



# 100<sup>th</sup> Annual Montgomery County 4-H Fair 2021

Riverside Park | 4-H Buildings | Independence, KS



## Montgomery County 4-H Fair Association Board of Directors

President..... Craig Newby

Vice-President..... Mikelynn Allen

Secretary..... Sharon Ward

Treasurer..... Jackie Chandler

Other Members..... Tony Henry, Liz Schwatken, Ashley Pippin, Nancy Evans,

Travis Lee, Barry Dixon, Angela Edwards, Keith Kuehn

4-H Council Representatives: Sydney Clubine, Sarah Schwatken, Everett Henry

## SCHEDULED EVENTS

- Thursday June 17**     **Horse Show, Show - 7:00 p.m.**  
Pippin Arena, Check-in 6:00 - 6:30 p.m.
- Tuesday July 13**     8:30 a.m. **Clothing Judging**, Indep. High School  
All clothing and textile construction and modeling projects judged this day only.
- Tuesday July 20**     7 p.m. - **King & Queen Coronation**  
**Public Style Revue & Dance –**  
Wesley Center, 111 E. Maple, Independence
- Wednesday July 21**     8:30 a.m. **Setup Enclosed 4-H Building**  
6 p.m. **Setup 4-H Livestock Buildings**  
9 p.m. Individual set-up may begin
- Thursday July 22**     7 p.m. - **Rabbit Show**, east side of 4-H building  
Livestock Entries: 7:30 p.m. - 9 p.m.  
Also 8 a.m. – 10:30 a.m., Friday  
*Meat Goats, Sheep and Hogs weighed on arrival.*  
Market beef weigh at 11:30 a.m. on Friday.
- Friday July 23**     8 a.m. *Donuts sponsored by Frontier Farm Credit.*  
**8-11:30 a.m. Entry of ALL INSIDE Exhibits – .**  
8:00 a.m. - 11:30 a.m.: **Conference Judging of ALL**  
**Foods and Photography Exhibits**  
10:30 a.m. – *All Animal Exhibits in place.*  
11 a.m. - **Conference judging Electric & Woodwork**  
11:30 a.m. – *Market Beef Weigh*  
1 p.m. – **Conference judging of STEM & Poultry**  
2 p.m. - **Bucket Calf Exhibitor Interviews**  
5:30 p.m. - **Presentation Grand Champion Inside**  
**Exhibits**, west of inside exhibit bldg  
5:30 p.m. Sno Cones provided by MG. Co. Farm Bureau

**Friday July 23** 6 p.m. - **4-H Food Auction**, west of inside exhibit bldg  
7:30 p.m. - **Swine Show**  
followed by adult showmanship  
10 p.m. - **4-H Exhibit Building closes**

**Saturday July 24** 8 a.m. – Breakfast Sponsored by Labette Health  
8 a.m. - **Dairy Goat Show**, followed by adult showmanship  
8:30 a.m. - 10 a.m. - **Conference Judging for  
Arts and Crafts**  
10 a.m. – **Bucket Calf Showmanship & Awards**  
2:00 p.m. – **Barnyard Olympics**, west of 4-H building  
5 p.m.- 6:30 p.m. – **100<sup>th</sup> Fair Cookout**, s. of 4-H bldg  
6:45 p.m. – **Arts and Crafts Awards** at Show Ring  
7:00 p.m. – **Goat Show** followed by **Sheep Show**  
Both shows followed by adult showmanship  
10 p.m. - **4-H Exhibit Building closes**

**Sunday July 25** 8 a.m. - **Exhibit Building Opens.**  
*Biscuits & Gravy*  
*Sponsored by Community National Bank & Trust*  
9 a.m. - **Inspirational Celebration**, exhibit building  
10:00 a.m. – **Sweepstakes Registration & Contest**  
4-H Exhibit Building  
3 p.m. - **Kiddie Tractor Pull**  
*Sponsored by: Montgomery Co. Farm Bureau*  
6 p.m. – **Dairy Cattle Show**, followed by adult showmanship  
6:30 p.m. - **Beef Show** followed by adult showmanship  
8 p.m. - 10 p.m. - **Dismiss EXHIBITS and non-sale  
ANIMALS**  
10 p.m. - **4-H Exhibit Building closes**

**Monday July 26** 8 a.m. - **Clean-up and sale setup**  
5:30 p.m. – **Buyers' Supper** - Fairgrounds  
6:45 p.m. - **Presentation of Awards** at Sale Ring  
7 p.m. - **Livestock Premium Sale**  
Top two animals in each species sell first

**Following Sale - Final Clean-up and Pen Tear Down**

Set a personal deadline to complete thank you notes!

- Addresses for award thank you notes are on the back of the award
- Addresses for food buyers will be mailed to you
- Extension office can help you find addresses for livestock buyers
- Clubs please write thank yous to:

Breakfast sponsors – Community National Bank, Labette Health, Frontier Farm Credit

Roll-off sponsor – Muller Construction

Clean-up sponsor – G&R Dirtwork

## Understanding Ribbon Awards

Exhibition of projects is a part of the 4-H educational experience. The Danish ribbon system, awarding ribbons by group, is used to recognize equal or near equal quality 4-H exhibits. Until the selection of the champions, exhibits are evaluated against a standard rather than in comparison.

Purple Ribbon: Outstanding on all standards! Qualifies exhibits for state fair if other requirements are met.

Blue Ribbon: Exceeds min. standard; may have minor flaws where improvements can be made.

Red Ribbon: Meets min. standards; may be visible signs of needed improvements

White Ribbon: Fails to meet minimum standards

Green Ribbon: Not qualified according to show rules. No premium paid.

Grand and Reserve Champion Rosettes: One each given per project area.

Awarded to the one best and second best overall exhibit.

Ribbons are awarded at the judges' discretion. Other than grand champions and reserve champions there are no set numbers. **Judges' decisions are final.**

## General Rules

1. All bonafide 4-H members of Montgomery County are eligible to exhibit at this fair. ***Members must be 7 before January 1 of current 4-H year but cannot have passed their 19<sup>th</sup> birthday before January 1 of current 4-H year.*** Members may exhibit only in projects in which they are enrolled. The Montgomery County 4-H Fair is the official state fair qualifying show for Montgomery County 4-H members.
2. Every exhibit on the fairgrounds will be under the control of fair management. While every precaution will be taken for safekeeping neither the management, fair board members, or Extension agents will be responsible for any loss, damage, or accident that may occur.
3. **The right to interpret all rules in a manner which will be to the best interest of the show and the exhibitors is reserved by Montgomery County 4-H Fair Board.**
4. **Any complaint regarding eligibility or adherence to the rules must be made in writing and submitted to the Fair Board.**
5. All exhibits award ribbons according to the ribbon awards outlined on pg 2. Available prize money will be distributed based on ribbon awards.
6. Ribbon money will be mailed to exhibitors who submit their record book to the Extension office by the October 1<sup>st</sup> 4-H deadline
7. **Youth should be present for consultative judging. Anyone not present at time of judging is not eligible to compete for Grand and Reserve Champion but the exhibit will be judged provided the youth types a**

**one-page paper outlining their project, challenges, methods, etc. Food preparation exhibits will also not be eligible for the food auction.**

8. No more than one exhibit (unless department rules differ) may be shown in the same class under any one exhibitor's name except livestock, where two animals may be shown (only one bucket calf). No duplicate samples shall be taken from the field, bin, baking, or batch to be shown by the same or different exhibitors as their product.
9. ***All exhibits must be grown, made or produced by the club member during 2020/21 and must be representative of their 2020/21 projects.*** (one exception is the soybean exhibit which may be from last year's crop provided 4-H member was a part of growing last year's crop).
10. Exhibitors must comply with state and federal laws. It is illegal to possess threatened/endangered wildlife and feathers, nest or eggs of non-game birds. Game birds/animals taken legally during season may be used. The use of live game/wild animals in educational exhibits is prohibited.
11. Superintendents are in charge of their department. Fair Board will have final authority.
12. Exhibits to be displayed at the fair only accepted during **ENTRY HOURS:**  
Livestock: 7:30 p.m. to 9:00 p.m. on Thursday, July 22, 2021  
8:00 a.m. to 10:30 a.m. on Friday, July 23, 2021  
Inside Exhibits: 8:00 a.m. - see schedule for each  
department. on Friday, July 23, 2021

Exhibits must be claimed by owners from 8:00 p.m. to 9:30 p.m. on Sunday, July 25, 2021. ***Exhibits removed prior to this will forfeit ribbon and premiums.*** All inside exhibits, poultry, and rabbits must be removed by 8:00 a.m., Monday, July 26, 2021.

13. Only 4-H fair exhibitors, 4-H parents, and leaders (21 years of age) may stay overnight. At least one parent or adult leader from the 4-H Club must stay overnight before any members from the club may stay overnight.  
**NOTE: all persons camping at the fairgrounds must register with the Extension office by July 16, 2021.** Form is on the website.
14. ***\*No stock trailers or camping units are to be parked on the streets south of the 4-H Buildings.*** Trailer parking is available north of the football stadium in the zoo pasture.
15. The Montgomery County 4-H Fair Board requests no alcoholic beverages be present on the grounds. A midnight curfew for minors is enforced in Independence.
16. \*Asterisks (stars) identify classes that do not correspond to the State Fair and cannot exhibit at the State Fair. To exhibit at state the exhibitor must meet age requirement (9 before January 1, 2021) and received a purple at county fair. State fair exhibit regulations may be different than county fair. State fair rules will be mailed to you if you sign up to send exhibits to state.

17. Avoid using copyrighted and/or trademarked materials. The letter “c” with a circle around it means the owner of the material holds copyright. Similarly, all rights to use trademarks are protected by “TM” or letter “r” with a circle around it. If you need to use copyrighted materials, contact the original source, explain how material will be used, and request written permission to use materials. Written permission to use copyrighted and/or trademarked material must be attached to the exhibit/displayed.

Copyrighted and/or trademarked materials utilized in any fair exhibit for endorsement or promotion instead of educational purposes will be disqualified, not be displayed, or receive ribbons or premiums.

**Livestock and Dairy Classes**

1. Livestock must have health papers. **FREE** health papers will be provided by local vets during check-in times. All Swine, Meat Goats, Dairy Goats, and Sheep exhibitors must check in at the scales **WITH** their animals. All beef, market and breeding, must check-in with superintendent at the south end of the beef barn **WITH** their animals.
2. 4-H members exhibiting livestock shall accompany their exhibits and care for them. **Livestock exhibitors must be on-hand to exhibit their entries.** If an exhibitor has two entries in the same class, another 4-H member may assist provided it meets with the approval of the superintendent of that department.
3. *Livestock superintendents are in charge of their departments. The fair board will have final authority.*
4. **No intact male livestock will be allowed** (except for rabbits and poultry). If an animal is deemed uncontrollable or unhealthy by the superintendent or fair board, the animal must be removed from the fairgrounds.
5. No animals will be allowed in/around the: zoo, tennis courts, water park, playgrounds, track/stadium, or golf course. (Unless tying out in the zoo pasture.) **Clean up after animals while walking them!**
6. **All livestock must be pre-entered by July 1** via the online fair entry system. This includes:

Beef	Bucket Calves	Dairy Cattle	Dairy Goats	
Meat Goats	Poultry	Rabbits	Sheep	Swine
7. *Pre-entered animals may be switched between household members at time of check-in at fair.*
8. All exhibitors must comply with legal withdrawal times in the use of approved chemical substances for animal health, growth promotants or other livestock management practices. Violation of approved usage of these substances may be prosecuted. The Montgomery County 4-H Fair Association and its officers/management will not be held legally responsible.

9. All livestock exhibitors must furnish bedding. Only wood chips will be allowed in the east livestock building (dairy goats, meat goats/sheep/swine).
10. For safety purposes, **all electrical fans and cords must be kept out of reach of animals and fastened to non-conductive materials.** All plugs and cords must be UL Approved (3 prongs).
11. No butt or face fans (fans on floor stands) are allowed in the beef barn.
12. No stock trailers are to be parked south of the 4-H Buildings. Trailers are encouraged to use the pasture north of the zoo.
13. Herdsman awards – will be awarded on a family basis by species at the decision of the Fair Board Livestock Committee.

### Showmanship

Showmanship will be the last event of each animal show. Signing up on fair entry when registering animals is appreciated but not required. Sign-ups will also be taken at the announcer stand the night of the show. Showmanship exhibitors must exhibit their own animals which have previously been entered in an animal evaluation class.

A Champion and Reserve Champion will be selected in each species and each age division for all livestock divisions. Showmanship is solely judged on the youth's ability to exhibit the animal and grooming, not animal characteristics.

Junior Division.....7 to 9 year olds before January 1 of current year.

Intermediate Division.....10 to 13 year olds before January 1 of current year

Senior Division.....14 to 18 year olds before January 1 of current year

Pre-4-H Division.....5 to 6 year olds before January 1 of the current year. Must show animals shown and housed at the fair but not necessarily be the entrant's exhibit. Beef pre-4-H showmanship is limited to Bucket Calves. Pre-4-H showman must be accompanied in the ring by a MG County 4-Her. There is only one class for Pre-4-H, strictly a showmanship class, in which all participants receive a participation ribbon with no award money.

### 2021 Health Requirements for Livestock

**General Requirements:** All animals are subject to examination by the fair board or their superintendents and shall be free of clinical signs of infectious or contagious disease. Animals determined by fairboard or superintendents to have not met listed requirements will not be permitted to exhibit. **All animals MUST go through the FREE vet checks during the check-in times.**

**Livestock Originating from other States** – All livestock originating outside of Kansas must meet Kansas import requirements, must have a valid Certificate of Veterinary Inspection, and must have an official ID – which is documented on the CVI.

## **CATTLE (Beef and Dairy)**

Cattle must meet general requirements above. Cattle determined by exhibition staff to have lesions of ringworm, warts or infested with mange will not be permitted to exhibit.

## **SWINE**

Swine originating in Kansas must meet the general requirements.



## **SHEEP**

In addition to the general requirements, all sheep must be:

- Identified with an official USDA premises identification tag (Scrapie tag or registered tattoo).
- Free of any signs of sore mouth
- Free of clinical signs of active fungal (ringworm) infection, including club lamb fungus

## **GOATS**

In addition to the general requirements, all goats shall:

- Free of any signs of sore mouth
- Free of clinical signs of lesions of ringworm, warts or infestation of mange
- Identified with a registered tattoo or an official USDA premises ID tag (Scrapie tag.) Goats identified with registration tattoos must have legible tattoos and must have registration papers for these animals available for inspection.

## **HORSES**

- Horses must meet the general requirements.
- A valid VS Form 10-11 showing evidence of a negative Equine Infectious Anemia (Coggins) test conducted by a state-approved laboratory within 12 months prior to exhibition is required

**POULTRY** - Poultry must test negative on a Pullorum-Typhoid test within 90 days before fair (keep paperwork to show at check-in!). Free testing offered by Extension office on July 7<sup>th</sup>. OR show paperwork for originating from a certified P-T clean flock. Call the Extension office for more information

**RABBITS** - must meet general rules and go through the vet check.

## Livestock Premium Sale

- 1) This is a premium sale only. No livestock will be sold. No base bids will be provided by the MG CO 4-H Fair Association. Exhibitors are responsible for animal removal after the sale.
- 2) Only bonafide 4-H members who have attended five (5) regularly scheduled 4-H club meetings from October 1 of the previous year until June 30 of the present year and completed a 4-H Online profile before January 31st (May 1<sup>st</sup> for new members) are eligible to participate in the livestock premium sale. Only first year members and high school graduates who are attending college full time are exempt from the five meetings rule, the enrollment deadlines apply to everyone.
- 3) Any market animal in the Swine, Beef, Sheep, and Meat Goat division receiving blue, red, or white placing and meeting all other sale requirements is eligible. Judge placing of the selected sale animal will determine the exhibitor's sale order.
- 4) Each 4-H member may sell only once.
- 5) Sale weights: (Not show weight requirements but are SALE requirements.)  
 Swine: 220 pound minimum                      Sheep: 90 pound minimum  
 Steers: 1,000 pound minimum                      Meat Goat: 50 pound minimum

**(One weigh - no re-weighs)**

- a. **Eligible animals may be entered in the premium sale at the exhibitor's option by filling out a sale sheet at the concession stand by the conclusion of the beef show.** No exhibitor is required to sell.
- b. Animals not meeting weight limits are eligible to win their class but ineligible to show for overall champion.
- c. In order for Livestock Sale to benefit the total 4-H Fair, 10% of the premium bid will be deducted and used in the general fund of the 4-H Fair for premium money, judges fees, mailing fair books, etc.
- d. Exhibitors must be present at the sale.
- e. **Exhibitor Sale order for 2021 - Sheep, Meat Goat, Swine, Market Beef.** Top two highest placing animals of each species will sell first, followed by blue, red, and white ribbon placings. *Top two sale animals for each species will be determined from the top two placings of each weight division (i.e. lightweight, middleweight, heavyweight).*
- f. **Any 4-H animal sold at public auction, or privately, whether for immediate or future delivery, cannot, from the time of such sale, be shown by the seller in any subsequent 4-H fair/exposition/show, or any show that offers a premium sale. This policy also applies to those animals which have gone through a premium auction, whether or not ownership has changed.**
- g. **All premium sale animals must enter the sale ring with same appearance as entering the show ring – No decorating allowed**



## Department A - Beef



***Pre-entries are required before July 1. See pages 1 – 7.***

Superintendents: Dr. Warren Newby, Craig Newby

**Check-in:** South end beef barn with Dr. Newby, market and breeding animals.

Market Beef will be shown by weight.

Breeding Heifers will be shown according to age. No breed classes.

Dairy steers will be shown with market beef in their appropriate weight class.

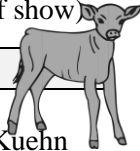
During the fitting of **BEEF STEERS** and **HEIFERS**, no artificial coloring above the flank will be allowed.

Exhibitor may enter two animals per class.

### **BEEF**

1. Market Beef (born after January 1 of preceding year)
2. Junior Heifer Calves (born after January 1 of current year)
3. Senior or Winter Heifer Calves (born Sept. 1 - Dec. 31, 2020)
4. Summer Yearling Heifer (born May 1 - Aug. 31, 2020)
5. Junior and Spring Yearling Heifer (born Jan. 1 - April 30, 2020)
6. Senior Yearling Heifer (born Sept. 1 - Dec. 31, 2019)

Showmanship (Sign up on fair entry is preferred but can add/drop night of show)



## Department B - \*Bucket Calves

***Pre-entries are required before July 1. See pages 1 – 7.***

Superintendent: Abby Ewing, Colben Dodson, Rhett Newby, & Trinity Kuehn

**Check-in:** South end beef barn with Dr. Newby/Abby Ewing, bring animal

1. Exhibitors should learn the parts of the calf.
2. 4-H bucket calf project is for members 7-12 years of age, before January 1. Those who had their 13<sup>th</sup> birthday before January 1 of the current year are not eligible.
3. A bucket calf is an orphan or new born calf; male or female; dairy, beef, or cross; fed on a bucket or bottle. No nurse cows. Calves must be born between January 1 and May 1 of the current year. They must have been purchased within two weeks of birth. **No intact males.**
4. Individual identification is required (tag or tattoo).
5. Only **one bucket calf per 4-H'er** may be shown in the bucket calf class. Calves shown in bucket calf class are ineligible to be shown in any other class at fair. Health requirements should follow the beef requirements.
6. If numbers warrant, classes may be split according to ages of the members.
7. Bucket calves will not be sold in the livestock premium sale. Members may keep the calf for breeding heifer or market beef or sale (auction or private).
8. 50% of bucket calf class will be judged by conference method (personal interview) based on:
  - What 4-H'er has learned about caring for and raising the calf
  - General health and knowledge gained by 4-H'er in health-related areas.

- Fit and show according to either beef or dairy guidelines, with emphasis on how much the 4-H'er learned and can do without help. However, parental guidance is encouraged.
- Dairy or beef quality (conformation) of the calf will not be considered since purchase is not made on that basis.

### **Bucket Calf Score Card**

**Knowledge** (bullets outlined above) - 50%

**Showmanship** - Eye contact, Attitude, Control of animal, show stick use if applicable - 30%

**Fitting** - Cleanliness of ears, tail and body, Clipped, Body Condition - 10%

**Showing Etiquette** - Courtesy of Others, Attentiveness - 10%

### **Bucket Calf Classes**

7. Youth 7-8 years old    8. Youth 9-10 years old    9. Youth 11-12 years old

### **Department C - Dairy Cattle**

***Pre-entries are required before July 1. See pages 1 – 7.***

Superintendent: Nancy Evans

**Check-in:** With superintendent, bring animal(s)

Animals exhibited in these classes are not required to be registered but must be high quality stock. Exhibitor may enter two animals per class.

Must have at least 3 of the same breed to have a breed show.



10. Heifer calves born after September 1, 2020
11. Junior Yearling Heifers born between March 1 & August 31, 2020
12. Senior Yearling Heifer born between Sept. 1, 2018 & February 28, 2020
13. Heifers or cows born before August 31, 2019

Showmanship (Sign up on fair entry is preferred but can add/drop night of show)

### **Department D - Dairy Goats**

***Pre-entries are required before July 1. See pages 1 – 7.***

Superintendent: Emmalee Hoggatt

**Check-in:** At scales, animal(s) and exhibitor

Entries will be placed in classes by age with the day of the judging being the base date. Each exhibitor is limited to a maximum of two (2) dairy goats per class. Only does are allowed to show. All breeding does must be clipped and fitted for show. Must have at least 3 of the same breed to have a breed show.



Dairy goats are encouraged to show without horns. If an animal has horns, they should be blunt or rounded to reduce the chance of injury to exhibitor.

14. Junior Doe – birth to under 5 months

15. Junior Doe – 5 mo. to under 8 mo. (not in milk & not previously freshened)
16. Junior Doe – under 24 months (not in milk and not previously freshened)
17. Senior Doe – up to 24 months (in milk or previously freshened)
18. Senior Doe – 2 years and older (in milk or previously freshened)

Showmanship (Sign up on fair entry is preferred but can add/drop night of show)

### Department E - Poultry

***Pre-entries are required before July 1. See pages 1 – 6.***

Superintendents: Trisha Snyder

**Check-in:** With superintendent, bring animal(s) and P-T test paperwork

Members may enter up to three (3) pens/exhibits. Exhibits may be in the same class. It is the exhibitors' responsibility to care for their birds and to keep the pens/area clean. All exhibits, except classes 24, 29 & 30, receiving a blue ribbon or better are eligible for state fair entry.

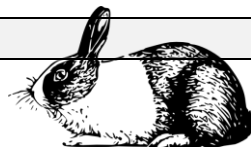
19. Young Large Fowl - 1 bird per pen, pullet or cockerel, standard breeds only
20. Old Large Fowl - 1 bird per pen, hen or cock, standard breeds only
21. Young Bantam - 1 bird per pen, pullet or cockerel, standard breeds only
22. Old Bantam - 1 bird per pen, hen or cock, standard breed only
23. Turkeys - 1 bird per pen, hen or tom, all breeds
24. Ducks - 1 bird per pen, duck or drake, all breeds
25. Geese - 1 bird per pen, goose or gander, all breeds
26. Pigeons - 1 bird per pen, hen or cock, all breeds
27. Dual Purpose Pullet Pen - 3 pullets per pen, standard breeds only
28. Dual Purpose Hen Pen - 3 hens per pen, standard breeds only
29. Production Pullet Pen - 3 pullets per pen, may be standard or crossbred
30. Production Hen Pen - 3 hens per pen, may be standard or crossbred
31. Meat Production Pen - 3 same age/sex birds per pen, standard or cross
32. County-Wide Meat Bird Project



Showmanship (Sign up on fair entry is preferred but can add/drop during show)

Judging of classes 1-24 will be done on basis of exhibition qualities as described in the current edition of *The American Standard of Perfection*, (American Poultry Association). Disqualifications will bar competition in these classes. Judging of classes 25-30 will be done on basis of production qualities only. Similar classes may be combined if entries are low.

## Department F - Rabbit



***Pre-entries are required before July 1.***

Superintendent: Susan Lasco and Lisa Hayes

**Check-in:** With superintendent, bring animal(s)

Rabbits must be legibly and permanently tattooed in its left ear. Only breeds recognized by ARBA may be shown. Rabbits will be judged according to breed standard as in the “*ARBA Standard of Perfection.*” **This will be a carry in show; however, pre-entries are required.** Exhibitors are responsible for bedding and keeping exhibit area clean and neat. Exhibitor may enter two animals per class.

**33.** Junior Doe - under 6 months

**34.** Junior Buck - under 6 months

**35.** Intermediate Doe - 6 to 8 months only for the following breeds:

American, Giant Angora, Argente Braun, Beveren, Blanc de Hotot, Californian, Champagne D’Argent, Checkered Giant, American Chinchilla, Giant Chinchilla, Cinnamon, Crème D’Argent, Flemish Giant, English Lop, French Lop, New Zealand, Palomino, Satin and Silver Fox.

**36.** Intermediate Buck – See Intermediate rules in class 36

**37.** Senior Doe – 6 months or older for breeds not listed in Intermediate. OR 8 months and older for breeds listed in Intermediate.

**38.** Senior Buck – See senior rules in class 37

**39.** Meat Class - 3 rabbits, one breed – max. 5 lbs. each, judged on meat quality, condition and uniformity.

**40.** \*Hand Pet - Non-Meat Class.

Showmanship (Sign up on fair entry is preferred but can add/drop night of show)

## Department G - Sheep

***Pre-entries are required before July 1.***

Superintendents: Barry Dixon and Sharon Ward

**Check-in:** At scales, market and breeding, exhibitor and animal(s)

Market Lambs will be shown by weight. **At check-in, all market lambs must be slick shorn** with an even length of wool covering above the hock and knee (head and belly excluded) **prior to check-in time.** Wool length should not exceed **.2 of an inch.** Lambs must be shorn with the same type of comb over the entire body. **Market lambs must be wethers or ewes.**

Ewes may be shown in market or breeding but not both. Ewes should be shown in short fleece. **During the judge's inspection or handling, all four feet of the animal are to be in contact with the ground.**

Breeding Sheep will be shown by breeds and should exhibit appropriate breed characteristics. Must be 3 head of a breed to have a show. Overall champion ewe will be selected.

Only market lambs are eligible for premium auction. Exhibitor may enter two animals per class.

- 41. Ewe Lambs (born after January 1 of this year)
- 42. Yearling Ewes (born January 1 - December 31, 2019)
- 43. Market Lambs (born after January 1 of current year)

Showmanship (Sign up on fair entry is preferred but can add/drop night of show)

### Department H - Meat Goat

***Pre-entries are required before July 1.***

Superintendent: Sharon Ward and Barry Dixon

**Check-in:** At scales, market and breeding, exhibitor and animals(s)

**Each exhibitor is limited to a maximum of two meat goats per class.**

**Market goats must be “slick shorn”** with an equal amount of hair above the knee and hock (head and belly excluded) **before arriving at the fairgrounds.**

A maximum of 3/8" hair length is permitted.

Does may be shown either in market or breeding but not both. Market goats will be judged on market characteristics only.

All market goats must be checked in and weighed on arrival.

All market goats must have milk teeth only, no permanent teeth visible.

Paint or adhesives are not permitted for use on goats.

Animal horns should be blunt or rounded to reduce injury to show person.

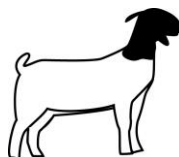
**Goats can be braced and must be shown with all four feet on the ground.**

Animals must be shown with a chain, collar, or halter used only to control the animal. Exhibitor can only briefly touch their animal with their body and cannot use the chain/collar to make the animal tense their muscles.

Classes will be broken by weight at the show based on number of animals.

Doe entries will be placed in classes by age with the day of the judging being the base date.

- 44. Junior Doe, Birth to under 5 months
- 45. Junior Doe, 5 to under 8 months
- 46. Junior Doe, 8 to under 12 months
- 47. Yearling, 12 to 24 months
- 48. Market Meat Goat



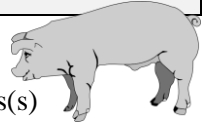
Showmanship (Sign up on fair entry is preferred but can add/drop night of show)

## Department I – Swine

***Pre-entries are required before July 1. See pages 1 – 7.***

Superintendents: Travis Lee and Justin Wintjen

**Check-in:** At scales, market and breeding, exhibitor and animal(s)



No powder or oil allowed.

**All swine exhibits must be checked in and weighed on arrival.**

**All Market Hogs and Gilt classes** will show by weight only.

Gilts may be shown either in market or breeding but not both.

Only market hogs are eligible for premium auction.

Exhibitor may enter two animals per class.

**49.** Breeding Gilts (born after January 1 of current year)

**50.** Market Hogs (born after January 1 of current year). Barrows must be surgically castrated. **No intact males.**

Showmanship (Sign up on fair entry is preferred but can add/drop night of show)

## Department J - Horses

Superintendents: Liz Schwatken, Ashley Pippin

**Pre-Entries are due June 1<sup>st</sup>.**

- Negative Coggins test within 12 months for equine infectious anemia is required.
- To be eligible for show, members must be enrolled in 4-H Horse Project and submitted 4-H Horse Identification papers **before May 1.**
- Horse ownership, leasing, sharing and dress must meet state guidelines as printed in the latest Kansas 4-H Horse Show Rule Book.  
4-H t-shirt (county or club) or short-sleeve show shirt will be acceptable to wear during barrel racing, pole bending, and flag racing. The t-shirt must have sleeves and cannot be tied up. Superintendent has the final decision.
- Unless otherwise stated, the latest Kansas 4-H Horse Show Rule Book will be the official show manual.
- The Superintendent (s) will be the show manager. Decisions may be appealed to the show rules committee consisting of three (3) leaders or parents. This committee will be required to have a basic understanding of the Kansas 4-H Horse program.
- Spectator coaching is prohibited and will result in ribbon group docking.
- When making entries, please provide complete information including exhibitor's 4-H age (before January 1<sup>st</sup> of the current year):

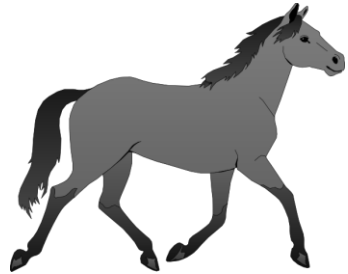
Junior Division – 7 to 9

Intermediate Division – 10 to 13

Senior Division – 14 and older

There will be three age divisions in each of the following classes with the exception of halter classes. (*Horses can be shown 1 time in Halter classes.*)

1. Showmanship-At-Halter
2. Halter - Aged Gelding, 4 years & older, stock type
3. Halter - Aged Gelding, 4 years & older, non-stock type and ponies
4. Halter - Aged Mare, 4 years & older, stock type
5. Halter - Aged Mare, 4 years & older, non-stock type and ponies
6. English Equitation
7. English Pleasure
8. Trail
9. Western Horsemanship
10. Western Pleasure
11. Reining
12. Working Ranch Horse Pattern
13. Working Ranch Horse Rail
14. Working Ranch Horse Trail
15. Barrel Racing
16. Pole Bending
17. Flag Race
- 18.



**High Point:**

Grand or trophy winner - 5 pts; **Reserve** - 4 pts.; **Purple** ribbon group - 3 pts.; **Blue** ribbon group - 2 pts.; **Red** ribbon group - 1 pt.; **White or green** - no pts.

This is not a first, second, third place but is awarded by ribbon groups. If a class has a trophy, it will be treated as the same as grand. In the event of a tie - the exhibitor with the most superior placings (top ribbons) will receive the high point award. Ex. - One exhibitor does not compete in as many events but receives three purples. The other exhibitor competes in everything but top ribbons are blue. The purple winner will be awarded high point.

**Halter Classes do not count towards the All-Around.**

## Department K - Visual Arts and Crafts

Superintendent: Trish Lewis

*Arts and crafts exhibits **must be entered Friday from 8 a.m. to 11:30 a.m.**  
Exhibits will be **judged consultatively Saturday, 8:30 a.m. till 10:00 a.m.***

*See consultative judging rule under general rule #7.*

Exhibits must be entered according to exhibitor's age as of January 1 of current year. Each exhibitor may enter up to 4 exhibits (his or her choice).

Please describe exhibit in Fair entry. Example: Hand Made Ceramic-Underglazed.

**4500A**\*Junior Division – ages 7 through 9 years

**4500B** Intermediate Division - ages 10 through 13 years

**4500C** Senior Division – ages 14 through 18 years



Only Grand and Reserve Grand Champions in the Intermediate and Senior Divisions are eligible to be displayed at the Kansas State Fair.

## Department L - Fiber Arts

Superintendent: Trish Lewis

See consultative judging rule under general rules #7

Exhibits in this department cannot be shown in any other department.

- **Crochet**, an article including felted items
- **Knitting**, made either by hand or machine, including felted items
- **Needle Arts**, created by hand using any of the following techniques: embroidery and cross-stitch, needlepoint, candlewicking, crewel, lace work, and/or applique.
- **Patchwork and Quilting**, an article
- **Rug making**, techniques include braiding, latch hook, tying, floor cloth, etc.
- **Spinning**, a skein - minimum 10 yards in length
- **Weaving**, attach information about the type of loom or process used. Woven wood reed basket, should be exhibited in Visual Arts.
- **Ethnic Arts**, fiber art technique associated with specific country or culture. Practical skill developed to provide basic family needs (apparel, home furnishings or decorations). Or a method maintained throughout history and passed on to others, such as batik, Swedish huck towel weaving, mud cloth, bobbin weaving, tatting, felted items that are not knitted or crocheted, etc. Attach info. on history of the ethnic art, where it was used, by whom, how it was used, short description of the technique, etc.
- **Macramé**, an article
- **Fiber Arts Educational Notebook**, a notebook or binder. Should include a narrative section describing the fiber art, a clear description of the project,



technique, budget, supplies, goals, accomplishments, successes, failures, and future plans. May include samples of techniques, how-tos, photographs of completed projects, or other ways of educating others about fiber arts. A collection of brochures, web pages, patterns, record book forms, etc. does not constitute an educational notebook. Name, local unit and fiber art covered must be clearly marked in the notebook.

- When the exhibit is a sewed garment that also includes one or more Heritage Fiber Art techniques the determination of what department (Clothing or Fiber Arts) and class to enter will be the 4-H participant’s decision. Exhibits may only be shown in one department.
- Special consideration will be given to articles of original design. Such articles should have a note attached explaining the original design.
- Attach an index card, no larger than 4” x 6”, to give the judge info. on parts of the exhibit they made, processes used, or other information. indicate if item was made from a kit, fiber content, and if they are made of at least 90% wool. For quilted items indicate who did the quilting and binding.
- Exhibits must have an attached identification label with: *name, age, district, and class number*. Sew or safety pin label on 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 garments.
- Exhibits must be entered according to exhibitor’s age as of January 1 of the current year. Each exhibitor may enter up to 4 exhibits (his or her choice).

Describe exhibit on entry card. Example: Machine Knitted Sweater. Exhibits with at least 90% wool material should be noted on entry card. Include fiber content for all entries.

51. Fiber arts, all ages

Department M - \*Banners

Superintendent: Kwynn Kyd

55. \*Banners

Each club may exhibit one club banner. Banner must tell or relate to some aspect of 4-H; promotional or informative in a general or specific nature.

Judging criteria for banners:

Educational value.....	40%
Appearance.....	20%
Interest & originality.....	20%
Quality of display material.....	20%

### Guidelines for Banners:

- 1) Banners are a two-dimensional display, depicting one idea.
- 2) Banners should be made out of flame-resistant material.
- 3) Dimensions 3 ft. x 4 ft. **or** 3 ft. x 5 ft.
- 4) Banners must be hung on a rod. On each end of the banner rod, there should be a wire or chain six inches long. One end of the wire will be fastened to the end of the rod. The other end will be connected to an “S” hook which will permit the banner to be hung.
- 5) Banners should be made of materials that permit the banner to be folded or rolled without damaging display. Three-dimensional objects may not be attached to the banner.
- 6) A label is to be attached to the front lower left-hand corner of the banner giving the: *name of the club, county, and year.*
- 7) Copyrighted and/or trademarked materials utilized for endorsement or promotion instead of educational purposes will be disqualified. See pg.2.

### Department O - Clothing and Textiles Construction

Superintendent: Angela Edwards and Amy Clubine

Tuesday, July 13, 2021

Independence High School

Conference judging for all sewing projects starts following the completion of modeling judging. All clothing construction projects are judged this day and then brought to the 4-H Fair for ribbons and exhibition.

*See consultative judging rule for youth needing to be absent under general rules #7, page 2.*

All items in these classes must be made by the 4-H member/exhibitor.  
Each member may enter up to 4 articles, garments or outfits and one educational exhibit.

**Identification Labels:** All clothing articles or garments must be labeled. Type or print on 3" x 2 ½" piece of cloth: Class Number, County/District, and exhibitor's name. Sew (Do not pin) labels on inside of all garments (back of neck, center back of waistband, or left end of apron band). Label each piece. Care label not required but youth should know the information to tell the judge

**3997** Articles, garments or outfits constructed by a 7-8 year old exhibitor

**3998** Educational exhibit prepared by a 7-8 year old exhibitor

**3998a.** Recycled Clothing Project by 7-8 year old



**4000** Articles, garments or outfits constructed by a 9-11 year old exhibitor

**4001** Educational exhibit prepared by a 9-11 year old exhibitor

**4001a** Recycled Clothing Project by 9-11 year old

- 4002** Articles, garments of outfits constructed by a 12-14 year old exhibitor  
**4003** Educational exhibit prepared by 12-14 year old exhibitor  
**4003a** Recycled Clothing Project by 12-14 year old
- 4004** Articles, garments or outfits constructed by 15-18 year old exhibitor  
**4005** Educational exhibit prepared by 15-18 year old exhibitor  
**4006** Recycled Clothing Project by 15-18 year old

**Educational Exhibit** - Share with others what you have learned. May be in the form of a poster, notebook, or display. Follow copyright rules. Select durable materials that will withstand fair conditions. No card table displays. If exhibit is a poster, it must not be larger than 22"x28". If the exhibit is a display, maximum size is a 3' x 4' tri-fold board. Name and county/district must be clearly marked on educational exhibits.

**\* Recycled Clothing Project** - made of at least 50% recycled material (recycled means reusing an existing item in a new way). Could be remaking/redesigning a garment, re-purposing a clothing item for a new use, etc. Must include sewing of some kind. A 4"x6" index card must accompany entry describing the recycled materials and how they were used in the item.

### **Department N - Clothing Modeling**

Superintendents– Judging: Angela Edwards, Amy Clubine, Jana Niver  
 Public Style Revue: Liz Schwatken, Angela Edwards

**All clothing projects (modeling and construction) will be judged Tuesday, July 13.** Judging will take place at Independence High School.

**Each exhibitor may model two purchased outfits and/or two constructed outfits for evaluation but only two (2) outfits total may be modeled in the Public Style Revue on July 20<sup>th</sup> at the Wesley Center, Independence, KS.**

Model only what can be worn. Garments cannot be carried. Contestants should use good judgment in choosing items that are appropriate for public modeling.

### **4-H Modeling Score Card**

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

1. Understand and demonstrate a wardrobe plan.
2. Understand how selected garment(s) and accessories enhance their personal/public presentation.
3. Understand the value of this garment/outfit and how it fits into the family's clothing budget.
4. Describe how they have accepted personal responsibility in caring for their garment/outfit.



5. Visually demonstrate personal fitness and grooming and clothing/accessories comfort and safety.
6. Describe how they cared for the garment/outfit and how it has proved to fit into their wardrobe plan.
7. **Scorecard:**

I. General appearance: 70% <ul style="list-style-type: none"> <li>A. Posture, poise</li> <li>B. Personal grooming</li> <li>C. Fit of garment</li> <li>D. Modeling skills</li> <li>E. Garment condition</li> <li>F. Knowledge of wardrobe plan</li> <li>G. Accessories used to create a total look</li> </ul>	II. Construction Appearance and Lifestyle Knowledge: 30% <ul style="list-style-type: none"> <li>A. Plan for clothing care and life cycle</li> <li>B. Quality of construction.</li> <li>C. Appropriate finishing techniques used.</li> <li>D. Able to calculate value per wear</li> </ul>
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**Buymanship Modeling - Each member may model up to two (2) entries**

Majority of the outfit must be purchased (not borrowed) and modeled by the member or made by another individual for the 4-H member if the fabric and pattern were chosen by the 4-H member.

Everything which is commonly considered an outer garment must be purchased by the 4-H member or constructed by another person (vest, jacket, dress, skirt, pants, coat, etc.) Suggested garments are athletic wear, school clothes, western wear, casual wear, and formal wear.

The 4-H age as of January 1 of the current year: cannot model in older age div.

<b>6010</b> young women ages 7-8	<b>6014</b> young men ages 7-8
<b>6011</b> young women ages 9-11	<b>6015</b> young men ages 9-11
<b>6012</b> young women ages 12-14	<b>6016</b> young men ages 12-14
<b>6013</b> young women ages 15-18	<b>6017</b> young men ages 15-18

**Constructed Garments Modeling - Each member may model up to two (2) entries.**

Majority of the outfit must be constructed and modeled by the 4-H member who made the garment/outfit. Everything which is commonly considered an outer garment must be constructed (vest, jacket, dress, skirt, pants, coat, etc.). A sweater, blouse, or shirt that is not worn as an outer garment can be purchased or made.

- 6000** For members ages 7-8
- 6001** For members ages 9-11
- 6002** For members ages 12-14
- 6003** For members ages 15-18



**NOTE** – Electric exhibits will be ***judged consultatively Friday, July 23 starting at 11:00 a.m.*** See consultative judging rule under general rules #7

Label each article giving: *Owner's name, name of article, class number*

Items should be cleaned before exhibiting if it has been used. Exhibit must be operable using 110 or 120V or battery power (batteries should be furnished). Any project with a complexity of size or electronics must have (a) instructions for assembly and use and (b) equipment available at the time of judging for actual testing of the exhibit. No hand dipped solder may be used on exhibits.

### **Electrical and Electronics**

- AC Electric Projects. Electric projects with a 110 or 120 V alternating current (AC) power source. Some project examples are household wiring demonstrations, small appliance extension cords, trouble lights, indoor or outdoor wiring boards, or shop lights. Projects may be a restoration or original construction. The project must be operational and meet minimum safety standards. AC projects must be 110/120 V, no 240 V exhibits are allowed, and must be constructed such that the judges have wiring access to examine quality and safety of workmanship.
- 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 demonstrations 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-Her. Projects must be constructed such that the judges have access to examine the quality of wiring workmanship.
- Electronic Projects. Electronics projects with a battery or direct current power source. This class includes electronic kits or original projects. Examples include radios, telephones, toy robots, light meters, security systems, etc. May be constructed using printed circuit board, wire wrap, or breadboard techniques. Include instruction/assembly manual if from a kit. Include plans if an original project. Projects must be constructed such that the judges have access to examine the quality of workmanship.
- Educational Displays and Exhibits. The purpose of the educational display and exhibit is to educate the viewer about a specific area of the 4-H electrical or electronics project. The display or exhibit should illustrate one basic idea. This class includes any educational displays, exhibits or science fair type 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. Educational displays and exhibits must be legible from a distance of four feet, using a maximum tri-fold size of 3' x 4'.

### **Small Engines**

All Exhibits should involve engines smaller than 20 horsepower.

Displays are limited to 4' wide and 4' deep - both upright and floor displays.

- Display - Exhibit a display, selecting one of the following options:
  1. A display identifying different engine or lawn and garden equipment parts or a display showing the function of the various engine or lawn and garden equipment parts.
  2. A display identifying and explaining the function(s) of different special tools needed for small engine work.
  3. A display illustrating and providing the results of any one of experiments that are included in the project books. No complete engines, lawn tractors, tillers, chainsaws are permitted for display. Maximum tri-fold size is 3' x 4'.
- Maintenance - Exhibit a display that illustrates either:
  1. Routine maintenance procedures
  2. Diagnosing and troubleshooting specific problems in an engine. No complete engines, lawn tractors, tillers, chainsaws, etc. are permitted for display, using a maximum tri-fold size of 3' x 4'.
- Operation - Exhibit an operable small engine (no more than 20 HP) overhauled or rebuilt by the member. Include maintenance schedule for the engine and a brief description of steps taken by the member overhauling or rebuilding the engine. Maximum tri-fold size of 3' x 4'. Engine should contain no fuel in tank or carburetor.

### **Alternative Energy**

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.

- 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.
- 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.

**80.** Electrical/Electronic exhibits built by 7-9 year old member

**81.** Electrical/Electronic exhibits built by 10 - 13 year old member

**82.** Electrical/Electronic exhibits built by 14-18 year old member



Superintendent: Natasha Dillon

4-H member may exhibit in the collection, notebook and/or educational display categories within each category there are classes in Beginning, Intermediate or Advanced phases. See class descriptions within categories for requirements.

Resources for exhibiting can be found on the Kansas 4-H Ento Project Page:  
<http://www.kansas4-h.org/projects/agriculture-and-natural-resources/entomology.html>

### COLLECTION CLASSES

- Entries should be in an 18 x 24 x 3.5 inch wooden display box (or shadow box, for novice class) with a clear plastic top (such as plexiglass). Boxes can be handmade or purchased as long as they are the correct size and do not have a glass top.
- 4-Hers may choose one of two taxonomies:
  - a) “Insects in Kansas” book
  - b) As printed on the “Insects in Kansas Book: 2016 Revised Taxonomy” which follows [www.bugguide.net](http://www.bugguide.net).
- Each exhibitor is required to identify each box with (2) identification labels bearing exhibitor’s name, county/district, the class, collection class enrolled in, and taxonomy used. One label goes in the upper left corner of the box (inside) and the other on the lower right corner of the box (outside). Arrange specimens in the box so it can be displayed lengthwise.
- The number of orders, specimens (and families where required) must be included on both of the exhibitor’s box identification label. Only one adult insect per species can be used in the boxes and notebook classes, unless correctly labeled as Male and Female.
- Arrangement of specimens: The preferred method is to arrange the insects in groups or rows parallel to the short sides of the box. Specimens are to be arranged by Order in the box, then family where required.
- Two labels should be centered on the pin beneath each specimen. First (closest to the specimen) is the common name label and the second label should include date/locality. Full county name, state abbreviation and collector name on the second label. Collector’s name (or host) on the date/locality label is optional.
- Specimens should be collected by the exhibitor and should focus on Kansas insects. Insects may be collected from one county into bordering states and labeled accordingly.
- Only specimens of class Insecta should be included. Purchased insects are not to be exhibited in collections, but may be used in educational displays.

- Specimens of soft bodied insects such as aphids, lice, termites, etc. should be exhibited in alcohol filled vials.

### **\*83 Entomology Shadow Box**

- Not eligible for state fair. 11x14 shadow box or 18 x 24 x 3.5inch wooden display box with plexiglass top, minimum of 15 species representing at least 3 orders. Follow labeling and arrangement guidelines above.

### **4900 Beginning I Entomology Collection**

- Display in one standard box a minimum of 50 and a maximum of 125 species representing at least 7 orders. Follow general guidelines above

### **4901 Beginning II Entomology Collection**

- a. Display in one standard box a minimum of 75 and a maximum of 150 species representing at least 9 orders. Follow general guidelines listed for Collections.

### **4903 Intermediate Entomology Collection**

- a. Display a minimum of 100 and a maximum of 300 species representing 10 orders. Two standard boxes can be used. Follow the general guidelines listed for Collections. In addition, family identification is required for all insects in any two of the following six orders: (only two will be counted for judging)
  - i. "Insects in Kansas" book - Orthoptera, Hemiptera, Homoptera, Coleoptera, Hymenoptera, and/or Diptera or
  - ii. "Insect in Kansas Book: 2016 Revised Taxonomy", which follows [www.bugguide.net](http://www.bugguide.net) - Odonata, Orthoptera, Hemiptera, Coleoptera, Hymenoptera, and/or Diptera

On paper list what you did to improve your collection during the current year. Examples: insects you add or replace; orders and/or families added; what Leadership you provided in this project; and/or what insects studied. Attach paper to the *front* of one of the display boxes.

### **4905 Advanced Entomology Collection**

Display a minimum of 150 and a maximum of 450 species representing at least 12 orders. Three standard boxes can be used. Follow the general guidelines listed for Collections. Family identification required for all insects belonging to the six basic orders outlined under the intermediate phase. Family identification of insects in the remaining orders is optional, but desirable as long as accuracy is maintained. On paper list what you did to improve your collection during the current year. Examples: insects you add or replace; orders and/or families added; what Leadership you provided in this project; and/or what insects studied. Attach paper to the *front* of one of the display boxes.



## **NOTEBOOK CLASSES**

- Display in a three-ring notebook for competition.
- 4-Hers may choose to use one of two taxonomies:
  - As printed in “Insects in Kansas” book or
  - As printed on the “Insects in Kansas Book: 2016 Revised Taxonomy” which follows [www.bugguide.net](http://www.bugguide.net).
- identify the notebook by placing a Title Page in the front of the notebook bearing the exhibitor’s name, county or district and class 4-Her is enrolled in and statement of taxonomy used. The number of orders, specimens and families (required in Intermediate and Advanced classes) must also be included on the Title Page.
- 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.
- Date, common name, full county name, state abbreviation and collector name should be included for each species. Collector’s Name on the specimen page is optional.
- Specimen pages should have two different views of the insect if possible. If pictures are taken on different dates/localities, include information for both.
- Statement describing the habitat where found/host plant may be included and is encouraged and will be worth bonus 10 points total, not per page. A divider page is to be placed in front of each order of insects with the order name printed on the tab for the page and also on the front of the divider page.
- For the Intermediate and Advanced classes, insects are also to be grouped by family behind each order divider.
- 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.
- A special project must be completed each year and included. Refer to publication “Entomology Collection Notebook Guidelines” on the KS 4-H Entomology webpage for more details.

### **4907 Introductory Entomology Notebook**

- a. 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.

### **4908 Beginning Entomology Notebook**

- a. Display a minimum of 20 and a maximum of 60 insect species representing at least 7 different orders. Follow the general guidelines listed for Notebooks, including the Special Project

#### **4909 Intermediate Entomology Notebook**

- a. Display a minimum of 60 and a maximum of 100 species representing at least 9 different orders. In addition, family identification is required for all insects in any two of the following six orders: (only two will be counted for judging)
  - i. “Insects in Kansas” book - Orthoptera, Hemiptera, Homoptera, Coleoptera, Hymenoptera, and/or Diptera or
  - ii. “Insect in Kansas Book: 2016 Revised Taxonomy”, which follows [www.bugguide.net](http://www.bugguide.net) - Odonata, Orthoptera, Hemiptera, Coleoptera, Hymenoptera, and/or Diptera

#### **4910 Advanced Entomology Notebook**

- a. Display a minimum of 100 and a maximum of 200 species representing at least 12 different orders.. Family identification is required for all insects belonging to the six basic orders as outlined under the Intermediate phase. Only families in the above 6 orders will be counted for judging. Family identification of insects in the remaining orders is optional, but desirable as long as accuracy is maintained.

### **EDUCATIONAL DISPLAYS**

- Share with others what you learned in this project. Exhibit any activity or learning experience related to the field of entomology or the Teaming with Insects curriculum that does not fit into Entomology Collection or notebook classes above.
- The exhibit may be, original works, digital presentations, programs, websites, games, apps, display box, notebook, display or poster which you have made.
- If the exhibit is a wooden display box, it must be 18 X24 X 3.5 inches with a clear plastic top (such as plexiglass) and displayed horizontally. If the exhibit is a poster, it must not be larger than 22” X 28”. If the exhibit is a display, maximum size is not to exceed a standard commercial 3’ X 4’ tri-fold display board.
- Name and county/ district must clearly be marked on educational exhibits.

#### **4902 BEGINNING EDUCATIONAL EXHIBIT**

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

#### **4904 INTERMEDIATE EDUCATIONAL EXHIBIT**

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

#### **4906 ADVANCED EDUCATIONAL EXHIBIT**

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

## Department R - Field Crops

Superintendent: Kwynn Kyd

The variety or hybrid must be listed for exhibits. Exhibits should be mature as possible. Seed exhibits should be cleaned.

**NOTE:** All classes calling for a gallon sample may have a 2 ½ - 3 inch in diameter cylinder placed in a glass gallon container to reduce the amount of grain to about three quarts. Those classes include:

Wheat	Oats	Barley	Soybeans
Alfalfa	Brome Grass	Fescue	Sunflower Seed

- 2400** 10 ears White Corn
- 2401** 10 ears Yellow Corn
- 2402** 10 heads Grain Sorghum - hybrid must be named
- 2403** 10 stalks Forage Sorghum - hybrid must be named
- 2404** 10 stocks other forage sorghums – variety must be named
- 2405** 1 gallon Wheat – variety or hybrid must be named
- 2408** 3 heads Confectionery Sunflowers
- 2409** 1 gallon Confectionery Sunflower Seed
- 2410** 3 heads of Oil Seed Sunflowers
- 2411** 1 gallon Sunflower Oil Seeds
- 2412** 1 gallon Oats
- 2413** 1 gallon Barley
- 2414** 1 gallon Alfalfa
- 2417** 1 gallon Brome Grass
- 2418** 1 gallon Other Tame Grasses
- 2419** 1 gallon Soybeans (most recent harvest). 4-H should have been part of raising/harvesting the crop
- 2420** Soybeans – bundle of 5 plants, variety must be named
- 2421** Edible field beans: Exhibit to consist of one gallon sample of seed from most recent harvest.
- 2422** Edible field beans: Bundle of five plants (with roots intact) from most recent harvest.
- 2423** Miscellaneous Crops - exhibit to consist of 1 gallon sample of seed or 10 heads produced from current project.
- 2424** Cotton: Provide 10 open bolls, not 10 plants. Place bolls in a bag that can breathe (not a sealed plastic bag), so mold doesn't develop.
- 2425** 1 gallon Corn, variety must be named



**Hay** – One flake from a rectangular bale **or** 10-inch section cut from a round bale. The flake/slice should be approximately 6 inches in thickness and tied in two directions.

- 2415** Alfalfa hay

- 2416** Native Grass hay  
**2426** Cool Season Grass Hay (fescue or brome)  
**2430** Wheat variety exhibit

These displays by members enrolled in the wheat variety plot project. Members must include the varieties provided in the display, but may include more varieties, if desired. Judged on 70 % educational value and 30% quality of display material

**2440 Weed Control Exhibit**

1. Collect, identify, press, mount, and label a minimum of 15 weeds. Try to include their roots, stems, leaves and flowers. Three of the weeds must be noxious weeds preferably found in your county. Standard 9"x12" scrapbook may be used. Identify the book with your name and county on the inside front cover.
2. Prepare a list of the weeds mounted, showing common name, scientific name, and where it was found. Place the list in a specially identified section of the scrapbook.
3. Collect and identify weed seeds found in crop seeds. Mount them for display purposes. Place them in a specially identified section of the scrapbook.
4. Write a story on "How We Control Weeds on Our Farm" Or "How We Control Weeds at Home". The story should be about 300 words in length. It must show definite methods used to control weeds. Place the story in a specially identified section of the scrapbook.

**Basis for Awards:**

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

Story: "How We Control Weeds on Our Farm" or "How We Control Weeds at Home 20%

**Department S - Food Preparation**

Superintendents: Amy Taylor, Jackie Chandler

**Foods will be entered and conference judged on Friday, July 23 from 8:00 a.m. - 11:30 a.m.**

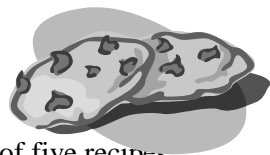
1. 4-H members may exhibit **one entry per class.**
2. **To qualify for the 4-H Fair Food Auction, the food item must earn a purple ribbon**, with the exception of Class #145 Decorated Food Items. For Class #145, items earning purple or blue ribbons will qualify for the auction. **A maximum of two items will sell per exhibitor. The exhibitor will receive 50% of their highest selling item.** If an exhibitor qualifies more than two items for the auction, superintendents decide which two items sell.
3. Youth should be present for consultative judging. Anyone not present at time of judging is not eligible to compete for Grand and Reserve Champion or

the 4-H Food Auction, but the exhibit will be judged provided the youth types a one page paper outlining their project, challenges, methods, etc.

4. **For food safety purposes**, any food with custard and dairy-based fillings and frostings (ex. Cream Cheese), raw eggs, flavored oils, “canned” bread or cakes in a jar, cut fresh fruit or any food requiring refrigeration will be disqualified and not judged. Refer to K-State Research and Extension Publication, 4H488, Judge’s Guide for Food and Nutrition Exhibits, or call the Extension for more information.  
**Further Clarification: If cream cheese or sour cream (or anything considered a dairy product) is mixed into the entire batter and baked sufficiently, it does not require refrigeration will be allowed. If the dairy product (cream cheese, etc.) is in a filling, then it is not considered baked in with the dry ingredients and remains moister, therefore requiring refrigeration and will NOT be allowed.**
5. Alcohol (ex. Wine, beer and hard liquor) is not allowed as an ingredient. Entries with alcohol in the recipe will be disqualified and not judged.
6. Recipes are required for all food product exhibits including box mixes. Products without recipes will be discounted one ribbon group.
7. Food exhibits should be in food grade plastic bags, disposable plastic containers or boxes and placed on paper or foam plates or foil covered cardboard. Container will not be judged.
8. Attach gummed label to bottom of plate or cardboard. Labels are available at the Extension Office. **Please do this prior to arriving at the fair.**
9. All un-frosted cakes should be exhibited in an upright position with crust showing, except for cakes made with special designs such as Bundt cakes. They should have top crust side down.
10. Educational classes: Exhibits may be in the form of a poster, notebook or display. No card table displays. If the exhibit is a poster, it must not be larger than 22" x 28". If a display, maximum size is a 3' x 4' tri-fold display board. Name and district must be clearly marked on educational exhibit.

### **Classes for 7-8 year old exhibitors**

117. \*Five baked or no-bake cookies
118. \*Five muffins
119. \*One serving of a walking snack
120. \*Favorite recipes box or notebook with a minimum of five recipes
121. \*Educational exhibit



### **Classes for 9-11 year old exhibitors**

122. One quick bread exhibit. May be five muffins, one loaf or one coffee cake
123. Five bar cookies (recommended size 2" x 2" each).
124. One microwave product. May be five cookies, one cake or one loaf of bread.
125. One single layer frosted cake.



- 126. \*Favorite recipes box or notebook with a minimum of 10 recipes.
- 127. Educational exhibit

### **Classes for 12-14 year old exhibitors**

- 128. Five baked cookies
- 129. One loaf quick bread. The use of whole grain, fruits and/or nuts is encouraged.
- 130. One unfrosted angel food or chiffon cake
- 131. Five yeast rolls
- 132. One loaf of yeast bread
- 133. One specialty bread (i.e. five pretzels, five bread sticks, a fruit bread or tea ring)
- 134. One microwave product. May be five cookies, one cake, or one loaf of bread.
- 135. \*Favorite recipes box or notebook with a minimum of 15 recipes.
- 136. Educational exhibit.

### **Classes for 15-18 year old exhibitors**

- 137. One cake, frosted or unfrosted.
- 138. One microwave baked product. (May be five cookies, one cake, or one loaf of bread.)
- 139. Five yeast rolls
- 140. One loaf of yeast bread
- 141. One specialty bread exhibit (i.e. five pretzels, five bread sticks, a fruit bread or tea ring)
- 142. One two-crust fruit pie
- 143. \*Favorite recipes box or notebook with a minimum of 20 recipes
- 144. Educational exhibit

### **Classes for all exhibitors**

- 145.\*One decorated food item. Open to all ages
- 4306. One food gift package. Open to all ages. No alcoholic beverages. Package must contain at least 3 different items (prepared for human consumption), made by the 4-H member, in suitable container no larger than 18" x 18" x 18". Prepared food items must have recipes attached with the entry. Additional homemade food items beyond the 3 minimum or purchased items may also be included in the gift basket. **Food items in the gift basket will NOT be tasted. The gift package will be judged based on recipes, appearance and usefulness.**

On back of the entry card, answer these questions:

a) What is the intended use? b) What food safety precautions were taken during and after preparation? c)

Home canned foods must follow Food Preservation rules. Canning jars should not be used for baking per manufacturer's instructions.

**NOTE:** Unless the exhibitor declares at judging, they do not want to sell, purple award gift packages will be sold with half proceeds to 4-H Council.

## Department T - Food Preservation

**Food Preservation exhibits will be entered and conference judged on Friday, July 23 from 8:00 a.m. - 11:30 a.m.**

1. *See consultative judging rule for youth needing to be absent under general rules #7, page 2.*
2. All exhibits must have been preserved since the previous year's county fair.
3. Recommended recipes and processing methods must be used. Recipes must be from 1995-present and be adjusted for altitude based on processing location or it will be disqualified. Processing methods that will be disqualified include: open kettle canning, oven canning, and sun canning. Untested recipes will be disqualified for food safety reasons. Tested recipe resources include:
  - K-State Research and Extension Food Preservation Publications
  - Other university Extension Food Preservation publications
  - USDA Complete Guide to Home Canning
  - So Easy to Preserve, 6<sup>th</sup> Edition, University of Georgia Cooperative Extension
  - Ball Blue Book Guide to Preserving
  - Ball Complete Book of Home Preserving
  - All New Ball Book of Canning and Preserving
  - Canning Mixes (i.e. Mrs. Wage's Ball)
  - Pectin Manufacturers (i.e. SureJell, Ball)
  - <http://www.rrc.k-state.edu/preservation/recipes.html>

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

- 4H712, Food Safety Recommendations for Food Preservation.
  - MF3170 "10 Tips for Safe Home-Canned Food"
  - MF3171 "Sassy Safe Salsa at Home"
  - MF3172 "What's Your Elevation?"
  - MF3241 "How to Guide to Water Bath Canning and Steam Canning"
  - MF3242 "How to Guide to Pressure Canning"
4. Alcohol not allowed as an ingredient in food preservation entries.
  5. **4-H member may exhibit one entry in each class.**
  6. Each exhibit must have the complete recipe and instructions attached with the entry card, or it will be lowered one ribbon placing. Recipe must include exhibitor name, recipe source, date of publication and altitude where food was processed.
  7. Exhibits must be in clean, clear standard **canning** jars, with matching brand (ex. use Ball lids on Ball jars, or Kerr lids on Kerr jars, etc.) two-piece lids. Do not add fancy padded lids, fabric over wraps or cozies as they interfere with the judging process. Jars must be sealed when entered. For food safety reasons, the size of jars used must not be larger than the jar size stated in the recipe. Note: There are 12-ounce and 24-ounce canning jars available. Use

pint jar process recommendations for 12 ounce jars. Use quart jar recommendations for 24 ounce jars.

8. Each jar exhibited must be labeled. The label must not cover brand name of jar. The label must give: Class No, Product, Altitude where processed, Canning Method (water bath, weighted gauge or dial gauge pressure method), Process Time, Pressure (psi), date processed including month and year, Name, and County/District. Labels are available at the Extension Office or on the fair website.
9. If dried food product is not in a canning jar, it will be lowered one ribbon. Suggested amount: 1/3 – 1/2 cup, or 3 to 4 pieces per exhibit. Meat jerky must be heated to an internal temperature of 160 degrees F before or after drying. This is not the drying temperature! Dried products must include the recipe, preparation steps and heating instructions. Jerky not heated to an internal temperature of 160 degrees F will be disqualified. Heating information can be found in “Dry meat Safely at Home”  
[www.ksre.ksu.edu/bookstore/pubs/MF3173.pdf](http://www.ksre.ksu.edu/bookstore/pubs/MF3173.pdf)

- 4350** Sweet Spreads (Fruit and/or Vegetables); Syrups, one jar
- 4351** Fruits, Juices, Fruit mixtures (Salsa, Pie Filling, etc.); one jar
- 4352** Low-acid Vegetables (green beans, corn, etc. or veg. mixtures); one jar
- 4353** Pickles (Fruit or Vegetable) Fermented Foods and Relishes and Chutney; one jar
- 4354** Tomato/Tomato Products Tomato Juice and Tomato Salsa; one jar
- 4355** Meats; one jar
- 4356** Dried Foods; One small jar



## Department U - Forestry

Superintendent: Natasha Dillon



### **Exhibit only in phase enrolled.**

- 1) All leaf exhibits are to be mounted on 8 1/2 x 11 inch heavy stock paper and placed in loose leaf binders. (Magnetic or adhesive filler sheets for photographic prints or sheet protectors are recommended.) Twigs and fruit collections maybe exhibited in whatever manner you choose. Max tri fold size 3'x 4'. Resources on [www.kansas4-h.org/projects/agriculture-and-natural-resources/plant-sciences/forestry](http://www.kansas4-h.org/projects/agriculture-and-natural-resources/plant-sciences/forestry)
- 2) **Name, club, age, and year in project** should be on the front cover or in a prominent location
- 3) Leaves should be identified with an appropriate label located near the leaf on the same page. These labels should include (1) the proper common name as listed in the 4H334 Publication, “List of Native Kansas Forest Trees”; (2) location (city and/or county) where collected; and (3) day, month, year (or month, day, year) collected.



- 4) Divide specimens into the following two sections: Native Kansas trees and Non-Native trees.
- 5) New specimens are those specimens collected during the current 4-H year and cannot be a duplicate tree species of previously displayed specimens.
- 6) Have samples grouped according to the year collected.
- 7) Variations of varieties do not count as different species or specimens.
- 8) When replacing previously displayed samples, due to degradation, improper mounting or incorrect identification, the specimen label must be updated. Replacements do not count as new specimens. Replacements should be displayed according to the year originally collected.
- 9) If you retrieve information for your forestry exhibit, you must include a reference citation to the source.
- 10) In all leaf collections, exhibit one complete leaf where possible. If leaf is too large, exhibit as much as possible. Sketch in reduced scale the entire leaf and illustrate where the exhibited portion is from. Note: A "leaflet" is incorrect when displayed as the complete leaf for the tree.
- 11) All work must show originality. Leaf collections and displays should not closely resemble work done by others in the same club.

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

#### **5100 1<sup>st</sup> year** (Choose either A or B)

- A. Exhibit a minimum of 10 different leaves from native Kansas trees collected within the year. Exhibit can include non-native leaves in addition to the required number of leaf specimens collected from native Kansas trees.
- B. Exhibit a minimum of 5 native Kansas trees showing leaf, twig and fruit from each species collected.

#### **5101 1<sup>st</sup> or 2<sup>nd</sup> year** (Choose either A or B)

- c) Exhibit a minimum of 20 different leaves (including 10 new specimens) from native Kansas trees. Exhibit can include non-native leaves in addition to the required number of leaf specimens collected from native Kansas trees.
- d) Exhibit a minimum of 10 native Kansas trees showing leaf, twig and fruit from each species collected. This exhibit must include 5 new leaf, twig and fruit specimens.

#### **5102 3<sup>rd</sup> or 4<sup>th</sup> year** (Choose either A or B)

- A. Exhibit a minimum of 30 different leaves (including 10 new specimens) from native Kansas trees. Exhibit can include non-native leaves in addition to the required number of leaf specimens collected from native Kansas trees.
- B. Exhibit a minimum of 15 native Kansas trees showing leaf, twig, and fruit from each species collected. This exhibit must include 5 new leaf, twig and fruit specimens.

**5103 5<sup>th</sup> year and beyond** (Choose either A or B)

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

**OR**

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

**How a Tree Grows**

**5104** Notebook: May include a project notebook with 10 or more seeds collected with pictures showing 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**

**5105** Notebook: May include a research or reporting notebook with no more than 10 pages based on the exhibitor's selected tree. Must be different species each year. Include sketches, drawings, pictures, a story, or any other things which will help tell about the tree you have selected.

**Growing and Protecting Tree**

**5106** Display/Notebook: Requires a display or project notebook telling about project and pictures before, during, and after planting seedlings/container tree/balled tree. Maximum tri-fold size is 3' x 4'.

**Tree Culture**

**5107** Display/Notebook: Requires display or project notebook showing your project work and include pictures of before, during, and after wood lot improvement. Maximum tri-fold size is 3' x 4'.

**How Forests Serve Us**

**5108** May include collected wood samples (all or partial) and 2 page essay. Wood sample display to be mounted on poster board or any stiff mounting material no larger than 3' x 4' tri-fold. Essay should be displayed in a covered binder.

**Educational/Creative Exhibit**

**5109** Must be directly related to tree identification **or** forestry. Type of exhibit is open (notebook, poster, collection box, etc.) given a maximum tri-fold size of 3' x 4'. Care should be taken to use durable materials to withstand fair conditions. This is a good class to exhibit an unusual collection.



Superintendent: Natasha Dillon

- 1) The exhibit box should be 18" x 24" x 3 ½". **Plexiglas covers are required. Boxes with glass covers WILL NOT be accepted.** All specimens are to be arranged across the narrow (18") dimension of the exhibit box, making the exhibit 18" across the top and 24" deep exactly. If a box has a sliding Plexiglas cover, it must be removable from the top. Screws, locks or devices that would prevent judges from removing glass cover should not be used. For Lapidary classes only, the dimensions of the box should be appropriate for the display, but should not exceed 18"x24"x31/2".
- 2) Each exhibitor is required to identify each display box by placing an identification label bearing: *Name, County/District, Number of Specimens* in the upper left-hand corner of the Plexiglas cover (inside- use clear double-sided tape to adhere gummed labels), and by attaching a label with the same information on the lower right corner of the box (outside).
- 3) Exhibitor may enter in both geology and lapidary classes.
- 4) Geology specimens should be labeled with the number of the specimens, date collected, specimen name or description, and locality (county only) where collected.
- 5) For geology classes 5200-5203, specimens should be mounted in the box by proper groups: *Rocks, Minerals, Fossils*. Fossils must be identified to the Phylum, Class and Genus level. Genus name is to begin with a capital letter. Species name 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. More than one specimen of the same kind of rock or mineral or species of a fossil may be exhibited if this duplication represents different geological formations. Specimen label must show this distinction (Fort Hays limestone, not just limestone; calcite from the Greenhorn Formation, not just calcite; Phylum Brachiopoda Class: Articulata Genus: Composita from the Morrill Limestone Member, not just Phylum: Brachiopoda Class: Articulata Genus: Compsita).
- 6) For geology classes 5200, 5201, 5202, 5203, 5305, and 5206 all specimens must be collected by the participant (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.

**5200** Geology. Display at least 15 different rocks, minerals, or fossils collected during the current 4-H year. Limited to 1 exhibit box.

- 5201** Geology. Display at least 30 different rocks, minerals, or fossils and at least 5 of each. **Fifteen must be collected during the current 4-H year.** Limited to 1 exhibit box.
- 5202** Geology. Display at least 45 rocks, minerals, or fossils and at least 5 of each. **Fifteen must be collected during the current 4-H year.** Exhibit limited to two display boxes. Identify the rocks as igneous, metamorphic or sedimentary. These rock types must be spelled out on labels or have a legible key.
- 5203** Geology. Display at least 60 rocks, minerals, or fossils, at least 5 of each. **Fifteen must be collected during the current 4-H year.** Exhibit is **limited to 2 boxes**. Identify the rocks as igneous, metamorphic or sedimentary. These rock types must be spelled out on labels or have a legible key.
- 5204** Geology Educational Exhibit: Exhibit relating to everyday living; or to a mineral test, a rock formation, geological history, species of a fossil, forms of one mineral, a variation of one kind of rock, archaeological artifacts, or Indian artifacts. Exhibit limited to 4 feet of table space. Exhibitor may also exhibit in lapidary class.
- 5205** Mineralogy. Display a minimum of 15 mineral specimens collected in Kansas, at least 5 of which have been collected during the current 4-H year. The minerals are to be grouped by mineral class (ie: Carbonates, Oxides, Silicates) and at least 3 classes must be represented. The member must use one standard display box. The specimens must be labeled with the number of the specimen, date collected, name of specimen, county where collected and chemical composition (ie: CaCO<sub>3</sub> for calcite) if known.
- 5206** Fossils. Display a minimum of 15 fossil specimens collected by the participant in Kansas, at least 5 of which have been collected during the current 4-H year. The fossils are to be grouped by Phylum and Class, and at least 3 phyla must be represented (Brachiopoda, Chordata, Mollusca, etc.) The member must use one standard display box (see #1). The specimens must be labeled with the number of the specimen; date collected; county where collected; formation, member, or source; phylum, class, and genus or part; and geologic age

**Lapidary Classes**

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

All lapidary specimens should be labeled with the following information:

- Specimen name
- Date lapidary treatment began
- Place of origin
- Date lapidary treatment completed
- (county, state)
- Purchased or self-collected

**5300 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.

**5301 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-Her collect any of these. Locales must be identified. Lapidary work should be done during the current 4-H year.

**5302 Lapidary.** Display before-and-after examples of at least 6 varieties of specimens, at least 2 tumble-polished & 2 unpolished. At least 2 varieties should be collected from the native site by the 4-Her, at least 1 comes from Kansas. Locales must be identified. Lapidary work on at least three varieties should be done during the current 4-H year.

**5303 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 3 varieties should be collected from the native site by the 4-Her, at least two of which comes from Kansas. Locales must be identified. Lapidary work on at least three varieties should be done during the current year.

**5304 Lapidary.** Exhibit at least 6 specimens not previously exhibited, which have received lapidary treatment. Lapidary treatment may consist of polishing, an end, face, or flat lapping. Specimens must represent at least 3 different varieties and include at least 3 cabochons of any size or shape, only one of which may be free-formed. A cabochon is a style of cutting in which the top of the stone forms a domed or curved convex surface. Three of the specimens must be mounted into jewelry findings.

**Special lapidary exhibits should be entered in class 5304.**

## Department W - Home Environment



Superintendent: Natasha Dillon

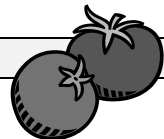
- Summary including plans, explanation of how the items was made or refinished, and how it fits into the color and design of the room. Summary could also include project inspiration, challenges, who helped you, and any other information that could be helpful to the judge. Summary should be in a plastic protective sleeve and attached to exhibit.
- Projects with missing or insufficient summary will be docked.
- Exhibits should be of high quality (as compared to quick, simple crafts), suitable for use in the home several months throughout the year. Holiday-specific items are discouraged.

4400 Single Exhibit. An article made or refinished by the 4-H member for the home. Must include attached summary.

4401 Design Board. Boards must be on foam core or a standard tri-fold display. Include: color scheme, wall treatment, floor treatment, samples, etc. and/or floor plan for a room. Must include attached summary.

4402 Notebooks may include floor plans, swatches, colors, stories, photographs, and project records which detail what was accomplished with a given indication of long-term plans. Should also include project inspiration, challenges, who helped you, and any other information helpful to the judge. Additional summary is not required for Notebook exhibits.

## Department X - Horticulture



Superintendents: Liz Schwatken

Information about exhibiting produce available in publication “Exhibiting Fruits and Vegetables” at <http://www.bookstore.ksre.ksu.edu/pubs/c405.pdf>

Use sturdy plate, bowl, or container and tape entry card to container.

\*A county fair exhibitor earning a purple ribbon for a particular type of vegetable (i.e. early peas) is eligible to exhibit another vegetable (i.e. late pumpkins) at the State Fair.

**May enter 1 garden display and 4 different vegetable or fruit exhibits.**

**2500 Garden Display** –Limited to 4 square feet of space. Garden Display must be exhibited in a tray, basket or container that can be easily moved. Exhibit consists of 5 different fresh vegetables or fruits. Canned and shelled vegetables are not acceptable. Only one variety of each type of vegetable or fruit may be exhibited. The numbers of the 5 vegetables or fruits to be exhibited are as follows:  
**Large Vegetables** (One Each): Cabbage, Cantaloupe, Eggplant, Large

Pumpkin, Squash, Watermelon.

**Medium Vegetables** (Five Each): Beets, Carrots, Cucumbers, Decorative Gourds, Potatoes, Miniature Pumpkins, Okra, Onions, Peppers, Radishes, Sweet Potatoes, Tomatoes, or other similar sized vegetable.

**Small Vegetables** (Twelve Each): Green snap beans, wax beans, English peas, radishes or other similar sized vegetables.

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

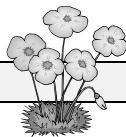
**Tree Fruits** (5 each): Apples, pears, peaches or similar sized fruits.

**Grapes** (2 bunches)

- 2501** Small Vegetable specimen plate (12) Ex: green snap beans, yellow wax beans, radishes, other small vegetables.
- 2502** Medium Vegetable specimen plate (5) Ex: cucumbers, cherry tomatoes, tomatoes, beets, white onions, yellow onions, red onions, bell peppers, other peppers, okra, parsnips, turnips, radishes, sweet potatoes, red potatoes, white or Russet potatoes, carrots, miniature pumpkin, decorative gourds, or other medium sized vegetables
- 2503** Large Vegetable specimen plate (1) Ex: watermelon, summer squash, winter squash, large type pumpkin, eggplant, cabbage, cantaloupe, other large vegetable.
- 2504** 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.
- 2505** Small fruits (one half pint box) Ex. Strawberries, blackberries, raspberries, or other similar sized fruits. If other, please include name of fruit on entry.
- 2506** Tree Fruits (plate of 5) Ex. apples, pears, peaches, or similar sized fruits.
- 2507** Grapes (plate of 2 bunches).

### Department Y - Floriculture

Superintendents: Liz Schwatken



1. **A 4-H member may enter up to 4 floral exhibits, plus a notebook.** Each cut flower specimen must be of a different species.
2. Potted plants are not accepted.
3. All materials should be grown and collected rather than purchased. Entries should not take over one square foot of table space.

4. Display should be exhibited in a disposable container that is easily moved by staff. Fair association is not responsible for the loss or damage of vases or containers. Container will not be judged.
5. Information about exhibiting flowers can be found online in the publication "Preparing Cut Flowers for Exhibit", at [www.bookstore.ksre.ksu.edu/pubs/4H826.pdf](http://www.bookstore.ksre.ksu.edu/pubs/4H826.pdf)

- 5600** Annual Garden Flower, cut specimen, single stem
- 5601** Perennial Garden Flower, cut specimen, single stem
- 5602** Fresh Flower Arrangement. Flower materials must be grown and/or collected by exhibitor, not purchased.
- 5603** Dried Flower Arrangement, no fabric or plastic material allowed
- 5604** Horticulture Notebook –three ring binder written narrative describing a horticulture project such as: landscape design, landscape installation, lawn renovation, water garden, flower garden, vegetable garden, lawn mowing service, landscape maintenance business, farmer's market business, or other horticulture project. 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 helpful. Exhibitor may enter two different horticulture notebooks. Horticulture notebook scoring is as follows: Organization and General Appearance (neat, title page table of contents, original, creative, etc.) 20%; Narrative (goals, successes, failures, etc.) 40%; General Content (subject matter, photos, maps, knowledge gained, etc.) 40%.

<b>Department AA - Photography</b>
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Superintendents: Julie Newby, Sharon Ward

*Photography exhibits will be **judged consultatively Friday, July 23, 8:00 a.m. to 11:30 a.m.** See consultative judging rule under general rules #7, page 2.*

1. Photographs exhibited must be the result of the current year's project work by the club member. All photos must be no larger than 8" x 10" and no smaller than 7" x 9" (**except 4 picture exhibit).**
2. **Photos are to be mounted across the narrow (11 inch) dimension of an 11" x 12.5" sheet of matte board (board available at Extension office \$1.25) with the top edge of the print 1 inch below the top of the mount. A permanent mount should be made, using photographic adhesive such as a permanent spray adhesive. Do not use double sided tape or rubber cement. Remove the white border from enlargement before mounting. The sides of the print must be equal distance from the sides of the mount. Improperly mounted**



photos will be penalized one ribbon placing. Visual instructions available at Extension office.

3. Photo should be protected with clear bags available (.25) at Extension office or with two-gallon Ziploc bag. **Do NOT seal the bag!**
4. No lettering (including dates) will be permitted on the front of the mount or on the pictures. No underlay or borders are to be used.
5. Each exhibitor's *name, photo class, and extension district (Wildcat) plus county (MG)* should be written on the back of the mount.
6. Photographs taken with a digital camera and having no more adjustments than exposure, color intensity or correction, one click filter effects, red eye removal, cropping, dodging and burning should be entered in the standard color or black and white classes. HDR (High-Dynamic-Range) photos are to be entered in the standard photo class.
7. The black and white classes are for black and white prints only.  
Monochromatic prints, sepia prints are considered color photos and must be entered in the appropriate color photo class.
8. Photos with live subject(s) on railroad right away or taken from railroad right of way property will not be displayed and will be disqualified.
9. Copyright protections must be observed.
10. Each exhibitor will be **limited to 6 entries, no more than 2 per class.**

### Classes for 7-8 year old exhibitors

191. \*4-picture exhibit. Four pictures (3 1/2" x 5" or 4" x 6") untouched, not enlarged, mounted on 11" x 12 1/2" matte board. Must include one picture of a building, one of a person, one landscape shot and one picture of an animal.
192. Color photo taken by 4-H member.
193. Black and white photo taken by 4-H member
194. \*Digital Composite Image



### Classes for 9-11 year old exhibitors

196. Color photo taken by 4-H member.
197. Black and white photo taken by 4-H member
198. Digital Composite Image

### Classes for 12-14 year old exhibitors

200. Color photo taken by 4-H member.
201. Black and white photo taken by 4-H member
202. Digital Composite Image

### Classes for 15-18 year old exhibitors

204. Color photo taken by 4-H member.

**205.** Black and white photo taken by 4-H member

**206.** Digital Composite Image

**\*Digital Composite Image:** Photo must be created from two or more originals taken by the exhibitor. Exhibitor must include a second 11 x 12-1/2 matte board (Explanation Board) mounted with standard size prints of the original photos, 3 x 5 card(s) explaining what manipulation was done and a standard size print of the final photo. May include prints of editing steps. Photos showing editing steps may be layered. Please put name and Extension Unit on the front of the second board. Explanation Boards will be displayed along with the finished board. Place both matte boards in the same protective plastic bag. HDR photos do not qualify for this class. Photos will be judged on photographic merit as well as manipulation technique and process. Ribbon placement will be determined by combining the score of each judging section.

**Portfolio Classes for members in the project longer than five years:**

**4807. Growth Portfolio**

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

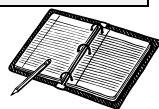
**4808. Career Portfolio**

1. Member must have been enrolled in photography (5) or more years or member must be age 15 -19 & been enrolled in photography for at least (2) years.
2. Exhibit will consist of (10) 8 x 10 photos showing skill development in one of the following photography areas: Portraiture, Special Effects (not done with computer), Landscape, Photo Journalism, Black & White, Nature/Wildlife or Graphic Design (computer skills with photos). Photos may have been created over multiple project years.

3. An information sheet must accompany each photo giving brand and model of camera used to create the photo. The settings for focal length, aperture, mode and shutter speed must also be listed.
4. A one page summary should accompany the portfolio listing the goal for pursuing this area of photography and what skills were learned. Mentors should be acknowledged. Career exploration can be described.
5. Exhibit will be presented in a notebook designed for portfolio review with pages for required information from #4 and #5.

### Department BB - \*Project Notebooks/Displays

Superintendent: Kwynn Kyd



#### **Limit of 1 entry per class.**

This class is for projects that do not have exhibit classes in the fair.

#### **Any of the classes below may be done over a pet project.**

This class is for 4-H projects which do not lend themselves easily to fair exhibition. Educational project notebooks and displays are exhibited for a 4-H member to tell about something they learned in a 4-H project. It is important that notebooks and displays contain pertinent, easy to read information.

The following criteria will be considered when judging notebooks and displays:

#### **General Appearance (30 Points)**

- Neat, clean
- Printing or lettering well done
- Readability
- Sufficient space (margins) allowed around the edges and between lettering to read easily.
- Any additional art work added to the notebook or display.

**Information (50 Points)** –Accurate, Brief, Correct spelling, Central idea clear to reader

**Organization (20 Points)** -Easy to understand & Logical

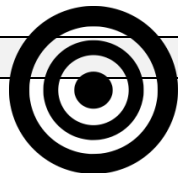
**208.** \*Project Notebook

**209.** \*Educational Display

- must be the standard tri-fold board only maximum 3' wide x 4' tall

**210.** \*Educational Poster

- Must be flat and no larger than 22" x 28"



**Limit two (2) entries per exhibitor.**

- Exhibits in this department are open to educational displays or promotional posters. Exhibits must follow copyright and game laws, see general rules.
- Entries will **prominently incorporate the 4-H Clover with KSRE branding and should include the Kansas 4-H Shooting Sports emblem.** Failure to do so will penalize entry one ribbon color (co-brand and emblem found on Mg. county website in the right hand grey column)
- Exhibits exceeding the size guidelines will be penalized one ribbon color.
- Exhibitors must comply with all state and federal laws and fair policies. No “live” ammunition containing propellant or explosive powders may be used in display! Artistic substitutes must be used in lieu of powder and live ammunition - **label artistic substitutes on back for clarification.** The substitution must be clearly described on the back of the poster, display or in a notebook.
- Exhibits will not be accepted if they are related to reloads
- *Name, district/county, age and year in project* should be in a prominent location on the FRONT of exhibit along with branding logos outline above.

**Educational displays** will be judged on the following points:

- Stopping Power, idea presented clearly, simply, forcefully? (15pts)
- Interest, Holding Power, facts in a clear, concise way? (15pts)
- 4-H Project Application, subject an effective showcase? (15pts)
- Mechanical Power, easy to read, pleasing colors, (5pts)
- Personal Growth, knowledge was gained & Enthusiasm (25pts)
- Educational Value (25pts)

**Posters will be judged on:**

Stopping Power – 30%; Interest/Holding Power – 30%

4-H Project Application – 25%; Mechanical Power – 15%

**6200** Educational Display- Must be directly related to the 4-H Shooting Sports project (standard tri-fold boards only, no larger than 3’x4’), no additional table space for promotional materials

**6201** Promotional Poster- Must promote the 4-H Shooting Sports project (flat poster no larger than 22” x 30”)

**6202** Notebook – Contents pertain to some phase, story/information about 4-H Shooting Sports. Must be or larger than 8.5x11

## Department DD - 4-H STEM

Superintendent: Kwynn Kyd



### ASTRONOMY

**Consultative judging. Sign-up sheet will be at check-in table. See Gen. rules #7**

1. Each exhibitor may enter one exhibit per class. Exhibit must have been completed during the current 4-H year.
2. 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.
3. Telescopes are limited to no more than six feet in length. They must be placed on a stationary stand that does not allow the telescope to roll and/or fall over. The stand cannot extend past 2 feet in length or width.
4. 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) for the telescope and place it inside the manila envelope. For notebooks, display boards, and posters, no additional exhibit information is required; no manila envelope is needed.
5. See the last section for full details about exhibiting posters, display boards and notebooks.
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. Exhibitor's name, county/district, age, and year(s) in project must be tagged or labeled in a prominent location on the telescope stand.
8. If a safety violation is noted by the judges, superintendent, or other staff, the exhibitor's exhibit, at the judges' discretion, will receive a participation ribbon.

**5500** Telescope made from kit

**5501** Telescope made from original design

### COMPUTER SCIENCE

**Consultative judging. Sign-up sheet will be at check-in table see General Rules #7**

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. 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.

1. Exhibitor's name, county/ district, 4-H age, and years(s) in project must be tagged or labeled in a prominent location on the exhibit, educational display, notebook, and/or poster.
2. See the last section for full details about exhibiting posters, display boards, and notebooks.
3. All exhibits other than posters, display boards, and notebooks must be:
  - a. Self-contained on a USB drive (thumb drive, flash drive, jump drive, or other any other name for a small USB storage device; the rules will use "USB drive"). This means that a judge can plug in the USB drive into a computer and be able to run the exhibit as described below.
  - b. System-On-A-Chip (SOC) (such as Raspberry Pi) or a Micro-Controller (such as an Arduino or Ozobot) AND is a compact (less than 8"X8"X8") system, which can be programmed AND requires minimal assembly to operate (e.g. connecting power, display, and keyboard/mouse cables). Referred to as a "chip system" through the rest of the rules.
4. Physical computers such as tablets, smart phones, laptops, or personal computers (PCs) will not be accepted as an exhibit.
5. "Chip systems" may use/include GPIO bread boards or HATs (Hardware Attached on Top) the size of which is not included in the size of the chip system, however the total size of the chip system and GPIO devices may not exceed 24"X24"X24" including any protective enclosures.
6. Any attached GPIO devices are not judged for electrical construction or quality as this division is focused on the operational aspects of the systems that have automated articulated structures (arms, wheels, grippers, etc.) which the exhibitor constructed, can also be classified as a robot, and the exhibitor must decide which division to exhibit in as the exhibit may not be entered in the both divisions.
7. For chip systems, all electric components of the system must be adequately covered or concealed with a protective enclosure.
8. For all computer system entries the following items are required as part of an exhibit packet:
  - a. A manila envelope with the Computer Exhibit Form attached to the front, this form can be downloaded at [www.KansasSpaceTech.com](http://www.KansasSpaceTech.com).
  - b. A USB drive labeled with the 4-Hers name, county/district, and club; in a way that does not prevent it from being plugged into a computer.
  - c. For exhibits that are entered on USB drives, at least one (1) graphic (picture, screen shot/capture, slide, etc.) of the project must be printed out on an 8.5" X 11" sheet of standard computer paper, **placed in a plastic sheet protector**, to allow for proper display and

recognition at the Kansas State Fair. This is what will be displayed during the fair, all other materials will be sent back to the county/district office. On the back side of the graphic the 4-Her's name, county/district, and club should be listed.

- d. Instructions to run any part of the exhibit on the USB drive. (There should be at least three (3) items in your manila envelope: USB drive, graphic and instructions).

9. Each exhibit must be accompanied by a "4-H Engineer's Journal." The engineer's journal should be typed. It can either be included electronically on the USB drive (preferred) or printed and placed in the manila envelope.
10. The "4-H Engineer's Journal" should start with a dated entry describing what the 4-H member is trying to accomplish/build.
10. The "4-H Engineer's Journal" should conclude with a dated entry describing what the 4-H member achieved in creating. (The start and end many times will be different. The judges are interested in the journey).
10. Additional entries in the "4-H Engineer's Journal" should be made as progress occur describing successes and failures; as well as the steps done and any sources of information including links used.
10. Pictures can also be included in the "4-H Engineer's Journal" but should not be more than 50% of the entries.
10. The "4-H Engineer's Journal" should contain at least one graphic.
10. The "4-H Engineer's Journal" must be at least 3 pages in length, example of "4-H Engineer's Journal" can be found at [www.KansasSpaceTech.com](http://www.KansasSpaceTech.com).
10. The "4-H Engineer's Journal" will comprise 50% of the overall exhibit score.
10. If the exhibit is a program, application, app, web site, or requires any coding, the source code must be included on the USB drive. Failure to include the "source code" may result in up to one ribbon place deduction.
11. Diagrams or decision trees showing the logical flow of the system must be included on the USB drive for all exhibits.
12. 4-Hers should bring a computer that will run their project to the fair for judging. Operating instructions are required. An example of instructions can be found at [www.KansasSpaceTech.com](http://www.KansasSpaceTech.com).
13. Each exhibit must accomplish a specific automated task using a computer, a chip system, or virtual machine (VM).
14. All licensing should be adhered to for any software used in the exhibit. The creation of viruses, malware, malicious applications or code, defamatory language or graphics, bullying, or any material that is "mean," "dangerous," or harmful according to the judge's opinion will result in the exhibit being disqualified.
15. Pictures or graphics created are not eligible for entry as a project in this division, and should be entered in the appropriate photography division.

Judging will be based on a score sheet which can be found at [www.KansasSpaceTech.com](http://www.KansasSpaceTech.com). There are four (4) areas each exhibit will be judged on. They are:

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

#### Division A – Computer Systems

- 5590** Computer program, application, app, script, or coded system that is new and unique (not merely a file run in a program, such as a ‘word document’ or a picture drawn in ‘Microsoft Paint.’)
- 5591** Presentation (power point, web page, animated graphics, etc.)
- 5592** Single computer system (web server, database server, etc.)
- 5593** Networked system consisting of two or more computers
- 5594** Chip system- a small (4”X4”X4”) programmed physical device that accomplishes a specific task

### ROBOTICS

**Consultative judging. Sign-up sheet will be at check-in table see general rules #7**

1. Each exhibitor may enter one robot per class.
2. Each robot must be free-standing, without the need for additional supports in order to be moved or exhibited. Each exhibit must include a robot, information packets are not a sufficient exhibit.
3. Robots must have automated articulated structures (arms, wheels, grippers, etc.). Game consoles that display on a screen are not robots and should either be entered in computer systems division or energy management. Robots requiring no assembly, just programming, are considered computer systems projects.
4. Robot dimensions should not exceed 2 feet high, by 2 feet wide, by 2 feet deep. Weight may not exceed 15 pounds. If displayed in a case (not required) the outside case dimensions may not be more than 26 inches in height, width, or depth.
5. Materials including but not limited to obstacles, spare batteries, and mats for testing the robot may be brought by the exhibitor on the day of judging and those materials not essential to the exhibit may be taken home following completion of judging.
6. All electric components of the robot must be adequately covered or concealed with a protective enclosure.
7. Robots may be powered by an electrical, battery, water, air or solar source only. Junk drawer robots may be powered by a non-traditional power source. Robots powered by fossil fuels/flammable liquids will be



disqualified. Robots that include weaponry of any kind will be disqualified.

8. Remote controlled robots are allowed provided the robot is not drivable. Robotic arms (hydraulic or electric) are allowed. A remote is allowed provided more than a single action happens when a single button is pressed on the remote, for example “a motor spins for 3 seconds, at which point an actuator is triggered, then the motor spins for 3 more seconds.” Remote controlled cars, boats, planes and/or action figures, etc. are not allowed.
9. Each robot must be in working condition. The judges will operate each robot to evaluate its workmanship and its ability to complete its intended task. In the event the robot uses a phone, tablet, or similar device for programming AND control of the robot, a video can be used to evaluate the working condition of the robot.
10. Each exhibitor is required to complete the “4-H Robotics Exhibit Information Form” which is available through your local Extension office or at [www.KansasSpaceTech.com](http://www.KansasSpaceTech.com). This form must be attached to the outside of a 10” x 13” manila envelope.
11. The exhibit must include written instructions for operation, construction plans, and one to three pages of project photographs. For robots that can be programmed, robot programming information must be placed inside the manila envelope.
12. In the event that the robot uses a device like a phone, iPad, or tablet for programming AND operation, DO NOT leave the device at the fair. Bring it with you the day of judging.
13. Creativity, workmanship, and functionality will be strong criteria in judging the “Robot designed by Exhibitor” classes. All robots should have a purpose or intended function, examples include, but are not limited to: following a line, sweeping the floor, solving a rubix cube, sorting colors, or climbing stairs.
14. Exhibitor’s name(s) and county/district must be labeled in a prominent location on the robot,
15. See the last section for full details about exhibiting posters, display boards and notebooks.

### **JR Division – 7 and 8 year olds**

- 5505a** Robot made from a commercial (purchased) kit. (No Programming just assembly)
- 5506a** Robot designed and constructed by exhibitor. The robot must not be a mere modification of an existing robot kit or plan.
- 5507a** Programmable robot made from a commercial (purchased) kit.
- 5519a** Robot designed and constructed by exhibitor or from a commercial kit, that is operated by a remote controlled device
- 5543a** Junk Drawer Robotics

### **Intermediate Division – 9 to 13 years old**

- 5509** Robot made from a commercial (purchased) kit. (No Programming just assembly)
- 5510** Robot designed by exhibitor. The robot must not be a mere modification of an existing robot kit or plan.
- 5511** Programmable robot made from a commercial (purchased) kit.
- 5546** Robot designed and constructed by exhibitor or from a commercial kit that is operated by a remote controlled device.
- 5544** Junk Drawer Robotics-based curriculum robot

### **Senior Division – 14 and up**

- 5513** Robot made from a commercial (purchased) kit. (No Programming just assembly)
- 5514** Robot designed by exhibitor. The robot must not be a mere modification of an existing robot kit or plan.
- 5515** Programmable robot made from a commercial (purchased) kit.
- 5547** Robot designed and constructed by exhibitor or from a commercial kit that is operated by a remote controlled device.
- 5545** Junk Drawer Robotics-based curriculum robot

### **Team Robotics Project**

- 5517** Robot designed and constructed by two or more 4-H Robotics project members. The robot may be a programmable type that is made from a purchased kit. This division is designed to encourage teamwork and cooperation among fellow 4-H Robotics members. As with many high tech projects today, no one person designs and builds a robot alone. It takes the brainstorming, planning, problem solving, and cooperation of an entire team to complete a given robotics project.

### **ROCKETRY**

**Consultative judging. Sign-up sheet will be at check-in table see general rules #7**

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 a “model rocket kit” or the second may be entered into any other applicable class. May not enter two rockets in the same class.
2. 4-Hers are to complete and sign the rocketry information form, available from [www.KansasSpaceTech.com](http://www.KansasSpaceTech.com) or your local extension office, and attach it to a 10”X13” “manila” envelope. The envelope should contain:
  - Instructions on how to construct the rocket
  - Up to 5 pages of pictures from both construction and launch
  - Documentation of any flight damage that occurred
  - Any modifications made to the rocket

- An additional page for altitude calculations if the space on the form is not enough.

Additionally for original design rockets, or “scratch built” rockets:

- 5 additional pages of photos are allowed
  - Documentation of how the rocket was tested for stability.
3. Rockets are to be displayed upright on a display stand with a sturdy rod that does not extend past the top of the rocket or stand unassisted, unless the rocket is taller than 4 feet in which case no display stand is required and the rocket may be displayed on its side, rockets are not to be displayed on launch pads to save space and prevent someone from being poked in the eye.
  4. Rockets ARE NOT to be displayed with used or unused rocket engines either in the rocket or as part of the stand.
  5. Rockets should be flown, unless there is an active burn ban in the county or conditions are too dangerous to safely launch the rocket. Just flying the last stage (the part with the nose cone) of a multi-stage rocket is acceptable.
  6. All rockets, except those in the JR division, are not to be “beginner’s kits” or use prefabricated fin assemblies or pre-finished rockets requiring no painting, these are not acceptable outside the JR division, and should be disqualified
  7. Angles of fins must fall within a plus or minus 2 degree variation using an approved fin alignment guide (such as KSSTAC10). An official fin guide is available from [www.KansasSpaceTech.com](http://www.KansasSpaceTech.com).
  8. Fins and body tubes, except those in the introductory division, are to be filled and sealed with sanding sealer and/or primer or other suitable filler to eliminate the appearance of body grooves and wood grain.
  9. Fins and launch lugs are to be filleted to reduce drag and properly secure them to the model.
  10. Engine mounts are to be securely attached to the body tube.
  11. Any seams on plastic parts are to be sanded smooth.
  12. The recovery system (typically a parachute or streamer) should be attached according to the instructions
  13. The nose cone is to fit snugly but still allow for easy removal.
  14. “Scale models\*” may be judged based on their paint scheme. Judge may deduct up to one ribbon placing for not following paint scheme.
  15. “Scale Model\*” Rockets are to be finished and completed with a majority (greater than 70%) of decals.
  16. Original design rockets must be designed by the exhibitor(s).
  17. Original design rockets must include detailed instructions, so 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.

18. For a rocket entered in the original design classes, describe in the summary how the rocket was tested for stability prior to flying. Swing testing of the rocket is required. Other tests and calculations are encouraged. Exhibitors must include documentation of the swing test. Failure to swing test a rocket will result in a deduction of TWO ribbon placings.
19. A minimum of one additional page must be added to the rocketry information pack detailing the test(s) performed to insure stability. Encouraged to provide as much detail as possible.
20. Rockets that use more than one 'D' engine or equivalent are consider mid or high power rockets in 4-H.
21. Mid and High Power exhibitors must be at least 14 years of age by January 1 of the current year.
22. 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 [www.KansasSpaceTech.com](http://www.KansasSpaceTech.com)
23. Exhibitors in the mid and high power divisions must hold memberships in either NAR or Tripoli organizations. As such all mid and high power rocketry 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.
24. All rockets in the mid and high power divisions are to be launched under adult supervision.
25. For rockets launched using an engine(s) that have 160.1 ('H' engine or equivalent amount of smaller engines) Newton's-seconds or larger, supervision must be provided by an individual having at least a level 1 high power certification. The 4-H member should also hold or be attempting to attain their level 1 high power certification if launching on this large of an engine.

#### **Division JR - Exhibitors 7 and 8 years old**

**5520a** Rocket made from kit, without pre-assembled fin units. Include plans.

**5520b** Rocket made from "beginner's kit." Include plans. Rockets in this class may have pre-assembled fin units. (This class is for first and second year 4-H members to explore the rocketry project.)

#### **Division A - Exhibitors 9 through 13 years old**

**5520** Rocket made from kit. Include plans.

#### **Division B - Exhibitors 11 through 13 years old (9-10 year olds may not enter in this class)**

**5521** Rocket designed by exhibitor: not merely a modification of an existing kit. Include original plans.

#### **Division C - Exhibitors 14 years and older**

**5525** Rocket made from kit. Include plans.

**5526** Rocket designed by exhibitor: not merely a modification of an existing kit. Include original plans.

**Division D - Exhibitors 11 years and older**

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

**5530** Rocket designed by 2 or more exhibitors: not merely a modification of an existing kit. Include original plans.

**Division E- Exhibitors 14 years and older**

**5536** Mid or high power rocket made from kit or original design.

**UNMANNED AERIAL SYSTEMS**

**Consultative judging. Sign-up sheet will be at check-in table see general rules #7**

1. Each exhibitor may enter one exhibit per class. Exhibit must have been completed during the current 4-H year.
2. The information that accompanies the UAS must be limited to the 4-H UAS Exhibit Information Form which is affixed to a 10" x 13" envelope. This envelope should NOT be attached to the UAS. This may be downloaded from [www.KansasSpaceTech.com](http://www.KansasSpaceTech.com). Any UAS exhibit not including this completed envelope will receive an automatic participation ribbon.
3. Each exhibit MUST include a video of the youth operating their UAS. This allows judges to get a better understanding of the exhibit and allows the youth the opportunity to fully demonstrate their exhibit. The video should be no longer than 8 minutes and should be placed on the CD, DVD, USB drive, or similar.
4. Exhibitor's name, county or district, age, and years(s) in project must be tagged or labeled in a prominent location on the exhibit, educational display, notebook, and/or poster.
5. Unmanned Aerial Systems that include or depict weaponry of any kind will be disqualified.
6. See the last section for full details about exhibiting posters, display boards and notebooks.
7. If modifications are made to the exhibit a page should be attached noting those modifications.
8. For exhibits "designed and constructed by the exhibitor" the UAS must not be a mere modification of an existing kit or plan. You may not exhibit a UAS that is purchased off the shelf in this class.
9. For "practical application" exhibits, the exhibit must include the UAS, plus one or more of the following: video, notebook, poster, display board, etc. This class is separate from educational exhibits. A tangible use would be mapping Russian olive trees, eroded soils, and bindweed in fields, etc. There are also many other non-agricultural UAS uses that would be appropriate for this class.

### **Junior Division A – 7-8 years old**

- 5701a** Unmanned Aerial System “designed and constructed by exhibitor” operated by remote controlled device.
- 5702a** “Practical application” of an Unmanned Aerial System constructed from a (purchased) kit.

### **Intermediate Division – 9-13 years old**

- 5701** Unmanned Aerial System “designed and constructed by exhibitor” operated by a remote controlled device
- 5702** “Practical application” of an Unmanned Aerial System constructed from a (purchased) kit.

### **Division B – Senior, 14 years and older**

- 5706** Unmanned Aerial Systems “designed and constructed by exhibitor” operated by a remote controlled device.
- 5707** “Practical application” of an Unmanned Aerial System constructed from a (purchased) kit.

### **AG MECHANICS -**

1. Each exhibitor may enter one exhibit per class.
2. **Consultative judging Friday at 1:00 p.m.** see general rules #7 about absence for consultative judging
3. Total exhibit dimensions should not exceed 3 feet high, by 3 feet wide, by 3 feet deep (call the extension office and ask for exceptions if needed). Exhibit should be movable by a team of 2 people. Wheeled exhibits must be stabilized.
4. Each exhibit must be free-standing or sufficiently supported
5. Repair projects having adequate original finish need not be repainted
6. Cutting surfaces, such as blades or knives, are to have a protective covering over them to prevent injury. The covering should be easily removed and reinstalled for judging.
7. Exhibits that include weaponry of any kind will be disqualified.
8. If the exhibit is powered by flammable liquids (gas, propane, kerosene, etc.) the fuel tank and lines should be drained and allowed to dry, to avoid spills and potential fires
9. Electric powered (battery, corded, solar, or alternative energy) should have a primary shutoff or disconnect switch
10. Exhibitor’s name(s) and county or district must be tagged or labeled in a prominent location on the display
11. Exhibit must include an Ag Mechanics information packet and “4-H STEM Ag Mechanics Exhibit Information Form” which is available through your local office or at [www.STEM4KS.com](http://www.STEM4KS.com). This form must be attached to the outside of a 10” x 13” manila envelope.

12. Each exhibit information packet should include the following items:
- a. Bill of materials for the project with associated costs, scrap items used may be listed as having a \$0.00 cost
  - b. 1 to 5 pages of photos showing work on the exhibit, preferably from a beginning state to final or completed state
  - c. Appropriate schematics or working drawings relating to the creation or repair
  - d. If appropriate operating instructions

**5550 Welding display board** – a 3 foot by 3 foot display board with different pieces of metal attached illustrating different types of welds

**5551 Welding or Brazing repair** – repair of equipment

**5552 Welding or Brazing fabrication** – creation of new equipment

**5555 Welding artistic fabrication** – creation of artistic or interpretive pieces with welding

**5558 Smithing display board** – a 3 foot by 3 foot display board with different pieces of forged metal attached illustrating different forms, each form being labeled

**5559 Smithing** – A design forged with at least one formed element

## **ARCHITECTURAL BLOCK CONSTRUCTION**

1. Each exhibitor may enter one exhibit. **Consultative judging Friday at 1:00 p.m.** see general rules #7 about absence for consultative judging
2. Exhibit dimensions may not exceed 2 ft high, by 2 ft wide, by 2 ft deep.
3. All exhibits should be placed in a see-through enclosure with a top, bottom, and 4 sides. A fish tank would be an acceptable enclosure.
4. The primary building component should be interlocking blocks, commonly referred to by the brand name Lego®
5. Other architectural components can be integrated to illustrate architectural aspects that may be difficult to convey with traditional interlocking blocks
6. “store bought” sets for major architectural elements is not allowed, use of figurines from sets is allowed as is using individual bricks to create something different than the architectural component of the set it came from.
7. Displays must have significant architectural components (walls, windows, doors, roofs, canopies flying buttresses, etc.)
8. Gaps or cracks should not be visible between assembled blocks
9. Doors should open and close, windows can be fixed or open and close.
10. Vehicles intended to stay in a single place should be affixed to base plates
11. Reveals that show the inside of a structure are acceptable, such as only having three walls to allow an unobstructed view into a room.
12. Mechanical enhancements or motion elements that add motion to the diorama encouraged.
13. The exhibitor’s name(s) and county or district must be tagged or labeled in a prominent location on the display

14. Each exhibit must include an Architectural Block Construction information packet
15. Each exhibitor is required to complete the “4-H STEM Architectural Block Construction Exhibit Information Form” which is available through your local office or [www.STEM4KS.com](http://www.STEM4KS.com). This form must be attached to the outside of a 10” x 13” manila envelope.
16. Each exhibit information packet should include the following items:
  - a. At least one drawing of the desired architecture on graph paper, multiple views (top, front, side) are preferred
  - b. 1 to 5 pages of photos showing work, preferably from a beginning state to final or completed state
  - c. If appropriate operating instructions for mechanical portions

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

### **EDUCATIONAL EXHIBITS – POSTERS, NOTEBOOKS AND DISPLAY BOARDS**

**Consultative judging. Sign-up sheet will be at check-in table see general rules #7**

1. The General Exhibit rules for ALL 4-H STEM categories apply.
2. For notebooks, display boards, and posters, no additional exhibit information is required; no manila envelope is needed.
3. Exhibits in posters, notebooks and display boards must contain substantial supporting educational materials.
4. Educational display boards, posters and notebooks should be creative and showcase details about the knowledge learned in the project during the current 4-H year. Value is placed on youth who can demonstrate how their skills have increased while completing the project. Each exhibit will be judged on uniqueness, creativity, neatness, accuracy of material, knowledge gained, and content. An exhibit judging score sheet is available at [www.KansasSpaceTech.com](http://www.KansasSpaceTech.com). For example, a rocket that may have crashed and/or is highly damaged may be made into an educational display or poster that tells a great story with many lessons learned.
5. Follow copyright laws. Sources of information must be cited on the front of your exhibit, including posters and educational display boards.
6. Educational displays are not to exceed a standard commercial 3’x 4’ tri-fold display board. 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. Educational Project notebooks must be organized in a 3-ring binder.
9. Any three dimensional display exhibits may not be thicker than 1”.
10. Engines and igniters for rockets ARE NOT permitted with the exhibit and constitute an immediate disqualification. This is for safety reasons and includes both spent and live engines.
11. Exhibitor’s name, county or district, age, and year(s) in project must be tagged or labeled in a prominent location on the, notebook, and/or “Construction Kit.” For education displays and/or posters the exhibitor’s name, county, or district, age, and year(s) in project **must** be tagged or labeled on the back of the exhibit. Failure to label an exhibit may result in one ribbon placing deduction.
12. Exhibits should possess the following qualities (in no particular order):  
A Central theme, What you want others to learn, Be designed and constructed in a manner befitting the exhibit , Be something you are interested in, Be related to Astronomy, Computer Systems, Robotics, Rocketry, or Unmanned Aerial Systems

**SpaceTech - Junior Division – 7-8 years old**

- |       |                      |
|-------|----------------------|
| 5731a | Educational Display  |
| 5732a | Educational Notebook |
| 5733a | Educational Poster   |

**SpaceTech – Intermediate Division – 9-13 years old**

- |      |                      |
|------|----------------------|
| 5731 | Educational Display  |
| 5732 | Educational Notebook |
| 5733 | Educational Poster   |

**SpaceTech- Senior Division – 14 years and older**

- |      |                      |
|------|----------------------|
| 5736 | Educational Display  |
| 5737 | Educational Notebook |
| 5738 | Educational Poster   |

<b>Department EE - Wildlife</b>
---------------------------------

Superintendent: Kwynn Kyd



1. A member may make only one entry in this division.
2. *No card table exhibits are allowed.*
3. **Exhibitors must comply with state and federal laws.** It is illegal to possess threatened or endangered wildlife, or the feathers, nests, or eggs of non-game birds. Game birds and game animals taken legally during an open season may be used. The use of live wild animals in educational exhibits is prohibited.

4. Name, county/district, age and year in project should be in a prominent location on the exhibit.
5. Notebooks and Displays will be judged on the following points:
  - Stopping Power (15) main idea specific, presented clearly, simply, forcefully?
  - Interest, Holding Power (15) facts in a clear, concise, informative way?
  - 4-H Project Application (15) subject matter an effective showcase?
  - Mechanical Power (15) Correct letter size, appropriate symbols, and models
  - Personal Growth (25) Knowledge was gained & Enthusiasm shown
  - Educational Value (25) Knowledge shared. Note: Credit all resources
6. Posters will be judged on the following points:
 

General Appearance.....	30
Information.....	50
Organization.....	20
- 5400** Notebook. Contents pertain to some phase, results, story or information about the wildlife project.
- 5401** Promotional Poster. Must be related to something learned in the wildlife project. (Flat poster board or foam board no larger than 22" x 28".)
- 5402** Educational Display. Maximum size is a 3' x 4' tri-fold display board. Must be directly related to the wildlife project.
- 5403** Taxidermy/Tanning Exhibit. Should include an attachment that shows the work in progress through photos with captions, or a detailed journaling of the process.

### Department FF - Woodworking

Superintendent: Natasha Dillon



**NOTE** – Woodwork exhibits will be **judged consultatively Friday, July 23 starting at 11:00 a.m.**  
*See consultative judging rule for youth needing to be absent under general rules #7, page 2.*

**Each exhibitor may enter up to two woodworking articles.**

1. **The plan from which it was constructed must be with the article exhibited.** The plan may be a photocopy, actual pattern, or a scale drawing. It must be complete and accurate to the extent that a duplicate article could be built using the plan as a guide. Step by Step instructions is not a plan.
2. Projects with missing or insufficient plans will be lowered one ribbon group. (I.e. blue exhibit will receive a red ribbon.)
3. Projects that have unsecured glass, i.e. glass shelves, glass top of a coffee table, etc. should not be brought to the fair. Glass that is secured in the

project, i.e., glass front of a gun case or cabinet, etc., is permissible since it cannot be easily removed.

4. The entry card, plans and all other paperwork should be secured to the project in some manner. Tape is usually not adequate to accomplish this. It is recommended to use a self-sealing plastic bag with a hole punched through it and use string to tie this to the exhibit.
5. Refinished/repainted furniture should be exhibited in Home Environment - Single Exhibit.
6. Projects made from pre-cut kits are not allowed.
7. In judging woodwork articles, consideration will be given to:  
Workmanship, including accuracy to the plan; design; choice of wood; suitability and quality of finish; and usefulness.
8. Firearms and weapons are not to be entered or displayed.

**279.** Article made by 7 to 9 year old member

**280.** Article made by 10 to 13 year old member

**281.** Article made by 14 to 18 year old member

### **KANSAS STATE FAIR**

The Montgomery County 4-H Fair is the qualifying show for the Kansas State Fair, September 10-19, 2021, in Hutchinson, Kansas.

4-H members 9 through 18 years old with purple award inside exhibits or properly nominated livestock are eligible to exhibit at the State Fair.

**NOTE** – Market animals must have been nominated by June 15<sup>th</sup> with an official 4-H tag in place and pre-entered before July 15<sup>th</sup>. Horse entry deadline is August 1<sup>st</sup>, must qualify at a district horse show.

**The Kansas State Fair premium book will be available on the Kansas State Fair website: [www.kansasstatefair.com](http://www.kansasstatefair.com)**

**Entry forms will be available at the 4-H Fair or the Extension Office. It is the responsibility of the individual 4-H member to pre-enter exhibits with the Extension Office by the local deadline, usually 1<sup>st</sup> week of August.**

#### **Kansas State Fair - Pre-Entries**

- Transportation for small, non-livestock 4-H exhibits may be provided by the Wildcat District, as long as space is available. Large exhibits (exhibits larger than what one person can easily handle) cannot be transported.
- Inside exhibits must have received a purple award at the 4-H Fair, Independence, to be eligible for State Fair competition. ***Exhibits are limited to one per project area except plant science.*** Arts and Crafts are limited to Grand and Reserve Grand Champion in the Intermediate and Senior Division of the Montgomery County 4-H Fair.

- All small, non-livestock 4-H exhibits must be pre-entered to the Extension Office by the same deadline as inside exhibits.
- ***Note:** 4-H'ers who have exhibits of great sentimental and/or monetary value should seriously consider whether such exhibits should be exposed to the hazards of the fair and transportation to and from the fair.*
- All contest participants and contest teams must be pre-entered by same deadline as inside exhibits.
- Pre-entries for Dog Show and Fashion Revue **must be postmarked and mailed before August 15.**

**4-H State Fair Encampment**

4-H members and their family, leaders, and agents may stay at the 4-H Encampment on the State Fairgrounds during the fair. Reservations should be made as soon as possible or **before August 15.** Contact the Extension Office for more information.

**Kansas State Fair Parking and Admissions**

Only exhibiting members or official volunteers are entitled to use a vehicle hang tag to enter the fairgrounds. Free parking is available in public lots outside the fairgrounds. An admission ticket is required for all entering the fairgrounds. To order parking passes or admission tickets contact the Extension Office.

**THANK YOU TO OUR FAIR SPONSORS!**

**2020 Donors' List**

**Grand Champion**

Clothing Construction 15-18 duffel bag	Phil & Debbie Reilly
Clothing construction 7-8, 9-11, 12-14	CJ Threads
Clothing modeling 7-8, 9-11, 12-14	EZ Storage/Bob & Shelly Kiblinger
Clothing modeling 15-18	Messner Farms/Richard &Patty Anderson
Buymanship female 7-8, 9-11, 12-14	Prairieland Partners, Independence
Buymanship female 15-18 duffel bag	Chuck & Linda McFate
Bymanship male 7-8, 9-11, 12-14 divisions	Tom and Cheryl Fentress
Buymanship male 15-18 garment bag	Phil & Debbie Reilly

## THANK YOU TO OUR FAIR SPONSORS!

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Decorated Foods	Valley Victors in memory of Andrew Metcalf
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Fiber Arts	Bertie Lovelle
Field Crops	T&T Agronomy/Zach Townsend
Floriculture	Adam & Kristi Ewing
Food Preparation 7-8 Age Division	Eric & Jackie Chandler
Food Preparation 9-11 Age Division	Randy & Nicole Small
Food Preparation 12-14 Age Division	Marty & Amy Reichenberger
Food Preparation 15-18 Age Division	Mg. Co. Farm Bureau Assn.
Food Preservation	Eleanor Messner Memorial/Anderson
Forestry	EZ Storage/Bob & Shelly Kiblinger
Geology	Montgomery County Fair Board
Home Environment	EZ Storage/Bob & Shelly Kiblinger
Horticulture	Mg. Co. Farm Bureau Assn.
Photography 7-8 Age Division	Craig & Julie Newby Family
Photography 9-11 Age Division	Van & Sharon Ward
Photography 12-14 Age Division	Gail & Donna Leyda
Photography 15-18 Age Division	Montgomery County Chronicle
SpaceTech	David & Marla Larimore Family
Shooting Sports	Mg. Co. Farm Bureau Assn.
Visual Arts & Crafts Jr.	Heath & Jesse Bannon
Visual Arts & Crafts Int.	Ez Storage/Bob & Shelly Kiblinger
Visual Arts & Crafts Sr.	Mg. Co. Farm Bureau
Wildlife	Kirk L. Wright Insurance
Woodworking	Woods Lumber Company
Fair Queen	Joe & Beverly Smith
Fair King	Mg. Co. Farm Bureau Assn.

### **Poultry**

Poultry Grand Champion bag	Beachner Grain
Poultry Showmanship medal	Jerica Hall
Poultry Showmanship Banner	Mike & Trisha Snyder
Poultry Showmanship Buckle	O'Shields Septic

### **Rabbit**

Rabbit Grand Champion Bag	Mg. Co. Farm Bureau Assn.
Rabbit Showmanship medal	Martin & Cindy Weaver
Rabbit Showmanship Banner	Beachner Grain
Rabbit Showmanship Buckle	Frentress Cattle/Tom and Cheryl

## **Beef**

Supreme Heifer Bag  
Reserve Supreme Heifer  
Champion Bucket Calf  
Champion Bucket Calf  
Champion Bucket Calf  
Lightweight Champion Steer  
Middleweight Champion Steer  
Heavyweight Champion Steer  
Grand Champion Market Steer Bag  
Reserve Grand Champion Market Steer  
Beef Showmanship medal  
Beef Showmanship Banner  
Beef Showmanship Buckle

Coffeyville Livestock/Brian Little  
Gordon Family Trust/Carol Gordon  
Doug Ott Family  
Gordon Family Trust/Carol Gordon  
Jack Sherwin Farms  
Phil/Anita/Levi Clubine  
Newby Veterinary Clinic  
Muller Construction  
Community National Bank & Trust  
Fentress Cattle /Tom & Cheryl  
Martin & Cindy Weaver  
Crum Angus  
Colby & Tiffany Flatt

## **Dairy Cattle**

Champion Dairy Cow  
Dairy Showmanship Medal  
Dairy Showmanship Banner  
Dairy Showmanship Buckle

Rusty's Truck Repair  
Martin & Cindy Weaver  
First Oak Bank  
In memory of Louis & Dave  
Bredehoft and David Evans

## **Dairy Goats**

\*Senior Doe Champion  
Junior Doe Champion  
Dairy Showmanship Medal  
Dairy Showmanship Banner  
Dairy Showmanship Buckle

Paul & Terry Voth  
Paul & Terry Voth  
Jerica Hall  
Prairieland Partners  
Frentress Cattle/Tom & Cheryl

## **Meat Goat**

Grand Champion Doe  
Reserve Grand Champion Doe  
Grand Ch. Meat Goat Bag  
Res. Gr. Ch. Meat Goat Overall  
Ch. Lightweight Meat Goat  
Ch. Middleweight Meat Goat  
Ch. Heavyweight Meat Goat  
Meat Goat Showmanship Medal  
Meat Goat Showmanship Banner  
Meat Goat Showmanship Buckle

Keith & Lori Hofstrom  
Jack Sherwin  
Jerry Hall  
Kristi and Adam Ewing  
Prairieland Partners  
Fentress Cattle/Tom & Cheryl  
Jodi & Jordan Cushenbery  
Chuck and Linda McFate  
Adam & Krisi Ewin  
Hayleigh Stanford/HPG

## **Sheep**

Supreme Ewe Bag

Hewlett Club Lamb

Reserve Supreme Ewe  
 Lightweight Champion Market Lamb  
 Middleweight Champion Market Lamb  
 Heavyweight Champion Market Lamb  
 \*Grand Ch. Market Lamb Bag  
 Reserve Grand Champion Market Lamb  
 Sheep Showmanship Medal  
 Sheep Showmanship Banner  
 Sheep Showmanship Buckle

Cotterill Ranch, Gary & Marie  
 Newby Family Livestock  
 Larry & Earlene Smith  
 Larry & Earlene Smith  
 Darrell DeTar Family  
 Evans Family  
 Jerica Hall  
 First Oak Bank  
 Culver Family

### **Swine**

Supreme Gilt Bag  
 Reserve Supreme Gilt  
 Lightweight Champion Market Hog  
 Middleweight Champion Market Hog  
 Heavyweight Champion Market Hog  
 \*Grand Champion Market Hog  
 Reserve Grand Champion Market Hog  
 Swine Showmanship Medal  
 Swine Showmanship Banner  
 Swine Showmanship Buckle

Richard and Shirley Felts  
 Claude Messner Memorial/Andersons  
 Gail & Donna Leyda  
 Newby Family Livestock  
 Muller Construction  
 Mg. Co. Farm Bureau Assn.  
 Joe & Beverly Smith  
 Martin & Cindy Weaver  
 Anderson Family  
 Springer Family Foods

### **2020 Horse Show Sponsors**

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### **THANK YOU TO OUR FAIR SPONSORS!**

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 Yerkes & Michaels

<b>2020 Livestock Premium Sale Contributors</b>
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 First Oak Bank  
 Quality Toyota/Quality Motors

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 Pro-Ag Services, LLC –  
 Lester Wagner  
 Caney Agri Services  
 Muller Construction

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 MG CO Sheriff's Dept.  
 Standard Motors Products  
 Woods Lumber  
 Prairie Land Partners

South Coffeyville Stockyards  
 Coffeyville Feed and Farm  
 Edward Jones – Gregg Webster  
 Tom's Ditching and Backhoe  
 Beachner Grain  
 Dollar Tire  
 Gordon Gartner



### **\$100-\$499 Contributors:**

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Dream On Marketing	Representative Jim Kelly
Equity Bank	Scimeca Self Storage
Jason & Kelci McVey Family	Taylor newspapers inc
McFall Farms	Terri Graybill
Union State Bank	Newby Vet Clinic
Austin & Tiffany Bruce Family	LA Trucking & Backhoe
Dream On Cattle	Country Acres Day Care
Hilltop Mini Storage	2B Smokin
4 Rivers Electric Coop	Caney Sheet metal
Copan Truck Stop	Carter Automotive
Felts Farms LLC	Cornerstone Regional Surveying, LLC
Nancy Clubine	D&L Auto
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Little Bear Tire	Rick Crum/Crum Angus
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Nancy Evans	Forastero's
Stan & Rayanne Gartner	Richard & Patty Anderson
The Car Shop	The Gunny Sack
Virginia Bredehoft	Wren's Nest

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