" x 10" enlargement, black and white
 Class 5603 Best 7" x 9" to 8" x 10" enlargement, color

SECTION H—OPEN FOODS AND NUTRITION

Department Chair: Michelle Pralle
 Jr. Assistants: Katie Pralle

ENTRY: Saturday, July 29; 10:00–11:00 a.m.

JUDGING: Saturday, July 29; 10:00–11:00 a.m.

1. All entries must have a Riley County Fair Entry Card. Limited to 4 entries for the division.
2. Whole grain product must be made with at least 50% whole grain such as one or a combination of the following:
 Flour - such as whole wheat, rye, buckwheat, corn, rice or soy
 Cereals - such as bran, oatmeal, wheat or rice
 Crackers - such as whole wheat or rye
3. Recipe must be included.
4. An entry should consist of one whole product or three samples (i.e. one whole wheat pie crust, three whole wheat biscuits, etc.).

WHOLE GRAIN FOODS

Class 5700 Yeast Product
 Class 5701 Bread Product made with Bread Machine
 Class 5702 Quick Bread Product
 Class 5703 Cake
 Class 5704 Pie, fruit
 Class 5705 Cookies
 Class 5706 Miscellaneous

OPEN FOODS

Class 5707 Yeast Product
 Class 5708 Bread Product made with Bread Machine
 Class 5709 Quick Bread Product
 Class 5710 Cake
 Class 5711 Pie, fruit
 Class 5712 Cookies
 Class 5713 Miscellaneous

SECTION I—OPEN BUILDING CREATIONS

Department Head: John Jobe
 Jr. Assistant: Jonathan Hoepner

PRE-REGISTRATION: Due July 1

ENTRY: Wednesday, July 26, 5:00 – 7:00 p.m.

JUDGING: Thursday, July 27, 2:00 – 4:00 p.m.

1. Building Creations (LEGO®, K'NEX®, tooth picks, etc.) should be no larger than 24"(L) x 24" (W) x 60"(H). Special size accommodations can be made for larger creations with the approval of Mr. Jobe, Riley County 4-H Agent. Contact him at the Riley County Extension Office prior to entry, 785-537-6350.
2. Building Creations will be judged on theme, neatness and creativity.
3. Creations will be judged in (4) separate age categories: **Junior (ages 7-9), Intermediate (ages 10-13), Senior (11-19) and Adult (20+)**
4. Croup exhibits are allowed, but only one prize will be given per exhibit.
5. Each builder may enter a maximum of two exhibits.

- All entries must be completely assembled when entered. Only minor repairs will be permitted at entry.

Class 5800 Junior 7-9
 Class 5801 Intermediate 10-13
 Class 5802 Senior 11-19
 Class 5803 Adult 20+

SECTION J—OPEN SHEPHERDS LEAD

Department Chair: Kelly Wendland

REGISTRATION & DESCRIPTION: Due Friday, July 28; 12:00 p.m. (noon)

JUDGING: Friday, July 28; 7:00 p.m., Hurlburt Show Arena, CiCo Park – before the 4-H Sheep Show

- The purpose of a lead class is to present sheep in the most attractive manner, to improve the image of sheep and to give spectators an opportunity to view well groomed sheep at halter by attractively dressed contestants wearing wool garments.
- Garments may be purchased or constructed, and should consist of at least 60% wool (excluding accessories).
- Judging is based on the attractiveness and suitability of the garment to the contestant and contestant's ability to control and present the sheep at halter.
- Contestants do not need to be enrolled in the sheep project to participate. Arrangements should be made with a 4-H'er in the sheep project to use his/her lamb for the contest.
- The sheep may be blanketed or decorated in a fashion that compliments the overall appearance of the contestant and the animal.

Pee Wee (Ages 5 and under) Junior (Ages 6-9) Intermediate (Ages 10-14)
 Senior (Ages 15-20) Adult Shepherds Lead (Ages 21 and above)

SECTION K—OPEN MAKE IT WITH WOOL

PRE-REGISTRATION: Due July 1

JUDGING: Thursday, July 20; 8:30 a.m.,

PUBLIC REVUE: Thursday, July 20; 7:00 p.m., TBA

- Wool awards will be presented to exhibitors in each of the three divisions: Pre-Teen, Junior, Seniors and Adults. Awards will be based on fit and construction of the garments.
- The purpose of the awards is to focus on the beauty and versatility of wool and to encourage the use of this fiber in **sewing, knitting** and **crocheting** fashionable garments.
- Garments must be made of a minimum of 60% wool (no more than 40% synthetic fibers).
- Judges look for coordination of the fabric to the pattern; poise and presentation; suitability of the garment to the contestant; and skill in sewing, knitting or crocheting.
- Purses should not be carried. Hats, gloves and other accessories are optional.

Pre-teen (12 and under as of 01/01/17)
 Junior (13 -16 as of 01/01/17)
 Senior (17-24 as of 01/01/17)
 Adult (25 & older as of 01/01/17)

SECTION L—OPEN GEOLOGY

Department Chair: Chris Anderson

ENTRY: Wednesday, July 26; 4:00 - 7:00 p.m., Pottorf Hall, CiCo Park

JUDGING: Thursday, July 27; 9:00 a.m. Judging Begins

RELEASE: Monday, July 31; 5:00 - 7:00 p.m.

Display at least 15 specimens. Group and label specimens according to categories. All specimens must be collected in the State of Kansas during 2016-2017. At least 15 specimens must be collected during 2016-2017 for all categories.

1. The standard size exhibit box should be 18x24x31/2". All specimens are to be arranged across the narrow (18") dimension of the exhibit box, making the exhibit 18" across the top and 24" deep. The plexiglass cover must be removable from the top. Screws, locks or other devices that would prevent judges from removing cover should not be used.
2. Each exhibitor is required to identify each display box by placing an identification label bearing name, county 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 corner of the box (outside). The inside label is also to indicate the class number.
3. Exhibitor may show in only one of the first four geology classes. Exhibitor may also show in geology class special exhibit.
4. Specimens should be labeled with the number of the specimen, date collected, specimen name or description, and locality (county only) where collected.
5. Specimens should be mounted in the box by the proper groups - rocks, minerals, fossils. Fossils must be identified to the Phylum, Class and Genus Level. Genus name is to begin with a capital letter. Species name is all lower case. Genus and species names must either be italicized or underlined, not both. The words "phylum, class, genus" on labels are to be spelled out, not abbreviated. More than one specimen of the same kind of rock or mineral or species of a fossil may be exhibited if this duplication represents different geological formations. Specimen label must show this distinction (Fort Hays limestone, not just limestone); calcite from the Greenhorn formation, not just calcite; Phylum: Brachiopoda Class: Articulata Genus: Composita from the Morrill Limestone Member, not just Phylum: Brachipodoa Class: Articulata Genus: Composita.
6. All specimens must be collected (not purchased) from locations in Kansas, with the exception of Tri-State Mining Area specimens collected from these three adjacent counties: Ottawa county, OK; Newton and Jasper Counties, MO. Out-of-state specimens may be exhibited in a marked section of the display, but these are not to comprise the major portion of the exhibit. **OUT-OF-STATE SPECIMENS WILL NOT COUNT IN THE MINIMUM NUMBER FOR THE CLASS, NOR WILL THEY BE CONSIDERED IN THE JUDGING.**

Class 2902Display at least 15 different rocks, minerals or fossils collected during 2016-2017. Limited to one exhibit box. Fossils must be identified at the Phylum level.

Class 2903Display at least 30 different rocks, minerals or fossils, at least 5 of each. **Fifteen must be collected during 2016-2017 year.** Limited to one exhibit box. Fossils must be identified at the Phylum level

Class 2904 Display at least 45 rocks, minerals or fossils, at least 5 of each. **Fifteen must be collected during 2016-2017 year.** 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; exact species

must have different formation names listed on the I.D. card; Composita Brachiopod from Morrill Limestone not just Brachiopod or Composita Brachiopod). Exhibit limited to two boxes 18" x 24" x 3 1/2" with **plexiglass** covers. Rocks must be identified by their proper name and type (igneous, sedimentary, and metamorphic). These rock types must be spelled out on labels or have a legible key. Fossils must be identified at the Phylum level.

Class 2905 Display at least 60 rocks, minerals, or fossils, at least 5 of each. **Fifteen must be collected during 2016-2017 year.** 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; exact species must have different formation names listed on the I.D. card; Composita Brachiopod from Morrill Limestone not just Brachiopod or Composita Brachiopod). Exhibit limited to two boxes 18"x 24 x 3 1/2" with **plexiglass** covers. Rocks must be identified by their proper name and type (igneous, sedimentary, and metamorphic). These rock types must be spelled out on labels or have a legible key. Fossils must be identified at the Phylum, Class and Genus levels if possible.

Class 2906 Geology Educational exhibit relating geology 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. Exhibit limited to 4 feet of table space or not more than two exhibit boxes. Digital formats are accepted. Please make arrangements for the judge to view your exhibit and have a hard copy for display

Class 2907 Mineralogy
Display a minimum of 15 mineral specimens collected in Kansas, at least 5 of which have been collected during 2016-2017 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. The specimens must be labeled with the number of the specimen, date collected, name of specimen, county where collected and chemical composition (i.e.: CaCO₃ for calcite) if known.

GENERAL EVENTS

PEDAL TRACTOR PULL

Department Chair: Riley County Fair Board

PRE-REGISTRATION: Thursday, July 27; 7:00-7:30 p.m. Hurlburt Show Arena

PULL: 7:30 p.m.

1. All equipment will be furnished.
2. Entrants must be at least 4 years of age and not older than 12.
3. Classes will be divided by age.
4. Other rules will be handed out at the time of registration.