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SCHEDULE OF EVENTS

2019 KINGMAN COUNTY & 4-H FAIR

| | | |
|------------------------------------|--|---|
| Shotgun Shootout Date and Time TBD | | |
| Saturday, June 29 | 8:30 AM 9:00 AM | Registration for Shootout Air Rifle, Air Pistol, and BB Shoot out- Saddle and Roper Building Archery- Location TBD |
| Tuesday, July 16 | 4:00 PM | 4-H Fashion Revue Judging- Kingman Mennonite Church |
| Saturday, July 20 | 9:00 AM | 4-H Horse Show- Kingman Expo Center, Indoor Arena |
| Sunday, July 21 | 8:00 AM 3:00 PM | 4-H Dog Show & Agility Trial- Kingman Expo Center, Indoor Arena 4-H Public Fashion Revue—Kingman Historic Theatre |
| Monday, July 22 | 5:30 PM 6:00 PM 7:00 PM 7:30 PM | Superintendent Meeting—Kingman Expo Center, South Room Pre-Fair setup and grounds clean-up. All 4-H Clubs and Fair Volunteers participate Pizza Party for all participating in Fair set -up Livestock exhibitor's meeting—Kingman Expo Center, Indoor Arena |
| Wednesday, July 24 | | NO LIVESTOCK PERMITTED ON GROUNDS UNTIL 7AM. PLEASE SEE SPECIFIC SPECIES WEIGH-IN TIMES |
| | | <u>Livestock Weigh-ins</u> |
| | 7-8:00 AM | Swine Weigh-In |
| | 4:30-5:15 PM | Sheep and Beef Weigh-In |
| | 5:15-6 PM | Second Swine Weigh-In |
| | 5:15-6 PM | Goat Weigh-In |
| | 8:00 AM | Barns Open |
| | 8 AM-Noon | 4-H Poultry and Rabbit Check-In |
| | 10-2:00 PM | 4-H Foods & Preservation and Visual Arts Judging (Including 4-H Fine Art, Check division for schedule) |
| | NOON | 4-H Family Meal Sponsored by American Ag Credit, Medallion Treasure Hunt Begins, get clues at the Fair office with your Fair Button, Scavenger Hunt Begins (Free with fair button) |
| | NOON | Fair Button Drawing |
| | 3:00 PM | 4-H Bake Sale— Expo Center, South Room |
| | 3-8:00 PM | 4-H Concession Stand Open— Kingman Expo Center, South Room |
| | 4-6:00 PM | All 4-H & Open Class Entries Accepted |
| | 7:00 PM | Barnyard Olympics Registration Southside of Indoor Arena |
| | 7:30 PM | Barnyard Olympics, Kingman Expo Center, East of Swine Barn |
| | 9:00 PM | Exhibit Buildings Close |
| Thursday, July 25 | 7 AM-8 PM | 4-H Concession Stand Open, Kingman Expo Center, South Room |
| | 7:30 AM | 4-H Swine Show, Outdoor Covered Livestock Show Ring |
| | 7:30-8:30 AM | Open Class Foods Check-In, Expo Center, North Room |
| | 9-11:00 AM | Judging for: Open Class Art, Open Class Foods & Food Preservation, Open Class Hobbies & Crafts, Iron Works, Recycled Crafts, Cookies for College, 4-H and Open Class Clothing Construction, 4-H Fiber Arts, Open Class Quilts & Fancy Work, Boy Scouts and Girl Scouts, Kingman Expo Center, North Room (Building closed during judging) |
| | 9:00 AM | 4-H Pet Judging- cement Slab on the South Side of Indoor Arena |
| | 10 AM-Noon | 4-H & Open Class Farm, Garden & Misc. Crops Check-In, Expo Center, South Room |
| | NOON | Judging for 4-H and Open Class Woodwork ing, Kingman Armory |
| | NOON | Judging for 4-H and Open Class Photography, Kingman Armory |
| | NOON | Fair Button Drawing |
| | 1-6:00 PM | Youth Swim— Riverside Park, Sponsored by the City of Kingman, FREE with Fair Button |
| | 1:00 PM | Judging for 4-H and Open Class Farm, Garden & Miscellaneous Crops |
| | 2:00 PM | Herdsmanship Judging |
| | 4:00 PM | Sheep & Goat Show, Expo Center Indoor Arena |

| | | |
|-------------------|--------------|---|
| | 6:30 PM | Kid's Bike Race Registration |
| | 7:00 PM | Kid's Bike Race |
| | 9:00 PM | Exhibit Buildings Close |
| Friday, July 26 | 7 AM-5 PM | 4-H Concession Stand Open, Kingman Expo Center, South Room |
| | 8:00 AM | Heifers, Steer, Dairy, and Bucket Calf Shows, Kingman Expo Center, Indoor Arena |
| | 8:00 AM | 4-H Poultry Show, followed by 4-H Rabbit Show (approximately 11 am) |
| | NOON | Judging for 4-H Banners, 4-H Entomology, 4-H Geology, 4-H Energy Management, 4-H Exploring, 4-H Forestry, 4-H Rocketry and Robotics, 4-H Home Environment, FFA Farm Mechanics, 4-H Miscellaneous, Kingman Expo Center, North Room |
| | NOON | Fair Button Drawing |
| | 2:00 PM | 4-H Herdsmanship Judging, Paul Conrardy Festival of Breads, Bread Sculpting Contest & Market Wheat Show, Kingman Expo Center, North Room |
| | 3:00 PM | Livestock Judging Contest |
| | 4:00 PM | Open Class Flower Show Entries Accepted — Kingman Expo Center, South Room |
| | 5:00-7:00 PM | Community Meal— West of Outdoor Arena Sponsored by Kingman County Financial Institutions and prepared by Kingman County Farm Bureau Association |
| | 5:30-7:00 PM | Ice Cream Social—Free with Fair Button |
| | 5:45 PM- | Purple Ribbon Food Auction During Community Meal, Presentation of Fair Theme Button Design Winner |
| | 6-10:00 PM | Carnival |
| | 6:00 PM | Open Class Flower Show & Display—Kingman Expo Center, South Room Design Awards and Medallion Treasure Hunt Award—West of Outdoor Arena |
| | 6 PM-?? | P.U.D. (Play Until Done) Coed Softball Tourney—KNRC Diamond #1, Riverside Park |
| | 6 PM-1AM | Mechanical Bull |
| | 7:00 PM-?? | Bull Riding Event |
| | 7 PM- 12 AM | KCFA Beer Garden |
| | 9:00 PM | Exhibit Buildings Close |
| | 9:00 PM-1 AM | LLew Brown Band |
| Saturday, July 27 | 8 AM– 2 PM | 4-H Concession Stand Open, Kingman Expo Center, South Room |
| | 8:00 AM | Supreme Showmanship Contest (Round Robin), Kingman Expo Center, Indoor Arena, Followed by Barn to Barn Ice Cream Social |
| | 8:30 AM | Color Run 5K, Kingman Riverside Park |
| | NOON | Fair Button Drawing |
| | 12PM-5PM | Inflatables for kids of all ages, West of Outdoor Arena |
| | 1-4:00 PM | Vintage Farm Machinery, Car, Motorcycle, and Tractor Show, Riverside Park |
| | 3:00 PM | Registration for Young Farmers Pedal Tractor Pull—East side of Riverside Park |
| | 3-4:00 PM | All 4-H and Open class Exhibits Released, excluding Livestock, 4-H Poultry and Rabbits. Open Class Premium money may be picked up. |
| | 3:30 PM | Young Farmers Pedal Tractor Pull—East Side of Riverside Park |
| | 5:00 PM | Buyers Appreciation Meal, Kingman Expo Center, South Room |
| | 6-10:00 PM | Carnival |
| | 6:00 PM | Auction: Cookies for College Cookie Jars and Livestock Premium Auction, Herdsmanship Awards and Wyatt Oakman 4-H'er of the Year Award, Kingman Expo Center, Indoor Arena. |
| | 7:00PM | ATV Rodeo Registration |
| | 7PM-12AM | KCFA Beer Garden |
| | 8:00PM | ATV Rodeo |
| | 9:00 PM | DJ Dance |
| | 9:00 PM | Exhibit Buildings Close |
| Sunday, July 28 | 8:00 AM | Fair Clean-Up and all Livestock Released |
| | | All Sheep, Goats, Beef MUST BE out of their stall and pens cleaned. |
| | NOON | All Barns must be Empty |
| | NOON | Registration opens for Ralph Arensdorf Memorial Youth Fishing Tournament, Kingman Riverside Park |
| | 1:00 PM | Fishing Tournament Begins |

FAIR

ANNOUNCEMENTS

The 97th Annual Kingman County and 4-H Fair will be held July 24-27, 2019, located at the fair grounds, South Main Street in Kingman.

The fair schedule has some changes from previous years' schedules. Please double check dates and times of specific events on the schedule. We hope that everyone reading this premium list will bring an exhibit. This is a great opportunity to showcase your work. It may be the best exhibit that we would have at this year's showing. We would like to have your support, attendance, and exhibits, which will help in the success of the Kingman County and 4-H Fair.

The Modified Danish System of placing exhibits is a rating system of purple, blue, red or white awards. All exhibits in this approach are judged in comparison with a standard, as opposed to comparison with other exhibits in the class. The standard for each exhibit is established by the characteristics of the "ideal" product in each category.

4-H Entries

Purple-Outstanding Quality

Blue-Excellent, but well within the ability level of most contestants

Red-Good, but below the ability of most of the contestants.

White- Acceptable, but below the ability of most of the contestants. All Qualifying exhibits should receive at least a white unless the exhibit is incomplete

Participation-If exhibit is incomplete or exhibited by a Cloverbud, a participation ribbon may be given.

Open Class Entries

Adult Open Class exhibitors will receive a ribbon based on the quality of the product. They will be as follows: Purple, Sweepstakes, Blue, Red, or White ribbons, or a Fair Exhibitor Sticker for entering an item.

Junior Open Class exhibitors will receive a ribbon based on the quality of the product. They will be as follows: Purple, Sweepstakes, Blue, Red, White or Participation Ribbons.

Protest

All protests must be made in writing and accompanied by a deposit of \$50, which is non-refundable. Such protest must state plainly the cause of complaint or appeal and must be filed with the secretary within 12 hours after the cause of the protest, and the secretary shall immediately notify the defendant owner of the exhibit involved. Where information is known on which the protest is based, such protest must be filed with the secretary before the class is judged. When a protest is made against the competition or article in any class, notice of the same must be filed by the protester with the superintendent of the department before the class is passed upon, and the judge will be instructed to place a reserve award in order that premiums may be properly distributed in the event the protest is sustained.

GENERAL RULES & REGULATIONS

Entry rules for 4-H are printed under the 4-H Department

1. In no case shall the Kingman County Fair Association, its officers or agents, be held responsible for any loss, damage, accident, injury or death from any case of people, animals, or exhibits, diseased included, while they are on the fairgrounds.
2. All entries, 4-H and Open Class must be in place by 6:00 p.m. on Wednesday, July 24, NO EXCEPTIONS. (Unless otherwise noted in department regulations such as the Flower Show, 4-H and Open Class Farm, Open Class Foods, Garden and Misc. Crops, Festival of Breads Contest). Entries will be released from 3 to 4 p.m., Saturday, July 27, with the exception of livestock. Any violation of said provisions shall result in the forfeiture of premium.
3. Where there is only one entry in a class, the first prize, if merited, will be awarded. Judges will not award prizes to any unworthy animal or exhibit.
4. All exhibits may be picked up after 3 p.m. on July 27. Open class prize money is to be picked up at the same time exhibits are claimed in the central hall of the Kingman Expo Center. The Superintendent, Extension Office, or Fair Board will not be responsible for exhibits left after 4 p.m. Saturday.
5. The Fair Board reserves the right to refuse to accept any entries offered.
6. No exhibitor or concessionaire will be allowed to sell or sublet any space, privilege, etc., or any part of the same without the consent of the secretary.

The Kingman County Fair Association reserves to its board of directors the final and absolute right to interpret these rules and arbitrarily settle and determine all matters, questions and differences in regard to or otherwise arising out of or connected with or incidental to the fair.

Explanation of Committees

The Fair Association: This is a publicly-elected nine-member board entitled by the Kansas statute to raise and spend public funds for establishment, construction, management and recognition of citizens at fairs. Extension entries are not permitted by Kansas law to engage in commercial enterprises which the 4-H livestock/premium sale currently provides as a preferred service for the respective project enrollees; therefore, the 4-H livestock/premium sale will be managed by the Fair Association. Any livestock rules that are exceptions to be changed will be approved by the Fair Association Board before being changed. (Taken from K-State task force report revised 8/1/2001).

Livestock Committee: This committee is made up of 4-H parents and volunteers from around the county. This committee makes recommendations for rule change ideas to the 4-H PDC and helps with 4-H Livestock activities. This committee is under the umbrella of the Extension Executive Council.

4-H PDC: This committee is an elected body of six people. They are responsible for the direction of six people. They are responsible for the direction of the county 4-H program and for giving input to local efforts in identifying information needed to address concerns of the 4-H program to the Executive Council.

Executive Council: This committee is an elected body of nine people. They plan the Extension Service program for the county through joint or individual use of the program development committees in agriculture, home economics, 4-H Youth Development, and community development initiatives; and through such subcommittees as may be established by the executive board.

SPECIAL EVENTS

HEARTLAND MEDALLION HUNT

July 24-27 (or until found)

*Sponsored by: Kingman Lions Club &
The Kingman County Fair Association*

Prize: \$500 Kingman Chamber Bucks Prize. No age limit. The medallion will be in Kingman City limits on public property. The award will be given on Friday evening at the Purple Ribbon Food Auction, at the Community Meal.

Rules:

1. To participate in the contest, you must have a Kingman County fair button, which can be purchased at various businesses.
2. The first clue will come out in the Kingman Leader-Courier, Cunningham Courier and Norwich News the week of the fair with the rules. These clues will lead you to the subsequent clues. Must have fair button to win prize. Watch the newspapers for more information.

KINGMAN COUNTY YOUNG FARMERS PEDAL TRACTOR PULL

Saturday, July 27 , Riverside Park

Registration begins at 3 p.m. Event begins at 3:30 p.m.

General Rules

Contestants must:

1. Be able to pedal the tractor without assistance.
2. Wear tennis shoes.
3. Be registered by a parent or guardian prior to the beginning of the pull of the first class. The parent's signature at the registration releases sled owner/operator from any financial responsibility in case of accident.

Operation of the Pull

1. Track will be provided and marked by operator.
2. Only one contestant at a time and only pull officials will be allowed within 25 feet of the track.
3. Pedal tractor and sled will be furnished for all contestants by owner/operator.
4. There will be seven classes of contestants. They are: 4 year olds and under; 5 year olds; 6 year olds; 7 year olds; 9 year olds; and 10 year olds.
5. The pulling tractor must stay between the lines of the pulling lane or on the pulling lane at all times. If the front wheels of the tractor go out, pull is over and distance is measured.
6. Any time the forward momentum of the tractor stops, the pull is over. This includes the foot slipping off the pedal.
7. In the case of a tie, there will be a pull-off to determine the winner.
8. The judge's decision will be final for all pulls.

BULL RIDING EVENT

Friday, July 26 7:00 pm

LLEW BROWN BAND

Friday, July 26 9:00 pm

5K COLOR RUN

Saturday, July 27 8:30 am Kingman Riverside Park

BARNYARD OLYMPICS

Wednesday, July 24, 7:30 PM West of Swine Barn
Registration: 7:00 PM Southside of Indoor Arena
FREE with fair button

1. Teams are to include only FOUR members from the SAME AGE category.
2. Age categories are: 6 & under, 7-9, 10-13, 14-18 and adult 19 & up.
3. Teams must include ONE member of the opposite GENDER.
4. Teams can either pre-enter at the Kingman County Extension Office or they may enter the day of the event on Wednesday, July 24.
5. This contest is FREE with a fair button and open to the public. For more information, please contact the Kingman County Extension office at 620-532-5131.

OUTDOOR ADVENTURES ATV RODEO

Saturday, July 27, Outdoor Arena

Registration: 7:00 p.m.-8:00 p.m. Contest begins: 8:00 p.m.

Entry Fee: \$10 per class 100% payout

Classes: Junior (ages 8-12); Intermediate (ages 13-15); Adult (ages 16 and over)

Sports quads and utility quads allowed. Riders must furnish their own ATV and HELMET, but more than one rider may use the same ATV. Tentative Events: Pole Bending, Barrel Racing and Flag Race.

Any amendments to these rules will be provided to all entrants at the time of registration.

Vintage Farm Machinery, Cars, Motorcycles and Tractor Show

Saturday, July 27, Riverside Park
1:00 PM-4:00 PM

For more information contact:

Kelsey Knowles-(316) 641-6045 or

Len Messenger-(620) 243-4419

Mark Becker- (620) 770-0707 (cars)

4-H Auctions

4-H Purple Ribbon Food Auction-Friday, July 26th, 5:45-6:30 p.m., during the Community Meal, West of the Outdoor arena. Also includes Presentation of Fair Theme and button design awards and the winner of the Medallion Hunt (if found).

4-H Livestock Premium Auction-Saturday, July 27 with Buyers' Appreciation Meal at 5:00 p.m. and Auction at 6:00 p.m. including: Cookies for College Cookie jars, Herdsmanship Awards, Wyatt Oakman 4-H'er of the Year Award, 4-H Scholarship presentation and Livestock judging results.



4-H GENERAL RULES



- All reference to 4-H member's ages is the member's age on January 1 of the current year. The 4-H age begins at 7 years old; 5 and 6 year olds should be enrolled as Cloverbuds.
- All entries, must be in place by 6:00 p.m. on Wednesday, July 24, NO EXCEPTIONS. (Unless otherwise noted in department regulations).
- ALL EXHIBITS MUST BE PRE-ENTERED. ALL PRE-ENTRIES ARE DUE ON JULY 10. A \$1 per class late fee will be assessed for each late entry. Late entries in the livestock division will be assessed for \$5. No refunds will be issued.
- Exhibitors may exhibit only in the classes for projects in which they are enrolled by May 1 of current year.
- Each exhibit must have an entry card.
- All exhibits must be the result of exhibitor's current 4-H project and the products of the exhibitor's own efforts of the current year.
- 4-H members showing in Open Class must comply with the results and regulations governing the class in which they are showing. Use Open Class Jr. Divisions for exhibits not related to your 4-H project.
- Any protest on rules or interpretations shall be made in writing, signed by the person making the protest and delivered to the Kingman County Fair Association. The board's decision shall be final in case of protest. The judge's decision is final on all awards, please see page 4 for full protest guidelines.
- All exhibits, except animals, will be released at 3 p.m. Saturday. All inside exhibits must be checked out from superintendents by the owner, parent, or leader. The superintendent or fair board will not be responsible for exhibits left after 4 p.m. on Saturday. Animals will be released on Saturday, after the premium auction.
- Exhibitors removing exhibits prior to stated checkout time will forfeit all premiums and the privilege to participate in any fair activities (including 4-H Livestock Auction) after the time the exhibit was removed. Exceptions to this rule may only be approved by the officers of the fair board. Superintendent will report any early removal of exhibits to the fair board.
- All exhibits must be entered and in place according to division rules.
- Exhibits will be placed into purple, blue, red, and white ribbon groups. Superior exhibits may be designated as purple ribbon by judge. Champion and Reserve Champion will be awarded where appropriate, if quality merits.
- CONFERENCE JUDGING: Conference Judging will be used in all 4-H departments. Members will be advised just prior to the fair as to scheduling and other details. Conference judging is for the benefit of the 4-H'ers. Parents and leaders are welcome to listen to the judges comments; however, all discussions will be with the 4-H'er.
- If an exhibit does not qualify to show in an existing class, it may be exhibited in a class to be determined by the Fair Association. To establish a new class, there must be at least three exhibitors.

- The Cloverbud projects will be exhibited along with other 4-H exhibits. The projects will have an indication sticker that shows they are in the Cloverbud project. They will approach and visit with the judge, however they will only receive a participation ribbon. The superintendent will inform the judge as to the Cloverbud status. If you have questions about this project, please address them to the fair office. Cloverbuds will not be judged against other 4-H'ers. They will receive the information from the judge on their abilities and how they can improve.
- STATE FAIR: Exhibitors designated as State Fair Quality (purple ribbons) are eligible to be exhibited provided the exhibit meets qualifications listed in State Fair 4-H Premium lists, and there is a class for the exhibit at the state fair. Sign up information stated below.

4-H Premium Eligibility

Purpose: To ensure that each 4-H member throughout the county has some form of interactions and exposure to the "true 4-H experience." 4-H is not just about showing up at the fair, showing your animal or your baked goods, selling them and then going home. It is about promoting youth development, community service, hard work and responsibility. Without these core values, the essence of 4-H is lost. By installing these pre-requisite responsibilities, we can assure that those participating in the auction have done their duties as active county 4-H members.

4-H Premium Eligibility forms are available online at www.kingman.ksu.edu or from the Extension Office. The forms outline the requirements in order to participate in the premium auctions for foods or livestock. Forms are due to the Extension Office with Fair Pre-Entry forms on July 10th.

SIGNING UP FOR THE KANSAS STATE FAIR

Pre-entries for the state fair are to be turned in to the fair office during the county fair. Please sign up by Thursday, August 1, in the fair office or the Kingman County Extension Office.

All State Fair Exhibitors must be at least 9 years old as of January 1, 2019. Check with the Extension Office regarding specific rules for state fair categories.

Ribbon Premiums

Premiums for 4-H Department are:

Purple (including Grand and Reserve): \$3.50

Blue: \$1.75

Red: \$1.25

White: \$0.75

No premium awarded for Cloverbud Participation Ribbons



4-H Family Meal

Wednesday, July 24th at Noon

4-H Families are encouraged to look for the American AgCredit crew and banner and join them for a courtesy meal.

We would like to thank Kingman's American AgCredit office for all they do for Kingman County 4-H!



AMERICAN AGCREDIT
MONEY FOR AGRICULTURE

LIVESTOCK GENERAL RULES

Fair Check-in and Show Rules

1. All livestock must be checked-in and weighed on Wednesday, July 24 during specified species time.
2. Livestock classes will not recognize breeds in market classes.
3. Animals meeting all health requirements and identification guidelines may show.
4. Health Requirements: All market and breeding animals originating in Kansas do not need health papers. All steer and heifers originating from another state must be accompanied by a health certificate issued within thirty (30) days of the Fair. All heifers must have proof of calf-hood vaccination. Kansas is brucellosis and tuberculosis free, no tests are required. Animal originating from another state must meet the requirements listed in the Kansas Animal Health Department Guidelines listed on page 15.
5. The use of tranquilizers to calm animals before showing **will not be** allowed. Animals not under control will be excused from the show ring at the discretion of the judge and superintendent.
6. Every animal entered in competition for prizes must be owned by the exhibitor.
7. The Livestock Committee, with approval of the Fair Association, reserves the right to remove from the grounds any exhibit or animal that may be falsely entered or may be deemed unsuitable or objectionable, without assigning a reason for the removal. Also, if necessary, the Fair Association will return any money already paid from entries, fees, or stalls that shall exonerate the management and the Fair from any claims made on the part of the exhibitor or purchaser.
8. In the event that the available space for livestock is filled, the Fair Association reserves the right to make any necessary changes.
9. All market animals shown at the Kingman County and 4-H Fair must have been weighed and tagged at or before the official spring weigh-in date and time set by the Extension Office. Animals that do not have their information or tags by the designated dates will not be accepted at the Fair. The Livestock Committee must approve exceptions to this rule and an Extension Agent must be present at the meeting along with the Fair Association Board.
10. All 4-H animals must have an ear tag for identification purposes. Animals may only be exhibited by the 4-H'er in whose name the animal was tagged during the spring weigh-in.
11. All livestock entries and stall-pen reservation forms (including poultry, rabbit, and livestock) must be pre-entered by July 10. A late fee will be charged. No refunds will be given.

12. All market animals must have a signed medication withdrawal form at the time of entry. If refused, animal will not be able to show.
13. Market animals must have all their baby (temporary) teeth and no permanent teeth may have erupted.
14. Weight Limits
 - Swine – 220 to 300 pounds
 - Sheep – 90 to no maximum
 - Goats – No minimum or maximum
 - Beef – Minimum of 1,000 pounds
15. A 3-pound allowance is allowed at weigh-in. (Example: If a hog weighs 303 pounds, it will be considered to weigh 300 pounds). Because of the allowance, no re-weigh will be allowed.
16. Only animals falling within the weight ranges will be eligible for blue ribbons and consequently for champion.
17. Show and Sale Dress Code – Youth should wear a long or short sleeved collared shirt/blouse tucked into good, clean jeans or khaki pants, and sturdy, closed-toe shoes (boots are highly recommended). Youth should not wear t-shirts; tank tops; low-cut shirts; sheer blouses; sleeveless shirts; or ball caps, cellphones are not allowed in the show ring.
18. Each 4-H'er with livestock must complete a 4-H livestock stall card for each of their animals and hang them at their stalls.
19. All 4-Hers exhibiting livestock are required to show their own animals unless they are ill or are exhibiting two animals in the same class. Persons helping must be a Kingman County 4-H'er.

Health Rules

20. Sheep and goats must be free of any signs of "sore mouth" and active fungal (ringworm) infection, including club lamb fungus, identified with an official USDA premises identification tag (Scrapie Tag).
21. Cattle should be free of warts, ringworm, or other active fungal infection, Cattle infested with mange will not be permitted to exhibit.
22. Horses shall meet the general requirements. A negative test for equine infectious anemia (Coggins Test) within 12 months prior to exhibition.
23. All poultry except waterfowl, must show proof that they are pullorum-typhoid clean by one of the following methods:
 - *Originate from a U.S. Pullorum-Typhoid clean flock, as evidenced by either an official VS Form 9-2, certifying all birds in the flock over four months of age have had a negative test for Pullorum-Typhoid within the past year, or a certificate from KDAH certifying the flock is a current NPIP flock in Kansas. Present evidence that the entries were purchased from a U.S. Pullorum-Typhoid Clean source and

Have had a negative Pullorum-Typhoid test within the preceding 90 days. If an official tester is on-site at the county fair, entries may be tested prior to entry into the facility. A VS 9- 2 Form must be completed for each entry. If any birds in an entry test positive for Pullorum-Typhoid, the entire entry as well as all other birds from the same premises will be refused. *Therefore, it is strongly recommended that birds be tested prior to arriving at the fair.*

24. Animals determined by Livestock Committee members to exhibit any of the above health issues may not be permitted to show.
25. All animals must be free from infection or contagious disease. A veterinarian will be available upon call. If a question arises as to the health of an animal, the veterinarian will have final authorization of any health hazard.

Ownership and Care Rules

26. All exhibits must be the result of the exhibitor's current 4-H project and products of the exhibitor's own efforts.
27. The only assistance a youth may receive at the Fair during the grooming or showing of an animal is from his or her parents or another Kingman County 4-H'er. The 4-H'er will be given one warning and if necessary, will be disqualified (at the discretion of the Livestock Committee, Extension Agent and the Fair Association Board). They may receive advice from anyone.
28. Exhibitors must accompany their exhibits or provide suitable means for caring for them at all times during the Fair. They must bring their own feed and equipment needed at the Fair and must remove all litter from their stalls or pens at the close of the Fair. Failure to do so may result in the loss of premium and sale check.
29. To qualify to show a specie at the Kansas State Fair, a 4-H'er must exhibit that specie at the Kingman County Fair and be at least 9 years of age. To show at the Kansas Junior Livestock Show, a 4-H'er must exhibit that specie at the Kingman County Fair and be at least 7 years of age as of January 1 of the current year.
30. All livestock exhibitors and at least one parent or guardian are encouraged to attend the educational meeting that will be held at the fairground cleanup the Monday before the Fair begins.
31. Livestock Learners may exhibit livestock (excluding steers and heifers); however, parents claim full responsibility for the youth and their animals. Also, each learner should have a mentor that has at least three (3) years of experience in their project area.
32. A quorum of the Fair Board Association, along with three (3) members of the Livestock Committee, will be the ones to resolve any livestock problems.

Auction Rules

1. Animals must be between the minimum and maximum weight ranges to be eligible to sell in the premium sale.
2. Lightweight and heavyweight animals cannot be in the 4-H Premium Auction. Heavyweight hogs can be floored; lightweight hogs must be taken home.
3. Exhibitors should be present to sell in the Premium Auction
4. Exhibitors must complete an "intent to sell" card for the market animal that they plan to sell in the premium auction. The card must be filled out completely and correctly and turned into the fair office by 12 p.m. on Friday of the fair. If the auction sheet is not turned in by 12 p.m., the animal is not eligible to sell in the premium auction.
5. Premium check may be picked up at the Extension Office approximately two (2) weeks after the day of the auction. Checks must be cashed within 90 days of date on check.
6. 4-H'ers must present a thank-you note for their buyer to the Extension Office staff before receiving their check. (If you do not have a thank-you note, you will not receive your premium money).
7. Exception to any livestock auction rule must be presented to the livestock committee. If three of the committee members agree, the change will be recommended to the Fair Association for action.
8. All female breeding species will be allowed to go through the premium auction. They will go through immediately after their respective market species. For example, market swine will go through followed by breeding swine, market lambs followed by breeding lambs. The animal that enters the auction will be considered terminal. Market animals will still follow the same terminal rules that are currently in place. For breeding species, they will not be allowed to be re-shown at any other event. Breeding species must be declared at the spring weigh-in and must possess a unique identifier such as a tattoo or ear tag.
9. Each exhibitor will be allowed to sell all species and purple ribbon foods in the premium auction.

Specific Species Rules

Beef

1. This is a no-fit show. The use of adhesives, glue, paint or powder is not allowed.
2. Market Heifers – These heifers will be shown as a market animal destined for slaughter and will follow the same rules as the steers. They will show in their own class and they compete with steers for Champion Market Beef.
3. Heifers must have been born after January 1 of the previous year.

Bucket Calf

1. Exhibitors must be 12 years of age or younger as of January 1 of current year.
2. Calf must have been fed and cared for by the 4-H member.
3. Dairy and beef will be judged together.
4. Judging will be based on cleanliness, general health, knowledge and showmanship of the calf.
5. Bucket calves should be born no later than May 1.
6. These cattle are not eligible for the premium auction.

2nd Year Bucket Calf

1. Calf must be a 2nd year bucket calf. The calf must have been exhibited the previous year as a bucket calf.
2. There will be separate classes for steers and heifers.
3. These cattle are not eligible for the premium auction.

Swine

1. Gilts must be born between Jan. 1 and March 31 of the current year.
2. Market gilts or barrows may be shown as Market Hogs. A gilt shown as a breeding gilt may not show in the market class.
3. Any pig with an obvious abscess or open wound will not be allowed to enter the 4-H Premium Auction.
4. Market hogs farrowed before Jan. 1 of the current year are not eligible to compete.

Sheep

1. Lambs with tails will not be accepted.
2. Market lambs born prior to January 1 of the current year are not eligible to compete.
3. All market and breeding sheep must be identified with an official USDA scrapies tag.
4. All market lambs and commercial ewes must be "slick shorn," above the knee and hock joints, including the head, before arrival on the grounds. A maximum of 0.2 inch of wool is permitted. Touch up clipping will be allowed in designated areas.
5. No artificial coloring or use of adhesives is allowed on market lambs.

Goats

1. Market animals can be wethers or does.
2. Exhibitors may use a collar, a collar with a short lead, or a halter when showing.
3. Medium/3mm or smaller pinch collars will be allowed.
4. Goats must be shown with all four feet on the ground.

Livestock Specific Rules

All members in Departments 1-8 are required to show their own stock unless they are ill or exhibiting two animals in the same class. Person helping must be a Kingman County 4-H'er.

Exhibitors must furnish all feed and equipment needed at the Fair and they MUST REMOVE ALL LITTER FROM THEIR STALL OR PENS AT THE CLOSE OF THE FAIR AND PLACE IN DESIGNATED AREAS. Failure to do so may result in loss of premium and auction check.

LIVESTOCK ORIGINATING FROM OTHER STATES

General Requirements

All livestock entering Kansas shall follow all KDAH import requirements. The import requirement list is available at www.agricultur.ks.gov/animalhealth or by calling KDAH at (785)-564-6601

Swine

In addition to the general requirements, all swine entering Kansas must meet one of the following:

*Originate from qualified pseudorabies-free/ validated brucellosis-free herd. The current qualified/validated number must appear on the CVI (Certified Veterinary's Inspection). (Hogs from monitored pseudorabies herds do not qualify under this requirement). Originate from a state of Stage IV or V Status in the National Pseudorabies Program and originate from a Swine Brucellosis free state. Any swine not originating from Stage IV or V National Pseudorabis Program states, and any swine not originating from swine brucellosis free states, must show evidence on the CVI that swine have been tested negative to official tests for pseudorabies and brucellosis within 30 days before entry into Kansas, and that herd of origin has had no positive cases of pseudorabies within the previous 12 months.

NOTE: Swine Vaccinated for pseudorabies shall not be allowed into Kansas for exhibition or any other purpose.

Sheep

In addition to the general requirements, all sheep entering Kansas shall be free of any signs of scab or active fungal (ringworm) infection, including club lamb fungus. Sheep must be identified with an official USDA premises ID tag (Scrapie Tag).

Goat

In addition to the general requirements, all goats entering Kansas must be 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 the registration papers for these animals available for inspection.

Horses

In addition to the general requirements, all horses entering Kansas must be accompanied by a valid VS10-11 or equivalent form showing evidence of a negative EIA (Coggins) test conducted by a state-approved laboratory within 12 months before entry into Kansas. Foals six months of age and younger, accompanying their EIA-negative dams, are exempt from EIA test requirements.

Poultry

All poultry entering Kansas, except waterfowl, are not required for 2019 to show proof that they are Pullorum—Typhoid clean by one of the following methods.

*Originate from a NPIP certified U.S. Pullorum-Typhoid clean flock as evidenced by an official VS Form 9-3, certifying all adult poultry in the flock have had a negative test for pullorum-typhoid within the past year. (Adult poultry are any turkeys over 12 weeks of age and any other poultry over 16 weeks of age). Be accompanied by an official VS Form 9-3 signed by the official NPIP representative in the state of origin or by a health certificate that has been issued within the previous 30 days. In addition to the VS 9-3 or CVI, out-of-state poultry must have a "Permit to Ship Poultry or Hatching Eggs" issued by the KDAH within the previous year or a permit number issued by the KDAH office within the previous 15 days.

Department 1: **4-H Beef**

Show-Friday, July 26, 8 a.m.-Kingman County Expo Indoor arena

Cattle Show Order: Heifers, Steers, Dairy, Bucket Calf

Superintendents: John Meng & Corey Krehbiel

1. Read General Fair Rules and General Rules for 4-H Livestock.
2. The classifications for judging beef steers will be based upon weight. An exception will be made for dairy-beef exhibits, which will be shown in a separate class.
3. This is a No-Fit show. The use of adhesive, glue, paint, or powder products is not allowed.
4. All market steers must have been weighted and tagged with an official Kansas 4-H ear tag at county weigh-in by an Extension Agent.

Market Classes

1. Market Steer
2. Market Heifer
3. Kingman County Born and Raised

Breeding Heifer Classes

4. Registered Heifer
5. Commercial Heifer
6. Cow/Calf Pairs
7. Kingman County Born and Raised

Showmanship

8. Senior (14 & over)
9. Intermediate (10-13)
10. Junior (7-9)

Bucket Calf

Judging-Friday, July 26

Indoor Arena, following Dairy Show

Superintendent: Scott Sparks and Cherielle Young

1. Read General Fair Rules and General Rules for 4-H Livestock.
2. Exhibitors must be 12 years of age or younger.
3. Calf must have been bucket fed and cared for by 4-H member.
4. Dairy and beef will be judged together.
5. Judging will be based on the cleanliness, general health, grooming, knowledge and showmanship of the calf.
6. There will be no consultative judging prior to show, only in the show ring.
7. Bucket calves should be born no later than May 1.
8. No clipping of any calves for 7-9 year olds; 10-12 year olds may clip calves. Judges may award blue and red ribbons.

9. A Grand and Reserve will be chosen for both bucket calf and 2nd year bucket calf.

2nd Year Bucket Calf

1. Read Fair General Rules and General Rules for 4-H Livestock
2. Calf must be a second year bucket calf. The calf must have been exhibited the previous year as a bucket calf.
3. There will be separate classes for steers and heifers.
4. These cattle are not eligible for the sale.

Classes

1st Year Bucket Calf

11. Bucket Calf

Classes

2nd Year Bucket Calf

12. 2nd Year Bucket Calf Steers
13. 2nd Year Bucket Calf Heifers

Department 2: 4-H Dairy Cattle

Superintendents: Travis and Erin Self

1. Read General Fair Rules and Rules for 4-H Livestock.
2. Ownership must be prior to May 1 of current year and transfer to registration papers completed prior to July 1.
3. In case the number of entries justify, as determined by the superintendent or judges, the Yearling Heifer Class may be divided into Junior and Senior Heifers, and the cow class into two-year olds and three-year olds or over.
4. Recognized breeds are Jersey, Guernsey, Ayrshire, Holstein, Brown Swiss and Milking Shorthorn. Be sure to list breed and class on entry card.

Classes

14. Heifer
15. Junior Yearling Heifer
16. Senior Yearling Heifer
17. Cow (2-3 Years Old)
18. Cow (4 Years & Over)

Showmanship

19. Senior (14 & over)
20. Intermediate (10-13)
21. Junior (7-9)

Department 3: 4-H Goats

**Judging– Thursday, July 25, 4:00 p.m.,
Kingman Expo Center Indoor Arena**

Superintendent: Levi McBeth

1. Read General Fair Rules and General Rules for 4-H Livestock.
2. All Goats must be identified with and official USDA scrapies tag.
3. All classes will be divided by weight.
4. Judging will be based upon the animal's confirmation, general appearance, muscle and condition.
5. Market animals can be wethers or does.
6. Goats must be shown with all four feet on the ground. Exhibitors may use a collar, a collar with a short lead, or halter when showing. Medium/3mm or smaller pinch collars will be allowed.

Classes

22. Market Goat (less than 1 year Old)
23. Breeding Does
 - A. Junior Yearling Doe (under 1 year)
 - B. Senior Doe (1 year plus)
24. Breeding Does: Dairy

Showmanship

25. Senior (14 Years and Over)
26. Intermediate (10-13)
27. Junior (7-9)

Department 4: **4-H Horse**

Judging — Saturday, July 20

8:30 a.m. Registration & Entries — 9 a.m. Show Starts
Kingman Expo Center Indoor Arena

Superintendents: Jamie Belt and Cindy Belt

1. Read General Fair Rules and General 4-H Livestock Rules.
 - A. Any exhibitor may receive premiums for one top-placing in the Halter class; one top-placing in Showmanship; and two other top-placing in performance and timed events. An exhibitor may enter in more than four classes, but will receive only ribbons for such performance.
2. Each horse exhibited must be owned and/or managed according to the following:
 - A. You may own the horse yourself, lease, or use a family owned horse. In any case, you must manage the horse at least 75% of the time during the course of the project year.
 - B. Horse can only be ridden once per class.
3. To be eligible to exhibit any horse, you must have properly identified each horse with a "4-H Identification Certificate" and the current negative coggins test and submit it to the County Extension Office on or before May 1 of the current 4-H year.
4. Requirements and Patterns outlined in the 4-H pamphlet, "Kansas 4-H Horse Show" will be followed.
5. Exhibitors may stall their horses overnight on the fairgrounds, if box stalls are available. Horses need to be exercised in appropriate places.
6. All horses are shown at owner's risk.
7. The age of the colt is determined as Jan. 1, in the year a colt is born.
8. Stallions may be exhibited only in weanling halter class.
9. Each exhibitor is only allowed one entry per class.
10. Qualifications for State Fair: Performance classes, a blue ribbon at a District 4-H Horse Show; and if horse is two or more, must have qualified at District – no weanlings.
11. Dress:
 - A. Long pants and long-sleeve shirt or blouse must be worn. Pants, shirts, and blouses may vary in color. Extremes of style and/or color, while permissible, are not representative of western attire and do not allow the exhibitor to be presented in a professional manner. In no instance shall "fancy" attire count over a nice, neat, workman-like appearance.
 - B. Participants must wear a western hat and it should stay on during the class. Hats are optional only on timed events. If a rider elects to wear a hat in timed events, it must stay on. If the hat is lost, two second penalty will be assessed to the final time. Caps are not permitted.
 - C. Western boots are required in all western events. The use of gloves, ties, spurs and chaps shall be optional.
12. Champion and Reserve Champion will be selected in halter classes. The champions will compete for Grand

and Reserve Champion Halter class horse. No champion selected in performance class.

13. Showmanship – All exhibitors are encouraged to enter showmanship class to be held at the start of the show, refer to rule one.
14. Timed events – Participants not completing the course will receive last place ribbon. All Around Awards – Each Age Group, 6 and under, 7-9, 10-13, 14-18.

Classes

28. Weanlings at Halter
29. Yearlings at Halter
30. 2 Year Olds at Halter
31. 3 Year Olds at Halter
32. 4 and Over Mares at Halter
33. 4 and Over Geldings at Halter

Grand Reserve Mare and Gelding

34. Showmanship (Age 14-18)
35. Showmanship (Age 10-13)
36. Showmanship (Age 7-9)
37. Showmanship (Age 6 and Under)
38. Command Class (All Ages)
39. Western Pleasure (Age 14-18)
40. Western Pleasure (Age 10-13)
41. Western Pleasure Walk Trot (Age 7-9)
42. Western Pleasure Walk Trot (Age 6 and Under)
43. Western Horsemanship (Age 14-18)
44. Western Horsemanship (Age 10-13)
45. Western Horsemanship Walk Trot (Age 7-9)
46. Western Horsemanship Walk Trot (Age 6 and Under)
47. Barrel Racing (Age 7-9)
48. Barrel Racing (Age 10-13)
49. Barrel Racing (Age 14-18)
50. Flag Race (Age 7-9)
51. Flag Race (Age 10-13)
52. Flag Race (Age 14-18)
53. Pole Bending (Age 7-9)
54. Pole Bending (Age 10-13)
55. Pole Bending (Age 14-18)

Show Rules

1. Current Negative Coggins Test is required. Horse must have current year 4-H ID papers.
2. The handbook for 4-H Horse Shows and events will be used. State 4-H dress code will be enforced.
3. Horse ID Certificates: ID Certificates do not need to be brought to this show, but must have been turned in to the Extension Office by May 1st on any horse shown.
4. All-Around Awards in each division for Performance and Timed Events
5. Horse will not be eligible for the Supreme Showmanship Competition at the County Fair.

Department 5: 4-H Poultry

**Check-in & Blood Testing-Wednesday, July 24, 8 a.m.- Noon
Judging—Friday, July 26, 8 a.m.**

Superintendent: Michelle Bradley & Cami McAndrew

1. Read the General Fair Rules and General 4-H Livestock Rules
2. Classes may be combined or divided at the discretion of the superintendent and judge.
3. When antigen is in stock by the KDA, All chickens and turkeys will be blood tested at check-in when available.

4. No poultry allowed on premises prior to check-in.
5. No poultry will be released until Sunday, July 28.
6. Cages furnished. Must provide feed and water.
7. All exhibitors must be checked in on Wednesday between 8 a.m.– Noon. Do not drop off animals prior to check in.
8. All exhibits must be the result of the exhibitor's current 4-H project and product of the exhibitor's own efforts.

Classes

56. Standard breeds; large fowl; one young bird of either sex
57. Standard breeds; large fowl; one old bird of either sex
58. Standard breeds; Bantams; one young bird of either sex
59. Standard breeds; Bantams; one old bird of either sex
60. Production Pullets; Pen of 3 Standard bred, crossbred or strain cross hens to be judged on egg production qualities
61. Dual purpose pullets; Pen of 3. Such as Rhode Island Reds, New Hampshire, Plymouth Rocks etc.
62. Dual purpose hens; pen of 3. Such as Rhode Island Reds, New Hampshire, Plymouth Rocks etc.
63. Turkeys, all breeds; one bird of either sex
64. Ducks, Call or Bantam, all breeds; one bird of either sex
65. Ducks, all breeds; one bird of either sex
66. Geese, all breeds; one bird of either sex

Showmanship

67. Senior Showmanship (14 and Up)
68. Intermediate Showmanship (10-13)
69. Junior Showmanship (7-9)

Department 6: **4-H Rabbits**

Superintendents: Michelle Bradley & Cami McAndrew

1. Do not drop-off animals prior to check-in on Wednesday, July 24, 8 a.m.-Noon.
2. All exhibits must be checked in on Wednesday between 8 a.m. and Noon.
3. Read Fair General Rules and General Rules for 4-H Livestock.
4. All exhibits must have tattoo in left ear. Cards must be properly marked with Fair number and breed of animal.
5. Exhibitors must furnish the feed. Exhibit pens will be available.
6. Colored and white fur entries must be made from rabbits that are entered in the regular breed classes.
7. Each exhibitor is limited to 6 entries.
8. ALL EXHIBITORS OF RABBITS SHOULD BE ON HAND WHEN THE RABBITS ARE JUDGED. Exhibitors should bring their rabbits to the judging table.
9. Breed classes only may be broken down further at the discretion of the judge and superintendent.
10. Mixed breed rabbit classes are limited to 1st and 2nd year rabbit members (no mixed breed classes at the State Fair.)
11. Classes will be judged by breed of rabbit and will be broken down into breed categories after entries are received on Wednesday.
12. All exhibits must be the result of the exhibitor's current 4-H project and products of the exhibitor's own efforts.

Pre-Junior (Under 3 months). Classes only available in the following breeds; Beveren, Californian, Champagne, D'Argent, Checkered Giant, American Chinchilla, Giant, Chinchilla, Cinnamon, Crème D'Argent, Hotot, New Zealand, Palomino, and Satin.

Juniors (Under 6 months).

Intermediate (6-8 months). Classes only available in the following breeds: American, Giant Angara, Beveren, Californian, Champagne, D'Argent, Flemish Giant, Hotot, English Lop, French Lop, New Zealand, Palomino, Satin and Silver Fox.

Senior (6 months of age or over). For breeds other than those listed having intermediate classes, eight months of age or over for breeds having intermediate classes.

Breeding Classes

- 70. Senior Buck
- 71. Senior Doe
- 72. Intermediate Buck
- 73. Intermediate Doe
- 74. Junior Buck
- 75. Junior Doe
- 76. Pre-Junior Buck
- 77. Pre-Junior Doe
- 78. Meat Pen

Fur Classes

- 79. Normal White
- 80. Normal Fur
- 81. White Satin Fur
- 82. Color Satin Fur
- 83. Rex Fur
- 84. Colored Rex Fur
- 85. White Wool
- 86. Colored Wool

Showmanship

- 87. Sr. Showmanship (14 and Up)
- 88. Int. Showmanship (10-13)
- 89. Jr. Showmanship (7-9)

Department 7:

4-H Sheep

Show– Thursday, July 25, 4:00 p.m.

Kingman Expo Center, Indoor Arena

Superintendents: Cami McAndrew & Cindy Belt

1. Read General Fair Rules and General Rules for 4-H Livestock.
2. Market classes will be divided by weight.
3. Lambs with tails will not be accepted.
4. Market lambs born prior to Jan. 1 of the current year are not eligible to compete.
5. All sheep must be identified with an official USDA scrapies tag.

Classes

- 90. Market Lambs
- 91. Breeding Lamb
- 92. Yearling Ewe

Showmanship

- 93. Senior (14 & Over)
- 94. Intermediate (10-13)
- 95. Junior (7-9)

Department 8:

4-H Swine

Show–Thursday, July 25, 7:30 a.m.

Outdoor Livestock Arena

Superintendents: Joe Hill & Jason Belt

1. Read General Fair Rules and General Rules for 4-H Livestock.
2. All gilts must be born between Jan. 1 and March 31 of the current year.
3. Market gilts or barrows may show in Market Hog Class. A gilt shown as breeding gilt may not show again in the market class.
4. Market classes will be divided by weight so that each class will have a sufficient number.

5. Any pig with an obvious abscess or open (unhealed) wound will not be allowed to enter the 4-H Premium Live-stock Auction.
6. Lightweight and heavyweight hogs cannot enter the 4-H Livestock Sale. Heavyweight hogs can be floored. Light-weight hogs must be taken home.
7. Gilts entered in breeding classes cannot be floored.
8. Market hogs farrowed before Jan. 1 of current year are not eligible to compete.

Classes

96. Market Hog
97. Breeding Gilt

Showmanship

98. Senior (14 Years and Up)
99. Intermediate (10-13)
100. Junior (7-9)

OTHER LIVESTOCK COMPETITIONS

4-H Rate of Gain Contest

All market animals weighed at official Spring Weigh-ins are automatically entered in the Rate of Gain contest for each species. Weight taken at the County Fair will be used to determine final weight. The rate of gain will be calculated as the difference between the final weight and spring weight divided by the number of days between weigh-in dates.

4-H Supreme Showmanship Contest

(Formerly Known as the Round Robin Contest)

Saturday, July 27, 8 a.m.

Outdoor Livestock Arena & Expo Center Indoor Arena

The Supreme Champion Showmanship Contest will consist of the Grand Champion and Grand Reserve Champion Senior, Intermediate, and Junior for each of the four species— beef, sheep, swine and meat goats. If an individual qualifies in more than one species, upon selection of the specie they wish to represent, the third-place individual from the unselected species will participate in Supreme Showman-ship

The judges will score each of the classes. The scores will be based off of a point system. The contestant with the **LOWEST** score will win. First place will be worth one point, Second Place will be worth two points, Third Place will be worth three points, Fourth Place will be worth four points and Fifth Place will be worth five points. At the conclusion of all four classes, the judges will announce the winner for the Supreme Champion Showmanship Contest based on the lowest score.

Animals will be chosen by the Extension Agent's Choosing. Contestants will draw numbers to decide what animals they will be showing. If exhibitor agrees to participate in the Supreme Showmanship, their animal(s) are eligible to be used for contest. Contestants will not be permitted to show their own animals. If you draw your own animal, you must pick another number.

A brief informational meeting will be held prior to the contest in each species to discuss rules and procedures. At this time the contestants will draw numbers of the order and animal.

1. Contestants must be the Grand Champion and Reserve Cham-pion of a species
2. Animals that will be showing in the contest will be picked by the Extension Agent's choosing by **NO LATER THAN 5PM ON THE DAY PRIOR TO THE CONTEST**. No last minute changes will be made, unless the animals is no longer capable to show.
3. Exhibitors will choose animals as luck of the draw by pulling ear tag numbers.
4. Judges will be judging on the individual's showmanship ability and not on the presentation of the animal
5. Animals that are being used in the Supreme Showmanship Contest must be show ready.

Animals will be clean and presentable

2. All showmanship rules and regulations regarding attire, cleanli-ness and sportsmanship apply.
3. There will be a 10 minute time limit on showing.
4. If they are not at the specified location by specified time, con-testant will forfeit their place in the contest.

4-H Herdsmanship Award

Beef, Sheep, Swine, Bucket Calf & Goat

See Fair Schedule for Judging times

Age brackets: Junior 7-9, Intermediate 10-13, Senior 14-18

All 4-H'ers are required to participate in the following events to be considered eligible for the Herdsmanship contest (absence allowed only due to valid reason approved by Ag Agent):

1. Attend and help with Fairgrounds Set-up
2. Attend the Livestock Exhibitor's Meeting following set-up
3. Participate in Showmanship
4. Participate in interview with Herdsmanship judge
5. Complete an educational display

Point System:

Interview – 35 points

Educational Display – 35 points

Cleanliness of Aisles & Stalls – 30 points (15 points Thurs. & 15 points Fri.)

Interview – 35 points possible:

- Is the 4-H'er prepared?
- Did he/she greet the judge in a professional manner?
- Is the 4-H'er knowledgeable about their project?

Sample questions:

1. When did you buy this animal?
2. What breed is it?
3. What did it weigh at spring weigh-in and at fair weigh in?
4. What was its average daily gain? (Int. and Sr. only)
5. What do you feed your animal?
6. How much do you feed your animal?
7. What are your plans for your animal after the fair?
8. What was your biggest challenge?
9. What was your favorite part?
10. What do you do daily to prepare your animal for the fair?

Educational Display – 35 points possible:

- Is the display easy to read and understandable?
- Does the display present correct information?
- Is it age appropriate?
- Does the 4-H'er understand what is on the poster?
- If a family display, did each member contribute and understand their part?

Cleanliness of Aisles & Stalls – 30 points possible (15 points Thurs & 15 points Fri)

- Are stalls and aisles clean including fresh bedding?
- Are the stall cards up and legible?
- Does the animal have fresh, clean water?

The Herdsmanship interview times are listed in their specie barn.

Each 4-H'er will have an opportunity to visit with the Herdsmanship judge at some time during the Fair. A sheet will be posted in each barn with exhibitor name and time. It is the responsibility of the exhibitor to show up on time. It is possible your name could be drawn multiple days if you have multiple species of animals at the Fair. i.e.— Joe Cool's name is on the draw list. He should be around his animal when the judge comes through that day. If the judge stops at his stall/pen he should approach the judge and introduce himself and the judge will proceed with the short interview.

Barn to Barn Competition

Winners will be determined as the group of 4-H'ers who has best cared for their species' barn during the fair. Judging will take place throughout the fair. The three areas to compete in Barn to Barn will be:

1. Swine Barn
2. Sheep, Goat, Alpaca Barn
3. Beef, Bucket Calf, Dairy Barn

All participating livestock kids will be treated to ice cream floats served during the tabulation of the Supreme Showmanship Contest. The winning barn will be served first and the winning barn will also be recognized at the Premium Auction as being the group of 4-H'ers who best cared for and best presented their livestock barns during the fair. Recognition should be made before their species group sells.

Barns not meeting the 4 requirements as listed above (fairground clean up, display, showmanship, interview) will not be eligible to win the Barn to Barn Competition. 4-Hers are encouraged to work together and help the group best present their species. ** Bucket calves are not required to participate in showmanship since there is no showmanship offered.**

Individual Recognition

Top Individual for each age group Junior (7-9) Intermediate (10-13) and Senior (14 and up) will be recognized.

Individual recognition will be determined by nomination process. Each family in the respective barns will be able to nominate one 4-H'er per age group, excluding a nomination from their own family. Observation of the 4-H'ers Herdmanship effort should begin the night of the fairgrounds cleanup and continue throughout the fair. Nominations are due to the superintendents by Friday evening which can be dropped off in the fair office.

Nominations should reflect 4-H'ers who best cared for the area and appearance of their animals during the fair.

Families are encouraged to interview the 4-H'ers about the information included on their educational display. Nominations should reflect the impression given by the 4-H'er as they discuss their display.

Nominations should also consider the 4-H'ers who best contribute to a friendly welcoming, helpful environment in the barn.

A winning nomination will have to meet the 4 requirements listed above (fairground cleanup, display, showmanship, interview) **Bucket Calves are not required to participate in showmanship since there is no showmanship offered.

In the case of ties, the nominee with the better interview score by the herdmanship judge will be the winner. Individual winners will receive an award.

Department 9: **4-H Dog Show**

Judging—Sunday, July 21, 8 a.m., Indoor Arena, Kingman Expo Center

Superintendents: Pam Finder & Topaz Krehbiel

Junior Superintendent: Kelly Krehbiel

1. Exhibitors will follow the "Kansas 4-H Dog Show Rule Book" and "4-H Agility Rule book." (Available from the Extension Office).
2. Dogs at the show must be kept on a leash at all times except when competing in "off leash" competition. Any outward abuse of a dog will result in disqualification by superintendent.
3. No one other than 4-H exhibitor can work or groom his or her dog at the show.
4. Members of the dog project are required to train their own dog with assistance from leaders. No dog in season will be allowed to show in agility, showmanship, or obedience and must be removed from the show immediately.

5. Good Sportsmanship shall be observed at all times.
6. No ribbon will be given to dogs/handlers if they are dismissed from the ring by judge due to: dog leaving the ring or out of control, dog being overly aggressive, handler using abusive language or unsportsmanlike conduct, or baiting dog.
7. Champion awards and Reserve awards will be awarded for each showmanship and obedience class if there is a qualifying blue ribbon. Champion awards will be awarded in Agility if the handler and dog complete the course with top qualifying run.
8. All participants in agility must have control of their dogs and be approved by the leader
9. Agility equipment– dogs must wear a buckle or snap collar with nothing attached during competition .
10. 4-H Dog Show Immunization Record (MG-34 Revised) Must be completed for each dog entered. This record may be printed on any color paper. Original photocopies are acceptable.

Showmanship Classes

101. Pre-Junior Showmanship (7-9 years of age)
102. Junior Showmanship (10-11 years of age)
103. Intermediate Showmanship (12-14 years of age)
104. Senior Showmanship (15-18 years of age)

Obedience Classes

105. Pre-Novice A – Open only to first year dog project members and their dogs with no previous obedience training.
 106. Pre-Novice B – Open to those who have not qualified Pre-Novice. All exercises to be completed on lead.
- Note: Pre-Novice classes do not qualify the handler or dog for Kansas State Fair.
107. Novice – Open to those who have qualified in Pre-Novice but have not qualified in Novice.
 108. Graduate Novice – Open to those who have qualified in Novice.
 109. Champion Open A.

Agility I

110. Level 1 - Open to those who have agility training (a copy of the agility rules is available at the Extension Office).

Agility II

111. Level 2 - Open to those with 10 points in Agility I and pre-qualified at State Fair to move on the previous year.
112. Level 3

Department 10: **4-H Pets**

Judging—Thursday, July 25, 9 a.m.

Judging will take place on the South end of the ramp in the Kingman Expo Center

1. 4-H member must be enrolled in project.
2. There will not be a champion selected.
3. Cat exhibits must be vaccinated for Rabies and Feline Distemper. Vaccination for pneumonia and viral rhinotracheitis is recommended **2 weeks prior to exhibiting**. An official vaccination certificate will be required in order to exhibit cat projects.

4. Pre-entry must be completed by July 10.
5. Pregnant females cannot be exhibited.
6. Cats must be in crates or cages.
7. Hand and aquarium pets will be exhibited at owner's risk.
8. Cats and hand pets entered in the show need to be at the Fair only during the time of showing.

Note: Posters and educational displays will be judged in Dept. 29 4-H Miscellaneous.

Classes

113. Cat
114. Hand Pets (in cage)
115. Aquarium Pets
116. Birds
117. Other Pets

Department 11: **4-H Entomology (Insects)**

Check-In— Wednesday, July 24, 4-6 p.m.

Judging—Friday, July 26, Noon

*Superintendents: Jennette, Kendall Rogers and
Sukesh Kamesh*

A 4-H member may exhibit in the ENTOMOLOGY COLLECTION, ENTOMOLOGY NOTEBOOK and/or EDUCATIONAL DISPLAY classes in the Beginning, Intermediate or Advanced phase in which they enroll.

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

Collection Classes

1. All entries should be submitted in an 18 x 24 x 3.5 inch wooden display box with a clear plastic top (such as plexiglass). Boxes can be handmade or purchased as long as they are of the correct size. Instructions and plans can be found at <http://www.kansas4-h.org/projects/agriculture-and-natural-resources/entomolgy.html>
2. 4-H'ers may choose to use one of two taxonomies:
 - A. As printed in "Insects in Kansas" book or
 - B. As printed on the "Insects in Kansas Book: 2016 Revised Taxonomy", which follows www.bugguide.net
3. Each exhibitor is required to identify each box with two identification labels bearing Exhibitor's name, county or district, the collection class 4-H'er is enrolled in and statement of taxonomy used: One label goes in the upper left corner of the box (inside) and the other on the lower right corner of the box (outside). Arrange specimens in the box so the box can be displayed lengthwise.
4. The number of orders, specimens (and families where required) must be included on both of the exhibitor's box identification labels.
5. Arrangement of specimens: The preferred method is to arrange the insects in groups or rows parallel to the short sides of the box. Specimens are to be arranged by Order in the box, then Family where required.

6. Two labels should be centered on the pin beneath each specimen. First (closest to the specimen) is the common name label and the second label should be date/locality. Full county name and state abbreviation on the second label. Collector's name or host on the date/locality label is optional.
 7. The specimens should be collected by the exhibitor and should focus on Kansas insects. Insects may be collected from one county into bordering states and labeled accordingly. Please refer to "Entomology Collection Exhibit Resource" for full details on out-of-state insects in collections.
 8. Only specimens of the class Insecta should be included.
 9. Purchased insects are not to be exhibited in collections, but they may be used in educational displays.
 10. Specimens of soft bodied insects such as aphids, lice, termites, etc. should be exhibited in alcohol filled vials; however, the use of alcohol filled vials should be limited to only those specimens that lose their shape when pinned, since the vials pose a significant hazard to the rest of the collection if they become loose in transit.
118. BEGINNING I ENTOMOLOGY COLLECTION Display in one standard box a minimum of 50 and maximum of 125 species representing at least 7 orders. Follow the guidelines listed for Collections. Members can exhibit in this class a maximum of 3 years or until they receive a purple ribbon at the Kansas State Fair, whichever comes first.
119. BEGINNING II ENTOMOLOGY COLLECTION Display in one standard box a minimum of 75 and maximum of 150 species representing at least 9 orders. Follow the general guidelines listed for Collections. Members can exhibit in this class a maximum of 3 years or until they receive a purple ribbon at the Kansas State Fair, whichever comes first.
120. INTERMEDIATE ENTOMOLOGY COLLECTION Display a minimum of 100 and a maximum of 300 species representing at least 10 orders. Two standard boxes can be used. Follow the general guidelines listed for Collections. In addition, family identification is required for all insects in any two of the following six orders: (Only two will be counted for judging) a) "Insects in Kansas" book - Orthoptera, Hemiptera, Homoptera, Coleoptera, Hymenoptera, and/or Diptera or b) "Insects in Kansas Book: 2016 Revised Taxonomy", which follows www.bugguide.net - Odonata, Orthoptera, Hemiptera, Coleoptera, Hymenoptera, and/or Diptera Members can exhibit in this class a maximum of 3 years. A 4-H'er may move up if they receive a purple ribbon.
121. 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 guidelines listed for Collections. Family identification is required for all insects belonging to the six basic orders as outlined under the Intermediate phase. Only families in the above six orders will be counted for judging. Family identification of insects in the remaining orders is optional, but desirable as long as accuracy is maintained. On a piece of paper list what you did to

improve your collection during the current year. Examples: what insects did you add or replace, what orders and/or families you added, what Leadership you provided in this project, and/or what insects you have studied. Attach paper to the back of one of the display boxes. Members may continue to exhibit in this class at the Kansas State Fair for an unrestricted number of years as long as they remain eligible for 4-H membership.

NOTEBOOK CLASSES

1. Individual entries are to be placed for display in a three-ring notebook for competition.
2. 4-H'ers may choose one of the two taxonomies:
 - A. as printed in "Insects in Kansas" book or
 - B. as printed on the "Insects in Kansas Book: 2016 Revised Taxonomy", which follows www.bugguide.net
3. 4-H'ers who have been previously enrolled in or are currently enrolled in the other phases of the Entomology project need to start with the Beginning Phase of Entomology Notebooks, not the Introductory phase.
4. Each exhibitor is required to identify the notebook by placing a Title Page in the front of the notebook bearing the exhibitors name, county or district and class 4-H'er is enrolled in and statement of taxonomy used: A. "Insects in Kansas" book or B "Insects in Kansas Book: 2016 Revised Taxonomy ", which follows www.bugguide.net The number of orders, specimens and families (required in Intermediate and Advanced classes) must also be included on the Title Page.
5. Specimen pages should be grouped according to order and should include one page per species. If more than one insect is in the photo, an arrow to indicate identified insect should be used.
6. Date, common name, full county name and state abbreviation should be included for each species. Collector's name on the specimen page is optional.
7. Specimen pages should have two different views of the insect if possible. If pictures are taken on different dates/localities, include information for both.
8. A statement describing the habitat where found/host plant may be included and is encouraged and will be worth a bonus 10 points total, not per page. For Intermediate and Advanced notebooks, this is strongly encouraged.
9. A divider page is to be placed in front of each order of insects with the order name printed on the tab for the page as well on the front of the divider page.
10. For the Intermediate and Advanced classes, insects are also to be grouped by family behind each order divider.
11. If the exhibitor has been in the same class for more than one year, a separate sheet of paper needs to be added stating how many years the exhibitor has been in this class of the project and what the exhibitor did this year to improve their notebook. Place the paper just behind the Title Page in the front of the notebook.
12. A special project must be completed each year and included in the notebook. See project guideline materials for specifications.

CLASSES

122. **INTRODUCTORY ENTOMOLOGY NOTEBOOK** Display a minimum of 10 and a maximum of 30 insect species representing at least 6 different orders. Follow the guidelines listed for Notebooks, including the Special project. A 4-H member must be of minimum age to compete at the Kansas State Fair. A 4-H member may exhibit in this class for a maximum of two years.
123. **BEGINNING ENTOMOLOGY NOTEBOOK** Display a minimum of 20 and a maximum of 60 insect species representing at least 7 different orders. Follow the guidelines listed for all Notebooks, including the Special project. Members can exhibit in this class a maximum of 3 years or until they receive a purple ribbon at the Kansas State Fair, whichever comes first.
124. **INTERMEDIATE ENTOMOLOGY NOTEBOOK** Display a minimum of 60 and a maximum of 100 species representing at least 9 orders. Follow the guidelines listed for Notebooks, including the Special project. In addition, family identification is required for all insects in any two of the following six orders: (Only two will be counted for judging) A. "Insects in Kansas" book - Orthoptera, Hemiptera, Homoptera, Coleoptera, Hymenoptera, and/or Diptera or B. "Insects in Kansas Book: 2016 Revised Taxonomy" which follows www.bugguide.net - Odonata, Orthoptera, Hemiptera, Coleoptera, Hymenoptera, and/or Diptera Members can exhibit in this class a maximum of 3 years. A 4-H'er may move up if they receive a purple ribbon.
125. **ADVANCED ENTOMOLOGY NOTEBOOK** Display a minimum of 100 and a maximum of 200 species representing at least 12 orders. Follow the guidelines listed for Notebooks, including the Special project. Follow the general guidelines listed for Notebooks. Family identification is required for all insects belonging to the six basic orders as outlined under the Intermediate phase. Only families in the above six orders will be counted for judging. Family identification of insects in the remaining orders is optional, but desirable as long as accuracy is maintained. Members may continue to exhibit in this class for an unrestricted number of years as long as they remain eligible for 4-H membership.

EDUCATIONAL DISPLAY CLASSES

General Guidelines

1. Share with others what you learned in this project. Exhibit any activity or learning experience related to the field of entomology or the Teaming with Insects curriculum that does not fit into Entomology Collection or notebook classes above.
2. Follow copyright laws explained in the general Rules.
3. The exhibit may be, but isn't limited to, original works, digital presentations (must provide printed hardcopy for exhibit purposes for duration of the fair), 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 18x24x3.5 inches with a clear plastic top (such as plexi glass) and displayed horizontally. If the exhibit is a poster, it must not be larger than 22"x28". If the exhibit is a display, maximum size is not to exceed a standard commercial 3'x4' tri-fold display board.

4. Name and County/District must clearly be marked on educational exhibits.
126. BEGINNING EDUCATIONAL DISPLAY Class for individuals that are exhibiting in the Beginning I and II Collection or Beginning Notebook Classes. If only exhibiting in this category, then ages 9-12.
127. INTERMEDIATE EDUCATIONAL DISPLAY Class for individuals that are exhibiting in the Intermediate Collection or Intermediate Notebook Classes. If only exhibiting in this category, then ages 11-14.
128. ADVANCED EDUCATIONAL DISPLAY Class for individuals that are exhibiting in the Advanced Collection or Advanced Notebook Classes. If only exhibiting in this category, then ages 13 or older.

Department 12:

4-H Honey, Horticulture & Crops

Check-in—10 a.m.—Noon, Thursday, July 25

Judging— 1 p.m., Thursday, July 25

Superintendents: Cami McAndrew

1. Exhibits in their division need not be mature. Effort should be made, however, select as mature entries as possible.
2. All Exhibits must be properly labeled and be on paper plates List name of variety on entry card.
3. List Variety Name on exhibit tag.

NOTE: to help promote the freshest product possible for judging, check-in and judging times have been changed.

Classes

129. Wheat (1 Gallon in wide mouth jar)
130. Oats (1 Gallon in wide mouth jar)
131. Barley (1 Gallon in wide mouth jar)
132. Grain Sorghums (10 heads)
133. Forage Sorghums (10 heads)
134. Corn (10 Ears)
135. Alfalfa Hay (either normal or small 1-ft cubic bale)
136. Other
137. Garden Display. Limited to four square feet of space. Exhibit consists of any 5 different fresh vegetables regardless of size category Canned vegetables are not acceptable. Only 1 Variety of a specific vegetable may be exhibited.

Display should be exhibited in tray, basket or container.

The number of individual vegetables is as follows:

Large Vegetables (ex.)

(1 each) Watermelon, Squash, Pumpkin, Eggplant, Cabbage, Potatoes, Cantaloupe.

Medium Vegetables (ex.)

(5 each) Cucumbers, Peppers, Tomatoes, Parsnips, Carrots, Okra, Beets, Irish Potatoes, Onion, Sweet Potatoes, radishes.

If small fresh vegetables, such as green beans, are used as 1 of the 5 different vegetables, a dozen is suggested.

Small Vegetables

(12 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 (two bunches)

4-H Horticulture

1. Read General Rules.
2. All Horticulture exhibits must be grown by the exhibitor
3. All exhibits must be properly labeled with class, name of exhibitors, Fair number, club and address, and secured.
4. Place entry on plate with entry card. Large items may have entry card attached by string or tape.
5. 4-H'ers may exhibit up to 4 exhibits of fruits and/or vegetables and up to 4 floral exhibits.

Individual Vegetable Exhibit Classes

138. Small Vegetable Specimen Plate (12). Example: green snap beans, yellow wax beans, radishes or other small vegetables.
139. Medium Vegetable Specimen Plate (5). Example: cucumbers, cherry tomatoes, tomatoes, beets, white onions, yellow onions, red potatoes, white or Russet potatoes, carrots, mini pumpkins, decorative gourds or other medium-sized vegetables, radishes.
140. Large Vegetable Specimen (1). Example: watermelon, summer squash, winter squash, large type pumpkin, eggplant, cabbage, cantaloupe or other large vegetables.
141. Fresh Culinary Herbs (6). Should be displayed in disposable water container. Dried herbs not accepted.
142. Tree Fruits (5). Example: apples, pears, peaches, etc. Grapes (plate of two bunches)

Science in Horticulture

143. Plant Propagation Exhibit
144. Other Scientific Exhibit (plant response to light, fertilizer, etc.)

Landscaping with Horticulture

145. Best Bouquet of Flowers
146. Perennial Garden, Flower, Cut Specimen, Single Stem
147. Perennial Garden, Flower, cut Specimen, Multiple Stems
148. Fresh flower Arrangement
149. Dried flower Arrangement— no fabric or plastic material allowed

NOTE: it is recommended that flowers and arrangements be in disposable containers (single stems in pop bottles or disposable bottles). Mark with your name on the container. Potted plants not accepted. Items should be grown, not purchased.

150. Plan for House and Grounds. Planned improvement drawn to scale (before and after pictures may be included to show progress).

Honey

151. Bulk Honey— 1 Standard extraction frame. Section of comb is not acceptable (wrap in cellophane)
152. Extracted Honey— 3 standard 2 pound honey jars
153. Other Honey Related Exhibit

Department 13:

4-H Geology & Lapidary

Check-In— Wednesday, July 24, 4-6 p.m.

Judging—Friday, July 26, Noon

Kingman Expo Center, North Room

*Superintendents: Jennette, Kendall Rogers and
Sukesh Kamesh*

1. The exhibit box should be 18"x24"x3.5". Plexiglass 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 Plexiglass cover, it must be removable from the top. Screws, locks or other devices that would prevent judges from removing the cover should not be used.
2. Each exhibitor is required to identify each display box by placing an identification label bearing name, county or district, and number of specimens in the upper left hand corner of the Plexiglass cover (inside – use clear double-sided tape to adhere gummed labels), and by attaching a label with the same information on the lower right corner of the box (outside).
3. Exhibitor may enter in both geology and lapidary classes.
4. Exhibitor may show in only one of the first four geology classes. Exhibitor may also show in geology class and in one lapidary class.
5. Geology specimens should be labeled with the number of the specimen, date collected, specimen name or description, and locality (county) where collected.
6. For the geology classes 1-4, specimens should be mounted in the box by proper groups: rocks, minerals, fossils. Fossils must be identified to the Phylum, Class and Genus level. Genus name is to begin with a capital letter. Species name is all lower case. Genus and species names must either be italicized or underlined, not both. The words "phylum, class, genus" on labels are to be spelled out, not abbreviated. More than one specimen of the same kind of rock or mineral or species of a fossil may be exhibited if this duplication represents different geological formations. Specimen label must show this distinction (Fort Hays limestone, not just limestone; Calcite from the Greenhorn Formation, not just calcite; Phylum; Brachiopoda Class; Articulata Genus; Compositae from the Morrill Limestone member, not just Phylum; Brachiopoda Class: Articulata Genus: Compositae).
7. For the geology classes 1-4, all specimens must be collected (not purchased) from locations in Kansas. Out-of-state specimens will not count in the minimum number for the class, nor will they be considered in the judging. Exceptions include Tri-State Mining Area specimens from these three adjacent counties: Ottawa Co., OK; Newton and Jasper counties, MO.

Classes

154. Geology 1. Display at least 15 rocks, minerals, and fossils collected during the current 4-H year. Exhibitor is limited to one exhibit box.
155. Geology 2. Display at least 30 different rocks, minerals or fossils, at least 5 of each. **Fifteen must be collected during the current 4-H year.** Exhibitor is limited to one exhibit box.
156. Geology 3. Display at least 45 rocks, minerals or fossils, at least 5 of each. **Fifteen must be collected during the**

current 4-H year. Exhibit limited to two boxes.

Identify these as igneous, metamorphic or sedimentary. These rock types must be spelled out on labels or have legible key.

157. Geology 4. Display at least 60 rocks, minerals or fossils, at least 5 of each. **Fifteen must be collected during the current 4-H year.** Exhibit limited to two boxes. List the items as igneous, metamorphic or sedimentary.
158. Geology Educational Exhibit: Exhibit relating to every day 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, archeological artifacts or Indian artifacts. Digital formats are accepted. Please make arrangements for the judge to view your exhibit and have a hard copy for display. Exhibit limited to 4 feet of table space.

Lapidary (continuation of previous rules)

8. Lapidary will be judged on the following criteria
Workmanship and Content:.....60 points
Presentation & Showmanship:.....30 points
Accuracy of Information:.....10 points
9. An exhibit box smaller than the standard size may be used for the lapidary exhibits if appropriate (18"x12"x 3.5"). Specimens should be arranged across the 18" dimension of the exhibit box, making the exhibit 18" across the top and 12" deep.
10. All lapidary specimens should be labeled with the following information:
-Specimen name
-Place of origin (country, state or county; county required for Kansas specimens)
-Purchased or self-collected
-Date lapidary treatment began
-Date lapidary treatment completed (Treatment completed after the State Fair is considered a New Year specimen).

Classes

159. Lapidary 1. 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.
160. Lapidary 2. Display before-and-after examples of at least 3 varieties of specimens, at least 2 tumble-polished and 2 unpolished of each. There is no requirement that the 4-H'er collect any of these. Locales must be identified. Lapidary work should be done during the current 4-H year.
161. Lapidary 3. Display before-and-after examples of at least 6 varieties of specimens, at least 2 tumble-polished and 2 unpolished of each. At least two varieties should be collected from the native site by the 4-H'er, at least one of which comes from Kansas. Locales must be identified. Lapidary work on at least three varieties should be done during the current 4-H year.
162. Lapidary 4. Display before-and-after examples of at least 9 varieties of specimens, at least 2 tumble-polished and 2 unpolished of each. At least three varieties should be collected from the native site by the 4-H'er, at least two of which come from Kansas. Locales

- must be identified. Lapidary work on at least three varieties should be done during the current 4-H year.
163. Lapidary 5. Exhibit at least 6 specimens that have not previously been exhibited, which have received lapidary treatment. Lapidary treatment may consist of polishing, and end, face, or flat lapping. Specimens must represent at least 3 different varieties and include at least three cabochons of any size or shape, only one of which may be free-formed. A cabochon is a style of cutting in which the top of the stone forms a domed or curved convex surface. Three of the specimens must be mounted into jewelry findings.

Department 14:
Commissioner's Cookies for College
Cookie Jars Judged by our panel of Kingman County
Commissioners!

Judging—Thursday, July 25, 9 a.m., North Room

Superintendent: 2019 Scholarship Recipients

1. Use a gallon jar. These may be obtained from restaurants, school cafeteria, etc. See through jars are preferred.
2. The jars may be decorated with paints or materials. Cookies must be visible through at least 50 percent of the jar and each cookie should be wrapped separately in clear plastic wrap.
3. Nine different varieties of cookies must be displayed. For example: sugar, chocolate chip, peanut butter, etc. Additionally, one cookie of each kind should be brought on a covered plate for judging (Hint: Think of a theme for types of cookies in your jar – all oatmeal, all international, all sugar-free, etc.)
4. All jars must be entered on Wednesday, July 24, 4-6 p.m. in the North Room.
5. Include a total of not less than 25 cookies and all recipes. The cookies need not be uniform.
6. Every club is encouraged to participate. This is an Open Class exhibit as well.
7. Each Cookie Jar will be auctioned off at the 4-H Livestock Sale on Monday evening. All proceeds will go to the Kingman County Scholarship Fund.
8. This project is not limited to 4-H clubs. Any individual or community club or organization may make an entry for the Cookies for College competition.
9. Cookie jars do not need to reflect the Fair theme.
10. One jar will be chosen as an Endowment Jar to be sold for the purpose of building the 4-H Scholarship Program.

Interested in purchasing a Cookies for College cookie Jar? Your investment in the future of Kingman county 4-H'ers can be made at the 4-H Livestock Premium Auction on Saturday July 27th! Funds raised are used for the Kingman County 4-H Scholarship fund.

Department 15:

4-H Food & Food Preservation

Judging— Wednesday, July 24, 10 a.m.– 2 p.m.

*Superintendents: Amy & Delaney Arensdorf, Sarah Kelley
and Peggy Lawrence*

JUDGING TIMES BY CLUB

10:00 a.m. — Noon: Cunningham & Whispering Willow

Noon— 2 p.m.: Hawk, Vinita & Norwich

Judging order randomly selected based on pre-entries

All 4-H'ers will be allowed to sell BOTH livestock and Purple Ribbon Food at the Premium auction this year.

1. Read General Rules.
2. All foods must be pre-entered. Please be sure you are entered under the correct age category. (4-H age is the age as of Jan. 1, 2019.)
3. Recipes are required or entry will be lowered one ribbon value.
4. For food safety purposes, any food with custard and dairy-based fillings and frostings (ex. cream cheese), flavored oils, raw eggs, "canned" bread or cakes in a jar, cut fresh fruit or any food requiring refrigeration (ex. bacon) or unbaked exhibit with raw flour (ex. No Bake Cookies) will not be judged. Refer to K-State Research & Extension Publication, 4-H488, Judge's Guide for Food and Nutrition Exhibits, for information to help you make informed, safe food exhibit decisions.
5. Judging will take place on Wednesday, July 24 from 10 a.m. to 2 p.m. in the South Room of the Kingman Expo Center.
6. Conference judging is for the benefit of the 4-H'ers. Parents and leaders are welcome to listen to the judges' comments, however, all discussions will be with the 4-H'er.
7. If the 4-H'er is not present at the time of the judging, no conference will be held.
8. Open only to 4-H Foods members enrolled in the project. Members may exhibit a total of 5 entries in this department. Educational displays and gift baskets are included in the total number of maximum entries. Limit 1 gift basket per exhibitor.
9. Members may enter their choice of non-perishable food products such as any variety/type/kind/style of baked products such as (but not limited to) the following: cookie, quick bread, yeast bread, muffins, cakes, cupcakes, rolls (3 each), pies, etc. Trail mix types, snack mix, fruit leather, decorated food items, etc. are also accepted entries.
10. All baked goods must be left whole and uncut. Small items, such as cookies and rolls, should be the same shape and from the same recipe. Exhibit 3 cookies, 3 muffins, 3 bread sticks, 1 bread loaf, etc.
11. Underbaked entries will be lowered one or more ribbon placings.
12. All unfrosted cakes should be exhibited in an upright position with crust showing. The exception is for those cakes made in special designs such as bundt cakes. They should have top crust side down.
13. Any baked product that can be removed from the pan should be placed on a plate, covered cardboard or disposable container of appropriate size for the exhibit.

14. Place in food grade plastic bag, disposable plastic containers or boxes. Space is limited for judging so use small disposable plates when possible for food exhibits. Only the exhibit is judged. The container is not judged.
15. A decorated food item must be a food item – not a decorated box or dummy form. These items will be judged on technique, stability, suitability, creativity, etc., and will not be cut unless the judge deems it necessary. Decorated special event cakes will not be accepted for exhibit at the State Fair.
16. Exhibits must be labeled with the official entry tag.
17. Attach a gummed label to the bottom of the plate or cardboard. Labels available at the Extension Office or for download at: http://www.kansas4-h.org/events-activities/fairs/kansas-state-fair/docs-foods-and-nutrition/Foods_Label.pdf
18. All food entries must be presented for judging with a recipe and the exhibitor's name. If the exhibitor does not have a recipe, they will be lowered one ribbon placing.
19. Alcohol is not allowed as an ingredient in food entries. Entries with alcohol in the recipe will be disqualified and not be judged.
20. Food Gift Package – No alcoholic beverages will be accepted. A food gift package must contain at least 3 different food items (prepared for human consumption), made by the 4-H member, in a suitable container no larger than 18"x18"x18". Prepared food items must have recipes attached with the entry. Additional homemade food items, beyond the 3 minimum or purchased items, may also be included in the gift basket. Home canned foods must follow Food Preservation Rules. Canning jars should not be used for baking per manufacturer's instructions. They could break during baking.
21. Educational Exhibits – Exhibits may be in the form of a poster, notebook or display. Follow copyright laws as explained in the General Rules as you are preparing your exhibit. Take care to select materials that will withstand Fair conditions. No card table displays are allowed. If a poster, it must not be larger than 22"x28". Displays are not to exceed a standard commercial 3'x4' tri-fold display board. Name and county or district must be clearly marked on educational exhibits. The educational exhibit evaluation form will be provided at judging time. NOTE: A collection of recipes in a recipe box or notebook does not constitute an educational exhibit.
22. Dried foods are to be exhibited in the Food Preservation Division.

Note: A decorated cake may be entered by 4-H'er. The cake may be judged on decoration only or decoration and taste at the 4-H'er's discretion. If the cake is judged by decoration only, the cake will not be eligible for Overall Grand Champion in the 4-H Foods Division. Decorated cakes are not eligible for the State Fair.

23. One Purple ribbon food item per exhibitor may be sold at the Premium Auction.

Modified Food Product

Product must be modified from original recipe to nutritionally enhance the food product. Attach one – 8.5"x11" page (front and back) that includes Original Recipe, Modified Recipe, and Narrative to describe modifications made, why modifications were made and lessons learned such as nutritional value, or changes in appearance, doneness, aroma, flavor, tenderness and/or texture. Example: A standard blueberry muffin recipe that is modified to make it gluten free.

Suggested resources: Altering Recipes for Better Health, Purdue University: www.extension.purdue.edu/extmedia/cfs/cfs-157-w.pdf

Altering Recipes for Good Health, Texas A&M University: http://fcs.tamu.edu/food_and_nutrition/PDF/altering-recipes.pdf

Flop Class is for a food product that did not turn out as expected. This can be helpful as to why it happened. Not a judged class but a learning experience

Classes

Level 1

164. For 7-9 year old exhibitor, a non-perishable food product
165. Educational display prepared by 7-9 year old exhibitor
166. Food Gift Basket prepared by 7-9 year old exhibitor
167. Modified non-perishable food product

F1. Flop Class

Level 2

168. For 10-11 year old exhibitor, a non perishable food product
169. Educational display prepared by 10-11 year old exhibitor
170. Food Gift Basket prepared by 10-11 year old exhibitor
171. Modified non-perishable food product

F2. Flop Class

Level 3

172. For 12, 13 or 14 year old exhibitor; a non-perishable food product
173. Educational display prepared by 12-14 year old exhibitor
174. Food Gift Basket prepared by 12-14 year old exhibitor
175. Modified non-perishable food product

F3. Flop Class

Level 4

176. For 15-18 Year old exhibitor; a non-perishable food product
177. Educational display prepared by 15-18 year old exhibitor
178. Food Gift Basket prepared by 15-18 year old exhibitor
179. Modified non-perishable food product.

F4. Flop Class

Food Preservation Classes

Rules

1. Exhibits must have been preserved since the member's previous year's county fair, and not have been exhibited at the previous year's state or county fair.

Recommended resources for the foods division:

- K-State Research and Extension Food Preservation publications

- Other University Extension Food Preservation publications
- USDA Complete Guide to Home Canning
- So Easy to Preserve, 6th edition, The University of Georgia Cooperative Extension Service
- Ball Blue Book Guide to Preserving
- 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.htm>

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

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

MF3170 "10 Tips for Safe Home-Canned Food" (<http://www.ksre.ksu.edu/bookstore/pubs/MF3170.pdf>) MF3171

"Sassy Safe Salsa at Home" (<http://www.ksre.ksu.edu/bookstore/pubs/MF3171.pdf>) MF3172 "What's Your Elevation?" (<http://www.ksre.ksu.edu/bookstore/pubs/MF3172.pdf>)

MF3241 "How to Guide to Water Bath Canning and Steam Canning" (<http://www.bookstore.ksre.ksu.edu/pubs/MF3241.pdf>) MF3242 "How to Guide to Pressure Canning" (<http://www.bookstore.ksre.ksu.edu/pubs/MF3242.pdf>)

1. Alcohol is not allowed as an ingredient in food preservation entries. Entries with alcohol in the recipe will be disqualified and not be judged.
2. Exhibit must have the complete recipe and instructions attached with the entry card, or it will be disqualified. Recipe must include name, recipe source, date of publication and altitude of where food was processed. If using Mrs. Wage or Ball mixes, indicate the date the mix was purchased. Please state recipe source.
3. Exhibits must be sealed in clear clean standard canning jars, with matching brand (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, these interfere with the judging process and should not be used. No fancy packs unless recipe states to do so (ex. pickled and asparagus). Jars must be sealed when entered. For food safety reasons, the size of jars used must not be larger than the jar size stated in the recipe. Note: There are now 12 oz., 24 oz. and 28 oz. canning jars available. Use a pint jar canning process recommendation. Use quart jar process recommendations for 24 oz. and 28 oz. jars. Do not use colored jars.
4. Each jar exhibited must be labeled with a uniform label placed 1" from the base of the jar. You may need to make a label using an adhesive mailing label. The label must not cover brand name of jar. The label must give: Product, Canning Method, Process Time, Pressure (psi.), date processed including month and year, Name and Club. Label templates may be found at: <https://www.kansas4-h.org/events-activities/fairs/kansas-state-fair/index.html>

Classes

180. Sweet Spread (fruit and/or vegetables); One Jar
 181. Fruits, Juices, Fruit Mixtures (salsa, pie filling, etc); one jar
 182. Low Acid Vegetables (green beans, corn, etc. or vegetable mixtures); One Jar

- 183. Pickles (fruit and/or vegetable), Fermented foods, Relishes and Chutney; One Jar
- 184. Tomato/Tomato Products, Tomato Juice and Tomato Sauces; One Jar
- 185. Meats; One Jar
- 186. Dried Foods

For Dried Foods: Place in a small canning jar, Suggested amount: 1/3 to 1/2 cup or 3 or 4 pieces per exhibit. All meat jerky must be heated to an internal temperature of 160 degrees F before and after drying. This is not the drying temperature. Include recipe and directions. If dried food product is not in a canning jar, it will be lowered one ribbon rating. Dried recipes must include the recipe preparation steps and heating instructions. Jerky not heated to an internal temperature of 160 degrees F will be disqualified and not be judged. Heating information can be found in MF3173—"Dry Meat Safety at Home", you can download it at: www.ksre.ksu.edu/bookstore/pubs/MF3173.pdf

Department 16: **4-H Clothing & Textiles Construction**

Check-In— Wednesday, July 24, 4-6 p.m.

Judging — Thursday, July 25, 9 a.m.

Conference judging will be held in conjunction with the County Fair. Pre-entries will be due in the Extension Office by July 10. IT IS IMPORTANT THAT YOU PRE-ENTER BY THIS DATE.

1. Read General Rules.
2. Garments that have been worn must be carefully laundered and cleaned before being exhibited.
3. Label must include class, name, address, club and Fair number. A green and white 4-H label must be sewn into your garment. Labels should be about 3" x 2.5" in size and be made of a piece of cloth with permanent or laundry type marker. Can be pinned or sewn to item.
4. Place exhibits on hanger with hook toward left shoulder of garment. Attach skirts to hangers with large safety pins. A clear plastic bag with accessory items may be attached to the hanger with safety pins. If exhibit is delicate fabric and garment must be protected, place in clear plastic bag.
5. Conference judging will be held during the 4-H Fair, not in advance. This judging will be conducted on a first come, first served basis, 9-11 a.m., on Friday, July 26.
6. Judged garments are to be on exhibit during the Fair.
7. All exhibitors must submit project costs sheet.
8. A Grand and Reserve Champion will be awarded overall if quality merits.
9. Exhibitors must be at least nine (9) years old to enter the Kansas State Fair.
10. Recycled clothing project – an item made of at least 50% recycled material (recycled means reusing an existing item in a new way). Could be remaking/redesigning a garment, re-purposing a clothing item for a new use, etc. Must include sewing of some kind.
11. Limit of six (6) entries per exhibitor. Exhibitor may enter more than one (1) entry per class.

Classes

Junior Division (ages 7-9)

- C1. An article, garment or outfit constructed by exhibitor
- C2. Recycled clothing project (see #10. above)
- C3. Miscellaneous

Intermediate Division (ages 10-13)

- C4. An article, garment or outfit constructed by exhibitor
- C5. Recycled clothing project (see #10. above)
- C6. Miscellaneous

Senior Division (ages 14 & up)

- C7. An article, garment or outfit constructed by exhibitor
- C8. Recycled clothing project (see #10. above)
- C9. Miscellaneous

Department 17: **4-H Fashion Revue**

(Construction and Buymanship)

Judging— Tuesday, July 16, 4 p.m. , Kingman Mennonite Church

Public Fashion Revue— Sunday, July 21, 3 p.m., Kingman Historic Theatre

1. Exhibitors will model outfits and conference judge on Tuesday, July 16, 4 p.m. at the Kingman Mennonite Church.
2. Limited to one entry per class, no more than five entries (outfits) total combined, Constructed and Buymanship.
3. Exhibitors will model at a scheduled time.
4. All exhibitors must submit a 4-H Fashion Revue script and picture for each outfit with the pre-entry (July 10 deadline) or may be uploaded to the Fair Entry System.
5. Exhibitors 14 years of age and older must submit a Cost per Wear form for each outfit.
6. Ribbons and premium money will be awarded only to those exhibitors that participate in both the judging and Public Fashion Revue.
7. Only two (2) outfits will be modeled per exhibitor in the Public Revue. Please include outfit descriptions at pre-entry deadline.
8. Please bring all Fashion Revue outfits to Kingman County Expo Center on Wednesday, July 24 from 4-6 p.m. to be on display during the Fair.
9. All divisions will accept non-competitive Cloverbud entries.
10. Recycled Clothing Project – An item made of at least 50% recycled material (recycled means reusing an existing item in a new way). Could be remaking/redesigning a garment, re-purposing a clothing item for a new use, etc. Must include sewing of some kind.
11. Participants must be 14 years of age (4-H age) to participate in the State Fair Fashion Revue. Other stipulations apply. See Extension Office for details.
12. A Grand and Reserve Champion will be awarded at each level if quality merits.

Constructed

Majority of the outfit must be constructed and modeled by the exhibitor 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.

Constructed Garment Classes

Junior division (ages 7-9)

- C10. Single Garment
- C11. Outfit, 2 or more pieces
- C12. Recycled Clothing Project (see #10 above)
- C13. Miscellaneous

Intermediate Division (ages 10-13)

- C14. Single Garment
- C15. Outfit, 2 or more pieces
- C16. Recycled Clothing Project (see #10 above)
- C17. Miscellaneous

Senior Division (ages 14 & up)

- C18. Single Garment
- C19. Outfit, 2 or more pieces
- C20. Recycled Clothing Project (see #10 above)
- C21. Miscellaneous

Buymanship

Majority of the outfit must be purchased (not borrowed) and modeled by the 4-H 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.

Girls Buymanship Classes

Junior Division (ages 7-9)

- C22. Play or Sport Outfit
- C23. School/casual wear
- C24. Western wear
- C25. Dress outfit
- C26. Formal wear
- C27. Miscellaneous

Intermediate Division (ages 10-13)

- C28. Play or Sport Outfit
- C29. School/casual wear
- C30. Western wear
- C31. Dress outfit
- C32. Formal wear
- C33. Miscellaneous

Senior Division (ages 14 & over)

- C34. Play or Sport Outfit
- C35. School/casual wear
- C36. Western wear
- C37. Dress outfit
- C38. Formal wear
- C39. Miscellaneous

Boys Buymanship Classes

Junior Division (ages 7-9)

- C40. Play or Sport Outfit
- C41. School/casual wear
- C42. Western wear
- C43. Dress outfit
- C44. Formal wear
- C45. Miscellaneous

Intermediate Division (ages 10-13)

- C46. Play or Sport Outfit
- C47. School/casual wear
- C48. Western wear
- C49. Dress outfit
- C50. Formal wear
- C51. Miscellaneous

Senior Division (ages 14 & over)

- C52. Play or Sport Outfit

- C53. School/casual wear
- C54. Western wear
- C55. Dress outfit
- C56. Formal wear
- C57. Miscellaneous

State Fair Fashion Revue: Participants must be at least 14 years of age (4-H age) to participate. Other stipulations apply. See Extension Office staff for details.

Department 18: **4-H Fiber Arts**

Check-in, Wednesday, July 24, 4-6 p.m.

Judging, Thursday, July 25, 9 a.m.

Superintendent: Judy DeWeese

1. Identification Label:
 - Type or print on 3"x2.5" ID label: class number, county, and exhibitor's name.
 - Sew or safety pin this ID label on the corner of the article.
 - For garments, attach ID label to the front left shoulder seam, or left side of waistbands, as if you were wearing the garment, or lower left corner of flat articles.
2. A member may enter only one exhibit in each class.
3. When articles which are normally worn as a pair are exhibited, both articles must be shown together. Fasten articles together securely with yarn.
4. Special consideration will be given to articles which are of original design. Such articles should have a note attached explaining the original design.
5. The exhibitor may attach an index card, not larger than 3"x5", with the entry form to give the judge any information which the exhibitor thinks would be helpful for the judge to know. Indicate if made from a kit. Indicated fiber content, specifically if of at least 90% wool. For quilted items, indicate who did the quilting and binding.
6. Exhibitors are expected to be enrolled in the Fiber Arts project in which they are entered when the exhibit is a sewed garment that also includes some or more Fiber Art techniques (for example, knitting, crochet, needle arts, or patchwork and quilting). The determination of what division and class in which to enter will be left up to the 4-H'er.
7. All exhibits which need to be hung MUST have the appropriate hanger, rod, wire, or other mechanism attached in order to be properly displayed.
8. There are no age-specific classes in Fiber Arts. The exhibitor's age and years in the project will be considered by judges.
9. Grand & Reserve Champion will be awarded overall. Exhibitors must be at least nine (9) years old to enter the Kansas State Fair.

Classes

187. Crochet an article, including felted articles
188. Knitting, an article made either by hand or by knitting machine, including felted items
189. Needle Arts, an article created by hand using any of the following techniques (these are each considered separate classes):
 - A. embroidery and cross-stitch
 - B. needlepoint

- C. candle wicking
- D. crewel
- E. lace work
- F. appliqué
- 190. Patching and quilting, an article
- 191. Rug making, an article
- 192. Spinning and dyeing, a skein
- 193. Weaving, a woven article (woven reed basket should be considered a visual arts exhibit.
- 194. Ethnic arts, an article

This is defined as a Fiber Art/ Textile technique that is associated with a specific country or culture It is a practical skill that was developed to provide basic family needs such as apparel, home furnishings or decorations It is also defined as a method that has been maintained throughout history and passed on to others, often by observation and example, such as batik, Swedis huck towel weaving, felted items that are not knitted or crocheted, etc. Members should attach information on the history of the ethnic fiber art, where it was used, by whom, description of technique etc.

- 195. Macramé, an article
- 196. Other

Department 19: 4-H Fine Art Exhibit

**Check-in & Judging— Wednesday, July 24,
10 a.m.– 2 p.m. Kingman Expo Center, North Room**
Superintendents: Jeralyn Hill & Sukesh Kamesh

JUDGING TIMES BY CLUB

10 a.m.– Noon: Hawk, Vinita & Norwich

Noon– 2 p.m.: Cunningham and Whispering Willow

1. Read General Rules.
2. Artwork is to be original work.
3. This Department includes Sketching and Drawing (including Scratch Art), Printmaking, Mixed Media and Painting.
4. Up to 5 pieces of artwork may be submitted in any art medium(s), 2 or 3 dimensional artwork.
5. 2 Dimensional artwork must be matted or framed and suitable for hanging on pegboard display on the fair-grounds.
 - A. Artwork with metal saw tooth hangers eyelet screws , masking/duct tape, string/yarn hangers are not acceptable
 - B. The hanger on a frame should consist of a wire across the back attached to the eyelet screws on the backsides of the frame.
 - C. On lightweight art, depending on size, 1 or 2 adhesive clear plastic saw tooth hangers may be attached to the artwork. (These hangers can be found in the Frame Department at Hobby Lobby).
6. Art that does not have an appropriate hanger on the back will be docked one ribbon and will not be displayed.

Classes

- 197. Junior 7-9 years old
- 198. Intermediate 10-13 years old
- 199. Senior 14-18 years old

Department 20: 4-H Visual Art (Hobbies and Crafts)

Judging—Wednesday, July 24, 10 a.m. to 2 p.m.

Hobbies & Crafts Superintendents: Angie Beck

Jr Superintendent: Lexee Beck

Kingman Expo Center, North Room

JUDGING TIMES BY CLUB

10 a.m. - Noon: Cunningham & Whispering Willow

Noon - 2 p.m.: Hawk, Vinita & Norwich

1. Read all General Rules.
2. All articles must have been produced by the 4-H member and completed within the 4-H year.
3. A judging schedule will be determined following the pre-entry processing.
4. The 4-H member must be enrolled in the project and may submit 1-5 craftworks.
5. No duplicate entries will be accepted (for example, needlepoint key rings)
6. The 4-H Arts and Crafts will be judged on July 25 at the Kingman County Activity Center. A schedule will be determined following pre-entry processing.
7. Must be enrolled in the project. Ribbons will be awarded to each entry. Entries should show progress in 4-Her's work. No duplicate entries will be accepted (for example, needlepoint key rings).
8. All artwork must be titled and signed.
9. Ribbons will be awarded to each entry

Classes

200. Junior Crafts (7-9)

201. Intermediate Crafts (10-13)

202. Senior Crafts (14 & older)

203. Junior Recycled Crafts (7-9)

204. Intermediate Recycled Crafts (10-13)

205. Senior Recycled Crafts (14 & older)

Department 21:

4-H Home Environment

Check-In—Wednesday, July 24, 4-6 p.m.

Judging— Thursday, July 25, Noon

1. Read General Rules.
2. Articles may have been used before exhibited, but if so, shall be carefully laundered or cleaned before being exhibited.
3. Labels – a label containing the name, address, age and Fair number, and class shall be made to sew or fasten near the corner or edge of each article in the exhibit.

Classes

206. Single Exhibit — An article made or refinished by the 4 H member for the home. Include explanation of how it was made, cost, pictures, pattern etc. Describe how it fits into the color and design scheme of the room. Explanation will be considered in the total score

207. Poster

208. Notebook

Poster or notebook may include swatches, colors, stories, photographs and project records, which detail what was accomplished this year with a given indication of long term plans

209. Other

Department 22: 4-H Photography

Check-in – Wednesday, July 24, 4-6 p.m.

Judging – Thursday, July 25, Noon, Kingman Armory

Superintendent: Amber Zwierzychowski

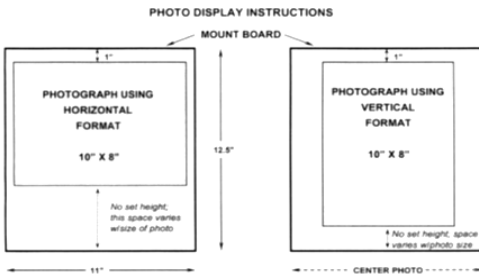
Volunteers: Maggie & Morgan Freund and Sarah Kelley

**Please sign up for conference judging time at check-in
on Wednesday, July 24**

1. Read General Rules.
2. All entries need to be checked in by Wednesday, July 24 by 6 p.m. in the entryway of the Activity Center.
3. Black-and-white prints and color photographs may be exhibited.
4. A maximum of two exhibits per class or 6 overall can be entered.
5. Photographs entered must be the result of the current year's project work by the 4-H member.
6. Photos are to be mounted across the narrow (11") dimension of an 11"x12.5" sheet of white or cream studio matte board regardless of the orientation of the photo (whether taken landscape or portrait, mount with the long side across). Do not use foam core board. Photos mounted on poster board will not be displayed. Photo matte boards are available for purchase through the Extension Office.
7. Remove the white border from the enlargement before mounting. All photos must be no larger than 8"x10" and no smaller than 7"x9" after trimming.
8. Photos must be mounted with the top edge of the print, 1" below the top of the mount. The sides of the print must be equal distance from the two sides of the mount.
9. A full coverage permanent (spray adhesive recommended or heat mount) must be made. Each photo is handled numerous times (up to 25) throughout the judging, sorting, display process.
10. No lettering is permitted on the front of the mount or on the photo – only on the entry card. No underlay's or borders are to be used. No contact prints on front of the mount.
11. To protect exhibits from dust and moisture, place mounted photo in a 2-gallon freezer-type bag. Drop entry cards into the bag in front of your photo so the entry card shows to the outside of the bag.
12. Photographs taken with a digital camera are to have no more adjustments than exposure, color intensity or correction, red eye removal, cropping, dodging and burning, and should be entered in the standard color or black-and-white classes. HDR photos are to be entered in the standard photo class.
13. Digital images that have had objects added or removed, filtered effects applied, or black-and-white and color combined must be entered in the class for computer manipulated images.
14. Conference judging will be Saturday at noon.
15. The black and white class is for black and white prints only. Monochromatic prints, including sepia prints, are considered color prints and must be entered in the appropriate class.
16. Photos must be ready for judging when they are turned in for entry. Matting and bagging materials will not be available at check-in.
17. Not following these rules will result in the lowering of one ribbon value.

18. Duplicate photos are not accepted – the same photos cannot be entered throughout the 4-H and Open Class divisions (this includes photos in which the finish has been manipulated, for example, color to black and white). NOTE: See diagram of proper photo mounting on this page.
19. Digital composite image: finished photo must be created from 2 or more original sources created by exhibitor
20. Appropriate photo subject matter: Photographic subject matter is expected to follow 4-H standards. For a sense of prohibited subject matter, review the Kansas 4-H member Code of Conduct; if it is not allowable at a 4-H event, it is not allowable in a 4-H photograph.
21. Photos with live subject(s) on railroad right of way or taken from railroad right of way property will not be displayed and will not be judged.
22. Copyright protections must be observed.
23. Decisions as to display and/or penalties will be made by the Photography Department Superintendent and the 4-H agent responsible for the Photography Department.

CORRECT PHOTO MOUNTING



Classes

210. Color Photos taken by a 4-H member with 3 years or less in the project
211. Color photos taken by a 4-H member with 4-7 years in the project
212. Color photos taken by a 4-H member with 8 or more years in the project
213. Digital Composite Image. Photo must be from two or more originals taken by the exhibitor. Exhibitor must include a second 11" x 12.5" matte board mounted with standard size print or prints (if more than one photo was used) of the original photo(s) and a 3"x5" card(s) explaining what manipulation was done. Optional, may include prints of editing steps. Photos showing editing steps may be layered place both matte boards in the same protective plastic bag.
214. Black and White Photos taken by a 4-H member with 3 years or less in the project
215. Black and White photos taken by a 4-H member with 4-7 years in the project
216. Black and White photos taken by a 4-H member with 8 or more years in the project

Department 23: 4-H Woodworking

Check-in – Wednesday, July 24, 4-6 p.m.

Judging – Thursday, July 25, Noon at Kingman Armory

Superintendent: Kayla Roth

1. Each exhibitor is limited to two exhibits per class with the total not to exceed three total exhibits in the woodworking project.
2. The plan from which it was constructed must be with the article exhibited. The plan may be a photocopy, the actual pattern, or a scale drawing. It must be complete and accurate to the extent that a duplicate article could be built using the plan as a guide. In addition, include a list and cost of materials, plus amount of time spent on construction and finishing the article. This list should include all wood, hardware, finishing supplies, etc. Please note a set of step by step instructions is not a plan.
3. Any project with missing or insufficient plans will be lowered one ribbon place (for example, a blue ribbon project will receive a red ribbon, etc.).
4. Any project that has glass that is not secured, such as glass shelves, glass top of a coffee table, etc., should not be brought to the Fair. Glass that is secured in a project, such as the glass front of a gun case or cabinet, etc. is permissible since it cannot be easily removed from the project.
5. Entry card, plans and all other paperwork should be secured to the project in some manner. Tape is usually not adequate to accomplish this, it is recommended to use a zip-top plastic bag with a hole punched through it with strings tying it to the exhibit.
6. Refinished/repaired furniture should be exhibited in the Home Environment Class.
7. With the exception of a Cloverbud entry, no 4-H member can exhibit from a pre-cut kit.

Classes

217. Article for farm or shop use.

218. Furniture for household or lawn use.

219. Other woodworking. Articles not included in above classes including any article made from a kit. Examples: birdhouses, bird feeders, household equipment such as knife racks, bread boards, door stops, etc. In judging woodworking articles, consideration will be given to: Woodmanship, including accuracy to the plan; Design; Choice of Wood, Suitability; Quality of Finish; and Usefulness.

Department 24: 4-H Exploring

Check-in – Wednesday, July 24, 4-6 p.m.

Judging – Friday, July 26, Noon

1. The 4-H Exploring exhibit is for boys and girls 7-10 years of age enrolled in the Exploring Project.
2. The exhibits may be any object in any phase of the project or the completed exploring manual, a chart, or poster.
3. Classes will be divided at the discretion of the judges and superintendents.

Classes

220. Exhibit consisting of completed exploring manual or chart or poster.

221. 4-H Exploring Exhibits

222. Beauty, Bugs, Birds and Buds

223. Building and Fixing

224. Exploring Around the Home

225. Plants and Animals

Department 25: 4-H Forestry

Check-in – Wednesday, July 24, 4-6 p.m.

Judging – Friday, July 26, Noon

Superintendents: Jenette, Kendall Rogers and

Sukesh Kamesh

1. All leaf exhibits (except senior class) are to be mounted on 8.5"x11" heavy stock paper and placed in loose leaf binders. (Magnetic or adhesive filler sheets for photographic prints are recommended.) Twigs and fruit collections may be exhibited in whatever manner you choose (maximum exhibit size 2'x3').
2. Name, club, age and year in project should be on front cover or in a prominent location.
3. Leaves should be identified with an appropriate label located near the leaf on the same page. These labels should include 1. the proper common name as listed in the 4-H Bulletin "List of Native Kansas Forest Trees;" 2. location (city and/or county) where collected; and 3. date (day, month, year) OR (month, day, year) collected.
4. Intermediate Forester. Exhibit only in phase(s) enrolled.
5. Senior Forester enrolled in Self Determined can exhibit in Self Determined Forestry at the Fair.
6. Divide specimens into the following two sections: Native Kansas Trees and Non-Native Trees.
7. New specimens are those specimens collected during the current 4-H year and cannot be a duplicate tree species of previously displayed specimens.
8. Group specimens according to the years collected (ex. "old-previous years" and "new").
9. Variations of varieties do not count as different species or specimens.
10. When replacing previously displayed samples, due to degradation, improper mounting or incorrect identification, the specimen label must also be updated. Replacements do not count as new specimens. Replacements should be displayed in the "old previous" section of the display.
11. If you retrieve information for your forestry exhibit, you must include a reference citation to the source.
12. In all leaf collections (Division A – Intermediate Forester), exhibit one complete leaf where possible. If leaf is too large, exhibit as much as possible. Sketch in reduced scale the entire leaf and illustrate where the exhibited portion is from. Note: A "leaflet" is incorrect when displayed as the complete leaf for the tree.
13. All work must show originality. Leaf collections and displays should not closely resemble work done by others in the same club.

Division A – Intermediate Forester

Knowing Trees as Individuals (Leaf Collections)

226. Beginning (Choose either A or B)

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

227. Intermediate (Choose either A or B)

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

228. Senior (Choose either A or B)

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

229. Advanced (Choose either A or B)

- A. Exhibit a minimum of 40 different leaves (including 20 new specimens) from native Kansas trees. Exhibit can include non-native leaves in addition to the required number of leaf specimens collected from native Kansas trees.
- B. Exhibit a minimum of 20 native Kansas trees showing leaf, twig and fruit from each species collected. This exhibit must include 10 new leaf, twig and fruit specimens.

How a Tree Grows

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

Tree Appreciation

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

Division B – Senior Forester

Growing and Protecting Trees

232. Display: Entry requires project notebook telling about project and pictures before, during and after planting seedlings. Maximum tri-fold is 3'x4'.

Tree Culture

233. Display: Entry requires project notebook showing your project work and includes pictures of before, during and after wood lot improvement. Maximum tri-fold size is 3'x4'.

How Forests Serve Us

234. Display: Entry may include collected wood samples (all or partial) and 500 word essay. Wood sample display to be mounted on poster board or any stiff material no larger than a 3'x4' tri-fold. Essay should be displayed in a covered binder.

Educational/Creative Exhibit

235. Display: Entry must be directly related to tree identification or Forestry. Type of exhibit is open (notebook, poster, collection box, etc.) given a maximum tri-fold size of 3'x4'. Care should be taken to use durable materials that will withstand State Fair conditions. This is a good class to exhibit an unusual collection.

Department 26: 4-H Energy Management

Check-in – Wednesday, July 24, 4-6 p.m.

Judging – Friday, July 26, Noon

Kingman Expo Center, North Room

1. All exhibits shall consist of items made during the present 4-H year.
2. Items that have been in use should be cleaned for exhibit.
3. A sheet of operating instructions must be furnished for

- any exhibit not self-explanatory.
4. Exhibit must be operable. If battery power is required, batteries must be furnished.
 5. Any project with a complexity of size or electronics must have A. instructions for assembly and use, and B. equipment available at the time of judging for actual testing of the exhibit.
 6. No hand-dipped solder may be used on exhibits.

Classes

236. 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 the quality and safety of workmanship.
237. DC Electric Projects: Electric projects with a battery or direct current power source. This class includes electric kits or original projects. This class also includes demonstration DC powered projects. Examples include: wiring two- or three-way switches, difference between series/parallel lighting circuits or wiring door bell switches. All DC electric projects must include batteries supplied by 4-Her. Projects must be constructed such that the judge has access to examine the quality of wiring workmanship.
238. Electronics Project: Electronics project with a battery or direct current power source. This class includes electronic kits or original projects. Examples include radios, telephones, toy robots, light meters, security systems, etc. May be constructed using printed circuit board, wire wrap, or breadboard techniques. Include instruction/assembly manual if from a kit. Include plans if an original project. Projects must be constructed such that the judges have access to examine the quality of wiring workmanship.
239. Electronic Educational Displays and Exhibits: This class includes any educational displays, exhibits or science fair projects which DO NOT have a power source, i.e. exhibits, posters or displays of wire types, conduit types, electrical safety, tool or motor parts identification or electrical terminology. Education displays and exhibits must be legible from a distance of four feet.

Small engines

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

240. Display: Exhibit a display, selecting one of the following options: 1) a display identifying different engine or lawn and garden equipment parts or a display showing the function of the various engine or lawn and garden equipment parts; OR 2) a display identifying and explaining the function(s) of different special tools needed for small engine work; OR 3) a display illustrating and providing the results of any one of experiments that are included in the project books. No complete engines, lawn tractors, tillers, chainsaws, etc. are permitted for

display. Maximum tri-fold size is 3'x4'.

241. Maintenance Exhibit: a display that illustrated either 1) Routine maintenance procedures or 2) Diagnosing and troubleshooting specific problems in an engine. No complete engines, lawn tractors, tillers, chainsaws, etc. are permitted for display, using a maximum tri-fold size of 3'x4'.
242. Operation Exhibit operable small engines (no more than 20 HP) overhauled or rebuilt by the member. Including maintenance schedule for the engine and a brief description of steps taken by the member overhauling or rebuilding the engine. Engine should contain no fuel in tank or carburetor.
243. Other – Other small engine project.

Note: No gasoline or diesel engines will be eligible to advance to the Kansas State Fair.

Alternative Energy

A form of energy derived from a natural source such as sun, geothermal, wind, tides or waves. All exhibits in this division are limited in size to standard, tri-fold, display boards (36"x48") and items may not extend beyond 12" from the back board. All displays must be self standing.

244. Educational Display: Create an exhibit that addresses a focused topic related to power generated from a renewable source. The purpose of the display is to create awareness and inform.
245. Experiment: Display an experiment addressing a problem or question related to power generating from a renewable source of energy included hypothesis, basic ground research, variables, a control data findings, conclusions and recommendations for future study.

Department 27: 4-H Spacetech Models and Aerospace (Rocketry)

4-H Spacetech Robotics & Computers

Check-in – Wednesday, July 24, 4-6 p.m.

Judging – Friday, July 26, Noon

4-H Spacetech - Astronomy

1. The 4-H member must be currently enrolled in the 4-H SpaceTech project to exhibit in this division.
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 two 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) of the telescope and place it inside the manila envelope. For notebooks, display boards, and posters, no additional exhibit information is required; no manila envelope is needed for these exhibits.
5. Two photographs showing telescope construction and operation are required. Photographs should be mounted on one side of an 8" x 11" page. A brief caption should accompany each photograph. Place photos in the 10" x 13" manila envelope.

6. The telescope must be properly assembled and painted with a smooth and uniform finish. Decals, if used, should be attached smooth and tight.
7. Telescopes designed by the exhibitor must be original, not a modification of an existing kit.
8. Educational displays should be creative and showcase something specific the 4-H member has learned in the Astronomy project during the current 4-H year. Follow copyright laws, as explained in the General Rules. Site your sources of scientific information on your exhibit, when appropriate.
9. If a safety violation is noted by the judges, superintendent, or other staff, the exhibitor's exhibit at the judges' discretion will receive a participation ribbon.
- A. Educational displays are not to exceed a standard commercial 3' X 4" tri-fold display board. Other odd sized-type displays (non-tri-fold) shall not exceed 30" x 36". Care should be taken to use durable materials that will withstand State Fair conditions. No electricity will be provided.
- B. Exhibitor's name, county or district, age, and year(s) in project must be tagged or labeled in a prominent location on the telescope stand, educational display, notebook, and/or poster.
- C. Astronomy educational posters must be no larger than a 22" x 28" poster board.
- D. Astronomy project notebooks must be organized in a 3-ring binder.
- E. For notebooks, display boards, and posters, no additional exhibit information is required; no manila envelope is needed for these exhibits.

Classes

246. Telescope made from kit
247. Telescope made from original design
248. Astronomy Educational Display
249. Astronomy Educational Notebook
250. Astronomy Educational Poster

4-H Spacetech – Rocketry

Exhibit Information for ALL rocketry categories:

1. Relevant documents may be obtained from County Extension Offices or from www.KansasSpaceTech.com.
2. NAR refers to the National Association of Rocketry and its governing board.
Tripoli refers to the Tripoli Rocketry Association and Governing board
3. AH NAR documents, with the exception of the "pink book," referenced herein can be found at <http://www.nar.org>.
4. If a burn ban is in effect for any county in Kansas, exhibitors in any Kansas County are not required to launch their rocket(s). All requirements for the launching of rockets for the fair and the documenting of the launching are suspend for the duration of the ban.

Exhibit Definitions for ALL rocketry categories:

1. As defined by the National Association of Rocketry (NAR), a scale model is "any model rocket that is a true scale model of an existing or historical guided missile, rocket vehicle, or space vehicle." The intent of scale modeling is, according to the NAR, "to produce an accurate, flying replica of a real rocket vehicle that exhibits maximum craftsmanship in construction, finish, and flight performance." (NAR "Pink Book" 50.1 4-1)
2. Adult supervision is defined as being under the direct supervision of someone 18 years of age or older.

3. For the purposes of Kansas 4-H SpaceTech a mid-powered rocket is defined as a rocket that uses 'E', 'F', 'G' or equivalent engine for launch. In addition, rockets also qualify for mid-power if they meet any of the following criteria:
 - A. Is 2 inches or greater in diameter (not including fins) and taller than 3 feet (36 inches including fins) and do not use and engine(s) exceeding 160.01 Newton Seconds of total impulse (an 'H' engine equivalent or above).
 - B. The total impulse of all engines used in the rocket is greater than 20.01 Newton-seconds and less than 160.01 Newton-seconds.
4. For the purposes of Kansas 4-H SpaceTech a high powered rocket is defined as a rocket that meets any of the following criteria:
 - A. Weighs more than 3.3125 pounds (53 ounces or 1500 grams) at the time of launch;
 - B. Uses an 'H' engine or larger to launch
 - C. The total impulse of all engines used in the rocket is greater than 160.01 Newton-seconds of thrust.
 - D. Includes any airframes parts of ductile, metal, though the use of ductile metal is strongly discouraged.
 - E. Models powered by rocket motors not classified as model rocket motors per NFPA 1122, e.g.:
 - i. Average thrust in excess of 80.01 Newtons
 - ii. Contains in excess of 125 grams of propellant and are limited to only H and I motors.
 - iii. Uses a hybrid motor or a motor designed to emit sparks
5. High power certification is defined as having successfully completed a certification program for highpowered rocketry through the NAR or Tripoli and maintaining that certification. This applies to all membership levels in the NAR and Tripoli. Specifically the "Formal Participation Procedure" for the "Junior HPR Level 1 Participation Program" as outlined by the NAR and the "Tripoli Mentoring Program (TMP) as outlined by Tripoli".
6. NAR rules for launching and construction of all rockets are assumed to be used by all 4-H SpaceTech exhibitors and will be considered during judging.
7. For the purposes of Kansas 4-H SpaceTech, NO rocket may be launched using engines totaling more than an "I" impulse engine or 640 Newton-seconds of total thrust.

Exhibit Rules for ALL rocketry categories:

Purpose: These rules apply to how rockets are to be displayed at the fair and what those displays should and should not contain. These rules apply to all rockets displayed in the SpaceTech division.

1. 4-H members must be currently enrolled in the 4-H SpaceTech-Rocketry program to exhibit in this division.
2. Entries must have been selected at the county level for entry at the State Fair. Counties/Districts should select top blue or purple ribbon rocketry exhibits which meet Kansas State Fair guidelines.
3. 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 a and the second may be entered into any other applicable class. An exhibitor may not enter two rockets in the same class.
4. The report that accompanies the rocket must be limited to the 4-H SpaceTech Rocket Exhibit Information Form which is affixed to a 10" x 13" envelope. This envelope should NOT be attached to the rocket stand or rocket. The information form should be signed by the exhibitor. This may be downloaded from www.KansasSpaceTech.com . Any rocket exhibit not including this completed envelope will receive an automatic participation ribbon.
5. Plans (or a photocopy) must be placed inside the envelope.
 - A. This includes original design rockets.
 - B. If a rocket kit has been modified structurally, (Which must provide all necessary details to construct an original design rocket). Notations need to be given indicating the changes made, either by notations on the Rocket Exhibit Information Form or by placing notes in the plans. Such modifications require the rocket to be swing tested and documented to show a stable flight.
6. One or more photographs of the rocket during construction and at the launch site are required.
 - A. Photographs showing the rocket at the moment of ignition are preferred.
 - B. Photographs must be mounted on one side of 8 1/2 x 11" page(s).
 - C. There must be at least 1 page of photos and no more than 5 pages of photos.
 - D. Include at least one photo showing rocket construction, preferably with the exhibitor included.
 - E. Do not include photos of members catching their rockets as they return to earth. This is an unsafe practice, and we do not recommend or condone this practice.
 - F. Pictures at the launch site are not required in the event of a burn ban.
7. To exhibit in this division:
 - A. The rocket must have been flown, unless a burn ban is in effect
 - B. Support rods must not extend past the tip of the highest nosecone on the model.

- C. Support rods must remain in the upright position, 90 degrees to the display base, do not angle. If support rods are not perpendicular to the base, the judge should deduct two ribbon placings.
 - D. No model may be submitted on a launch pad.
8. Launches should not be conducted in winds above 20 mph, and will constitute a disqualification of rocket exhibit.
 9. All rockets must have a safe method of recovery, e.g., parachute, streamer or tumble recovery. Any rocket without a recovery system will be disqualified.
 10. The altitude achieved by the rocket is to be determined using a method other than estimation. Examples of accepted methods include altimeter, computer software, range finders, etc. If additional space is needed to show calculations of how the altitude was achieved one additional page may be added to the rocketry information pack.
 11. Flight damage is to be documented by the participant on either the construction plans or the 4-H SpaceTech Rocket Exhibit Information Form.
 12. The judging of flight damage is to be secondary to all other aspects of the model and only then may it even be considered. However under no circumstance may flight damage be grounds for disqualification.
 13. Engines and igniters, under any circumstance, ARE NOT permitted with the exhibit and constitute an immediate disqualification.
 14. If an engine becomes stuck, jammed, wedged, or in any other way permanently affixed in or to a rocket and cannot be removed from the rocket, the rocket will be subject to immediate disqualification. This is because it is not possible to make a full and immediate assessment of the safety of the rocket when it is being judged and safety is paramount.
 15. Engines may not be used as display stands hollowed out or otherwise. This is a significant change from previous years' rules. Engines used as a display stand will be subject to immediate disqualification.
 16. Rocket engines should not be used to join multi-stage rockets together.
 - A. Multi-stage rockets can be displayed without having the stages connected together. In that case the final stage (the one with the nose cone) should be placed on the display stand, and other stages with a loop of string to the display stand.
 - B. The different stages must be included to complete the rocketry exhibit, incomplete exhibits will be deducted at least one ribbon placing.
 - C. Use of any engines to join the stages together will be subject to immediate disqualification.
 17. Multi-stage rockets can be flown using just the final stage and be considered fully flown.

18. If a safety violation is noted by the judges, superintendent, or other staff, the exhibitor's rocket, at the judges' discretion, will receive a participation ribbon. All information necessary will be given to the NAR and/or TRIPO-LI for investigation and possible revocation of membership.

Construction Rule for All Rockets:

Purpose: These rules apply to the construction of all rockets displayed in the SpaceTech division.

1. Rockets are to be properly assembled according to the assembly instructions.
2. Beginner kits with prefabricated fin assemblies and pre-finished rockets requiring no painting are not acceptable, and will be disqualified.
3. Plastic snap together fins and prefabricated fin assemblies that do not require fin alignment are not acceptable, and will be disqualified.
 - A. This rule does not apply to plastic fins that must be manually aligned and do not utilize a fin alignment mechanism, including, but not limited to fin alignment rings or spacing blocks.
 - B. This rule does not apply to fiberglass, Kevlar, extruded foam, composite, or wood fins; especially when used for "through-the-wall" fin attachment techniques that are common in larger rockets.
 - C. In addition, plastic parts for decorative and mechanical purposes (i.e. decorative nozzles and moving landing struts) are not considered fins and can consist of plastic. Decorative nozzles, etc. need to be securely fastened and not pose a safety hazard.
 - D. Fin assemblies that are printed using a 3D printer are excluded from this rule. Through detailed instructions on the creation of the fin assemblies must be provided an additional page of photos may be included to show the creation/printing of fin assemblies.
4. Angles of fins must fall within a plus or minus 2 degree variation using an approved fin alignment guide (such as KSSTAC10). An official fin guide is available from www.KansasSpaceTech.com.
5. Fins should be rounded or streamlined according to instructions. If the other edges are rounded to reduce drag on all exposed sides, there should be no ribbon deduction, unless instructions indicate to leave flat.
6. Fins and body tubes are to be sealed with sanding sealer and/or primer to eliminate the appearance of body grooves and wood grain.
7. Fins and Launch lugs are to be filleted to reduce drag and properly secure them to the mode.
8. Engine mounts are to be securely attached to the body tube

9. Any seams on plastic parts are to be sanded smooth.
10. Body tubes/airframes/engine mounts can be made from suitable materials, including, but not limited to: reinforced paper, cardboard, phenolic resin, specialized polymer resins, fiberglass, Kevlar, or other suitable structural materials. However foam may not be used for external body or other external rocket parts.
11. The nose cone is to fit snugly but still allow for easy removal.
12. Exhibits must be uniformly painted and smoothly finished or finished as per rocket instructions, and have decals applied smoothly.
13. Non standard surfacing (such as textured paint) may be used if directed by the instructions, this includes scratch built rockets.
14. Models may not be judged based on their paint scheme (colors and placement on the rocket), with the exception of rockets that fit the definition of a "scale model." All other rockets do not have to follow the suggested paint scheme, allowing the 4-H'er to display maximum creativity in the finishing of their rocket, Under no circumstances is the weight given to the paint scheme to be sufficient enough, by itself, to move the model from one ribbon placing to another.
15. "Scale models" may be judged based on their paint scheme. The judge may deduct up to one ribbon placing for not following the paint scheme.
16. Scale Model Rockets are to be finished and completed with a majority (greater than 70%) of decals.
17. If a modification is made to the rocket, for example, adding a fin, a swing test must be conducted on the rocket, and the documentation provided. Failure to test and document flight stability following modifications will result in two ribbon placing deductions.

Model Rocketry Specific Guidelines (ages 9 and up):

Purpose: Model rockets are generally small-to-medium sized rockets that can be purchased at hobby stores or are small-to-medium sized model rockets that an individual(s) builds from parts similar to those found in model rocket kits.

1. Rockets classified as high or mid powered may not be entered in this category.
2. Each rocket must be able to stand freely by itself or be supported by a solid base, not to exceed 4-1/4" (four and one quarter inch) thick and 8" square. The exhibitor's name, county or district, and age must be labeled on the top of the base. Rod materials should be sturdy, and not made of flimsy materials, such as coat hangers
3. If the model rocket is greater than 4 feet tall it can be displayed without a base, or displayed parallel to the ground with up to 3 notched blocks not to exceed 4" in height width and depth. The exhibitor's name, county or district, and age must be labeled on the base(s).

4. All exhibitors must comply with the NAR Model Rocket Safety Code that is in effect as of October 1st of the current 4-H year. However in the event that there is a modification in this code, the SpaceTech Action Team may review and implement the modified code.

Original Design Specific Rocket Guidelines (ages 11 and up):

Purpose: To allow for youth to develop their own rockets (model, mid, and high powered) in a safe manner that displays maximum craftsmanship.

1. Original design rockets cannot be a modification of a pre-existing kit and must be of original design.
 2. Original design rockets must be designed by the exhibitor (s).
 3. Original design rockets must include detailed instructions, so that someone could construct the original designed rocket just like a kit purchased at a store. Instructions can be as many pages as needed to convey full and complete construction techniques.
 4. Original design rocket instructions should not include copies of instructions in part or in whole from existing kits.
 5. For a rocket entered in the original design classes, describe in the summary how the rocket was tested for stability prior to flying. Swing testing for rocket is required, must include documentation of the swing test. Failure to swing test a rocket will result in a deduction of TWO ribbon placings.
 6. Up to 4 additional pages can be added to the rocketry information pack detailing the test(s) performed to insure stability. 4-H'ers are strongly encouraged to provide as much detail as possible. Failure to provide adequate written documentation will result in a disqualification.
- ous manufacturers and hobby suppliers.

Classes

Division A - Exhibitors 9 through 13 years old

251. Rocket made from kit. Include plans.

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

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

Division C - Exhibitors 14 years and older

253. Rocket made from kit. Include plans.

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

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

Division D - Exhibitors 11 years and older

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

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

Mid-Power Rocketry (2x'D' to 'G' Engines) Guidelines:

Purpose: To allow for improved safety and judging of rockets that meet the requirements of 4-H mid-power rockets.

1. Exhibitors must be at least 14 years of age by January 1 of the current year.
2. The rules for ALL categories apply
3. In addition to the information packet completed for all rockets, a high/mid power information form is to be completed and placed inside of the information packet. This may be downloaded from <http://www.kansas4-H.org/>. Click on KSF Packet Link
4. Exhibitors in this division must hold memberships in either NAR or Tripoli organizations.
5. The NAR Model Rocket Safety Code applies to the construction and launching of all rockets displayed in this division. As such all exhibitors must comply with the NAR Model Rocket Safety Code that is in effect as of October 1st of the current year. However in the event that there is a modification in this code the SpaceTech Action Team may review and implement the modified code.
6. All rockets in this division are to be launched under adult supervision by the 4-H member who constructed the rocket.
7. High power rockets are defined above ('H' or 'I' engines) may not be launched in this division.
8. If according to Federal Aviation Regulations Part 101, a waiver is required to fly the rocket, a copy of that waiver is to be attached to the High Power Information Form. In the case where the launch was a public event a substitute to a copy of the waiver is the Range Safety Officers (RSO's) contact information.
9. Mid-Power rockets may be displayed without a supporting stand. If a supporting stand is used, it is not to exceed 4-1/4" (four and one-quarter inch) thick and 9" square. The exhibitor's name, county or district, and age must be labeled on the base.

Division E - Exhibitors 14 years and older

257. Mid-Power rocket made from a kit or original design

High Power Rocketry ('H' or 'I') Guidelines:

Purpose: To allow for improved safety and judging of rockets that meet the requirements of 4-H high power rockets.

1. Exhibitors must be at least 14 years of age by January 1 of the current year.
2. The rules for ALL categories apply.
3. In addition to the information packet completed for all rockets, a high power information form is to be completed and placed inside of the information packet. This may be downloaded from <http://www.Kansas4-H.org>. KSF Packet link (we use the same forms on the county level as at the State level).

4. Exhibitors in this division must hold memberships in either NAR or Tripoli organizations.
5. The NAR High Power Rocket Safety Code applies to the construction and launching of all rockets displayed in this division. As such all exhibitors must comply with the NAR High Power Rocket Safety Code that is in effect as of October 1st of the current 4-H year. However in the event that there is a modification in this code the SpaceTech Action Team may review and implement the modified code.
6. All rockets in this division are to be launched under adult supervision by the 4-H member who constructed the rocket
7. For Rockets launched using an engine(s) that have 160.1 ("H" engine or equivalent amount of smaller engines) Newton's-seconds or larger, adult supervision must be provided by an individual having at least a level 1 high power certification.
8. The 4-H member should also hold or be attempting to attain their level 1 high power certification, and should include supporting documentation of such (a copy of Level 1 card is sufficient).
9. If according to Federal Aviation Regulations Part 101, a waiver is required to fly the rocket, a copy of that waiver is to be attached to the High Power Information Form. In the case where the launch was a public event a substitute to a copy of the waiver is the Range Safety Officers (RSO's) contact information.
10. High Power Rockets may be displayed without a supporting stand. If a supporting stand is used, it is not to exceed 4-1/4" (four and one-quarter inch) thick and 8" square. The exhibitor's name, county or district, and age must be labeled on the base.

Division F -Exhibitors 14 years and older

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

4-H SPACETECH – UNMANNED AERIAL SYSTEMS

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

1. The 4-H members must be currently enrolled in the 4-H SpaceTech project to exhibit in this division.
2. Each exhibitor may enter one exhibit per class. Exhibit must have been completed during the current 4-H year and have been selected at the county level for entry at the State Fair level. Counties or district should select only top blue or purple ribbon exhibits which meet State Fair guidelines.

3. The information that accompanies the UAS must be limited to the 4-H SpaceTech 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. Any UAS exhibit not including this completed envelope will receive an automatic participation ribbon.
4. Exhibitor's name, county or district, age, and years(s) in project must be tagged or labeled in a prominent location on the exhibit, educational display, notebook, and/or poster.
5. Unmanned 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. If a safety violation is noted by the judges, superintendent, or other staff, the exhibitor's exhibit, at the judges' discretion, will receive a participation ribbon.

Division A – Junior, 9-13 years old

259. Unmanned Aerial System designed and constructed by exhibitor that is operated by a remote controlled device. The UAS must not be a mere modification of an existing kit or plan. You may not exhibit a UAS that is purchased off the shelf in this class.
260. Practical application of an Unmanned Aerial System constructed from a commercial (purchased) kit. This includes the UAS, plus one or more of the following: video, notebook, poster, display board, etc. This class is separate from educational exhibits. A tangible use would be mapping Russian olive trees, eroded soils, and bindweed in fields, etc. There are also many other non-agricultural UAS uses that would be appropriate for this class.

Division B – Senior, 14 years and older

261. Unmanned Aerial Systems designed and constructed by exhibitor that is operated by a remote controlled device. The UAS must not be a mere modification of an existing kit or plan. You may not exhibit
262. Practical application of an Unmanned Aerial System constructed from a commercial (purchased) kit. This includes the UAS, plus one or more of the following: video, notebook, poster, display board, etc. This class is separate from educational exhibits. A tangible use would be mapping Russian olive trees, eroded soils, and bindweed in fields, etc. There are also many other non-agricultural UAS uses that would be appropriate for this class.

Rocketry Educational Exhibits - Posters, Notebooks and Display Boards

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

1. The General Exhibit rules for ALL categories apply.
2. Entries must have been selected at the county level for entry at the Kansas State Fair. Counties/Districts should select top blue or purple ribbon Educational Rocketry Exhibits which meet State Fair guidelines.

3. For notebooks, display boards, and posters, no additional exhibit information is required; no manila envelope is needed for these exhibits.
4. Exhibits may not consist of only a rocket, but must contain substantial supporting educational material in the form of posters, notebooks, or display boards, etc.
5. Displays should be creative and showcase something specific you have learned in the Rocketry project during the current 4-H year.
6. Follow copyright laws, citing all sources of information in a standard notation on the "4-H Educational Rocketry Exhibit Information Form." Additional pages can be added inside the Information Packet and should be labeled "Citations." Site your sources of scientific information on your exhibit, when appropriate.

Educational Display

263. Rocketry Educational Display

4-H Spacetech - Computers

1. The 4-H computer project teaches concepts related to computers, hardware knowledge, software programming and applications, internet safety, the building, maintenance and repair of computers and future career opportunities. Please note that the actual construction of computer hardware (i.e., building a computer, electronic devices with a mother-board based manipulation) will remain in the Energy Management division.
2. Educational display boards, posters and notebooks should be creative and showcase details about the knowledge learned in the computer project. Value is placed on youth who can demonstrate how their skills have increased while completing the project.
3. Each exhibit will be judged on uniqueness, creativity, neatness, accuracy of material, knowledge gained, and content. An exhibit judging score sheet will be available at www.kansasspacetech.com.
4. Follow copyright laws, as explained in the General Rules as you are preparing your exhibit(s). Site your sources of scientific information on your exhibit, when appropriate.
5. For notebooks, display boards, and posters, no additional exhibit information is required; no manila envelope is needed for these exhibits, as in some phases of SpaceTech.
6. Educational posters must be no larger than 20" x 30" poster board.
7. Educational displays are not to exceed a standard commercial 3' x 4' tri-fold display board. Commercially available "Science Fair Presentation Boards" are encouraged. Exhibitors are encouraged to laminate all posters and diagrams or cover them with clear plastic film. Any 3-dimensional exhibit may not be thicker than 1".
8. Project notebooks must be organized in a 3-ring binder.
9. Exhibitor's name, county, 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. If the notebook illustrates the creation, talks about, or shows the result of an app, application, executable, program, or other compiled /interpreted “source code,” a copy of the source code should be included. (In other words if you created an app for a smart phone and you’re illustrating that app, you should include the code you used to build the app). Failure to include a copy of the “source code” may result in up to one ribbon place deduction.

Classes

- 264. Computer Educational Poster
- 265. Computer Display Board
- 266. Computer Notebook

Computer system classes

The Kansas 4-H SpaceTech Computer Systems portion of the computer project is designed to allow 4-H members to explore how information is moved from one part of the computer to the other; how information is moved between two or more computer systems (networking); how information is stored; or how information is acted on (programming). Any item which is not a notebook, display board, or poster displayed in this class is considered a “computer system” exhibit and MUST follow the rules set forth below.

1. All exhibits must be:
 - A. self-contained on a USB drive (thumb drive, flash drive, jump drive, or other any other name for a small USB storage device; the rules will use “USB drive”). This means that a judge can plug in the USB drive into a computer and be able to run the exhibit as described below.
 - OR
 - B. System-On-A-Chip (SOC) (such as Raspberry Pi) or a Micro-Controller (such as an Arduino or Ozo bot) AND is a compact (less than 4”x4”x4”) system, which can be programmed AND requires minimal assembly to operate (e.g. connecting power, display, and keyboard/mouse cables). Referred to as a “chip system” through the rest of the rules.
2. Physical computers such as tablets, smartphones, laptops, or personal computer (PCs) will not be accepted as an exhibit.
3. “Chip Systems” may use/include GPIO bread boards or HATs (Hardware Attached On Top) the size of which is not included in the size of the chip system, however the total size of the chip system and GPIO devices may not exceed 24”x24”x24” including and display cases.

4. Any attached GPIO devices are not judged for electrical construction or quality as this division is focused on the operational aspects of the systems that have automated reticulated structures (arms, wheels, grippers, etc.) which the exhibitor constructed, can be classified as a robot, and the exhibitor must decide which division to exhibit in as the exhibit may not be entered in both divisions.
5. For chip systems, all electrical components of the system must be adequately covered or concealed with a protective enclosure. Paper is NOT considered an adequate enclosure or covering for electrical components.
6. All revisions of all forms previously released for the SpaceTech division either undated or dated prior to 2015 are void for use and new forms must be obtained and used that are dated by the Kansas State 4-H Office for the current year. Use of old forms will result in the loss of one ribbon placing for exhibits.
7. For all computer system entries (those entries not covered by the rules above) the following items are required as part of an exhibit packet:
 - A. A manila envelope with the Computer Exhibit Form attached to the front, this form can be downloaded at www.KansasSpaceTech.com.
 - B. A USB drive labeled with the 4-H'ers name, county/district, and club; in a way that does not prevent it from being plugged into a computer.
 - C. At least one (1) graphic (picture, screen shot/capture, slide, etc.) of the project must be printed out on an 8.5" X 11" sheet of standard computer paper, **placed in a plastic sheet protector**, to allow for proper display and recognition at the Kansas State Fair. 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-H'er's name, county/district, and club should be listed.
 - D. Instructions to run any part of the exhibit on the USB drive. (There should be at least three (3) items in your manila envelope: USB drive, graphic and instructions).
8. Each exhibit must be accompanied by a "4-H Engineer's Journal." The engineer's journal should be typed. It can either be included electronically on the USB drive (preferred) or printed and placed in the manila envelope
 - A. The "4-H Engineer's Journal" should start with a dated entry describing what the 4-H member is trying to accomplish/build.
 - B. The "4-H Engineer's Journal" should conclude with a dated entry describing what the 4-H member achieved in creating. (The start and end many times will be different. The judges are interested in the journey).

- C. Additional entries in the “4-H Engineer’s Journal” should be made as progress occur describing successes and failures; as well as the steps done and any sources of information including links used.
 - D. Pictures can also be included in the “4-H Engineer’s Journal” but should not be more than 50% of the entries.
 - E. The “4-H Engineer’s Journal” should contain at least one graphic.
 - F. The “4-H Engineer’s Journal” must be at least 3 pages in length.
 - G. An example of a “4-H Engineer’s Journal” can be found at www.KansasSpaceTech.com.
 - H. The “4-H Engineer’s Journal” will comprise 50% of the overall exhibit score. Failure to include a “4-H Engineer’s Journal” will result in the exhibit being disqualified.
9. If the exhibit is a program, application, app, web site, or requires any coding, the source code must be included on the USB drive.
 10. Diagrams or decision trees showing the logical flow of the system must be included on the USB drive for all exhibits. A set of instructions must be provided to run the computer system/application. These instructions should be printed off and included in the exhibit package and a copy should be included on the USB drive.
 11. 4-H’ers shall bring a computer that will run their project to the fair for judging as judges typically do not bring computers with them. Operating instructions are still required.
 12. Instructions should be written as though you were helping a less techy person (like a grandparent) use the USB drive with a computer similar to what is described in rule 25 below. An example of instructions can be found at www.KansasSpaceTech.com.
 13. Each exhibit must accomplish a specific automated task using a computer, a chip system or virtual machine (VM).
 14. Kanas State Fair Judge(s) in the computer systems division will have a physical computer with the following minimum configuration to test and view files:
 - A. Microsoft Windows ®10
 - B. Microsoft Office ® Home 2010 (Excel, Power point and Word)
 - C. Microsoft Internet Exploerer ®
 - D Mozilla Firefox ® Browser
 - E. Google Chrome ® Browser
 - F. Java For Windows
 - G. Adobe Acrobat ®
 - H. Apache OpenOffice ®
 - I. VMware Player Windows 64bit
 - J. Scratch Desktop editor (offline version)

15. 4-H'ers should not assume that the computers in rule 9 have Internet connectivity and that any parts of the exhibit that require Internet access will not work. It is strongly recommended that 4-H'ers test exhibits on a computer with Internet connectivity disabled.
16. Kansas 4-H SpaceTech has made available Linux Virtual Machines (VMs) that can be downloaded and used to create projects on such as web servers, networking, and many other projects. For more information on how these VMs can be leveraged or to download them visit www.KansasSpaceTech.com. 4-H'ers are not required to use the VMs in their projects, they are optional.
17. All licensing should be adhered to for any software used in the exhibit. Failure to do so will result in a reduction of one ribbon placing and may not be considered for best of show.
18. 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.
19. Pictures or still graphics created are not eligible for entry as a project in this division, and should be entered in the appropriate photography division.
20. Judging will be based on a score sheet which can be found at www.KansasSpaceTech.com. There are four (4) areas each exhibit will be judged on. They are:
 - A. 4-H Engineers Journal (what I learned to make it work), 50% overall score
 - B. Instructions (how I help others make it work), 25% overall score
 - C. Functionality (does it work), 12% overall score
 - D. Diagrams (and code if applicable) (how I think it works), 13% overall score

Classes

267. 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').
268. Computer presentation (power point, web page/site, animated graphics, etc.).
269. Single computer system (web server, data base server, etc.).
270. Networked system consisting of two or more computers
271. Chip system— a small (4"x4"x4") programmed physical device that accomplishes a specific task

4-H Spacetech - Robotics

1. Each robot must be free standing, without the need for additional supports in order to be moved or exhibited.
2. Robots must have automated reticulated structures (arms, wheels, grippers, etc.). Game consoles that display on a screen are not considered robots and should either be entered in computer systems division or energy management project. Robots requiring no assembly, just programming, such as Ozobots, are considered computer systems projects as the skill is focused on the programming not the construction of the robot.
3. Robot dimensions should not exceed 2 feet high, by 2 feet wide, by 2 feet deep. Weight may not exceed 15 lbs. If displayed in a case (not required or encouraged) the outside case dimensions may not be more than 26 inches in height, width, or depth.
4. Materials including but not limited to obstacles, spare batteries, and mats for testing the robot may be placed in a separate container, which is not included in the robots dimensions, that container may not be larger than 576 cubic inches as measured along the outside of the container. (Examples: 4"X4"X26 or 4"X8"X18" or 6"X6"X16"). The container, if used, and/or any large objects (such as mats or obstacles) should be labeled with the exhibitors name(s) and county or district.
5. All electric components of the robot must be adequately covered or concealed with a protective enclosure. Paper is NOT considered an adequate enclosure or covering for electrical components.
6. Robots may be powered by an electrical, battery, water, air or solar source only. Junk drawer robots may be powered by a non-traditional power source. Robots powered by fossil fuels/flammable liquids will be disqualified. Robots that include weaponry of any kind will be disqualified. Weaponry is defined as any instrument, possession or creation, physical and/or electrical that could be used to inflict damage and/or harm to individuals, animal life, and/or property.
7. Remote controlled robots are allowed under certain conditions provided that the robot is not drivable. Remote controlled cars, boats, planes and/or action figures, etc. are not allowed.
8. Each robot must be in operable working condition. The judges will operate each robot to evaluate its workmanship and its ability to complete the required tasks for this current 4-H year. In the event the robot uses a phone, tablet or similar device for programming AND control of the robot, a video will be used to evaluate the working condition of the robot. Each exhibitor is required to complete the "4-H SpaceTech Robotics Exhibit Information Form" which is available through your local K-State Research and Extension office. This form must be attached to the outside of a 10"x13" manila envelope.

9. The exhibit must include written instructions for operation (the instructions should be written as if they were to tell a grandparent or elderly person how to operate the robot), construction plans, and one to three pages of project photographs. In addition a 5 minute video presentation placed on a CD, DVD, USB drive or similar removable storage device, if applicable. For robots that can be programmed, robot programming information must be included, This information should be placed inside the 10"x13" manila envelope mentioned above. The exhibitor may enter their electronic project listed under the electric program as under the SpaceTech robotics project if the exhibitor so chooses. No exhibitor will be allowed to set up their robot in person.
10. In the event that the robot uses a device like a phone, iPad, or tablet for programming AND operation, DO NOT include the device (phone, tablet, etc.). The devices safety cannot be insured. Instead record a video demonstrating the instructions included for your robot. It should show, setting up the robot, starting the robot, the robot executing its task, and powering off the robot, just like the instructions are written.
11. Creativity, workmanship and functionality will be strong criteria in judging the "Robot designed by Exhibitor" classes. All robot should have a purpose intended function, examples include, but are not limited to: following a line, sweeping the floor, solving a rubix cube, sorting colors, or climbing stairs.
12. Exhibitor's name(s) and country or district must be tagged or labeled in a prominent location on the robot
13. There are no county or district boundaries that must be adhered to in order to form a Kansas 4-H SpaceTech Robotics team. However, as mentioned in #1, each team member must be currently enrolled in the Kansas 4-H SpaceTech project.
14. If a safety violation is noted by the judges, superintendents, or other staff, the exhibitor's exhibit, at the judges' discretion will receive a participation ribbon.

Classes:

R1-Robot made from a commercial (purchased) kit.

R2-Robot designed and constructed by exhibitor.

The robot must not be a mere modification of an existing robot kit or plan.

R3-Programmable robot made from a commercial (purchased) kit.

R4-Junk Drawer Robotics-based curriculum robot.

R5-Robotics Educational Display

R6-Robotics Educational Notebook

R7- Robotics Educational Poster

Department 28: 4-H Banner Exhibit

Hanging – Wednesday, July 24, 4-6 p.m.

Judging – Friday, July 26, Noon

1. Each 4-H Club has been given the opportunity to enter a banner.
2. Basis of Award:
 - Education Value40%
 - Interest & Originality 20%
 - Appearance.....20%
 - Quality of Display.... 20%
3. Each banner should illustrate a phase of 4-H work which is being practiced by 4-H youth or promote 4-H generally.
4. Banners are 2-dimensional display, depicting 1 idea.

Guidelines

1. Dimensions are to be no less than 12 sq. feet and no more than 16 sq. feet, with no side less than 3 feet.
2. Banners must be hung on a rod strong enough to support the banner. On each end of the dowel rod there must be a 6-inch long chain with an "S" hook on the end.
3. Banners should be made of non-flammable material that permits the banner to be folded or rolled without damaging the display. Objects may not be attached to the front of the banner.
4. Attach a label to the front lower left-hand corner of the banner (as you face it), giving the name of club and county. Lettering should be 2 inches in height.
5. Banners will be picked up by the Extension Office for display
6. Banner cannot contain copyright material (for example: Precious Moments, Spiderman, Uncle Sam, etc.)
7. Banner details and design must extend no more than ¼" from the surface.
8. Any banner not following these specifications may still be displayed, but not judged.

Class

272. 4-H Banner

Department 29: 4-H Miscellaneous & Organized Project Exhibits

Check-in – Wednesday, July 24, 4-6 p.m.

Judging – Friday, July 26, Noon

Family Studies, Forestry, Citizenship, Reading, Recreation, Safety, Health, Horseless Horse, Bicycle Safety and Care, Leadership, Veterinary Science, Public Speaking, Self-Determined, Tractor, Wildlife, Computer, Home Environment, Plant Science, ATV Safety, Individual and Community Resource Projects, Performing Arts, Pets, Dog, Shooting Sports, etc.

Educational Display Rules

1. Read General Rules.
2. 4-H'er must be enrolled in project. A member may make only 1 entry in the educational display division.
3. Exhibits in this division are open to educational or creative displays. Follow copyright law as you are preparing your exhibit. Take care to select materials to withstand County and State Fair conditions. No card table exhibits are allowed. If exhibit is a poster, it must not be larger than 22"x28". Displays are not to exceed standard commercial 3'x4' tri-fold display board.

4. Exhibitors must comply with state and federal laws and Kingman County Fair Management policies. No “live” ammunition or explosive powders may be used in the display. Artistic substitutes must be used in lieu of powder or “live” ammunition. Please remember that neither the Kingman County Fair Board nor the Department of Youth and Development, Kansas State University and Extension are liable for the loss or damage of any personal property included as part of your display.
5. Name, county, age and year in project should be in a prominent location on the exhibit.
6. Displays should be judged on the following points:
 - Stopping Power 15 points**
Is the main idea specific? Is the idea presented clearly, simply, forcefully?
 - Interest Holding Power 15 points**
Does the exhibit give the observer additional facts in a clear, concise, informative way?
 - 4-H Project Application 15 points**
Is the subject matter in an effective show case?
 - Mechanical Power 5 points**
Correct letter size, pleasing color combination, appropriate symbols and models?
 - Personal Growth 25 points**
How much knowledge was gained by exhibitor? Enthusiasm shown?
 - Educational Value 25 points**
Knowledge shared?

Classes

- 273. Poster Relating to Project
- 274. Educational Display

4-H Books

- 275. 4-H Secretary Book
- 276. 4-H Reporter’s Notebook
- 277. 4-H Leadership Notebook
- 278. 4-H Club Scrapbook
- 279. Miscellaneous Class

OPEN CLASS

Department A: Art Exhibition and Contest

Check-in – Wednesday, July 24, 4-6 p.m.

Judging – Thursday, July 25, 9 a.m.

Superintendents: Jeralyn Hill and Sukesh Kamesh

1. Read General Rules
2. Artwork is to be original artwork
3. Up to 3 pieces of artwork may be submitted in any art medium(s), 2 dimensional or 3 dimensional.
 - 2 Dimensional artwork must be matted or framed and suitable for hanging on the pegboard display on the fair grounds
 - A. Artwork with metal saw tooth hangers or eyelet screws are not acceptable
 - B. The hanger on a frame should consist of a wire across the back attached to the eyelet screws on the backsides of the frame.
 - C. No masking/duct taped string/yarn hanger is acceptable.

- D. On lightweight art, depending on size, 1 or 2 adhesive clear plastic saw tooth hangers may be attached to the back of the artwork. (These hangers can be found in the Frame Department at Hobby Lobby)
4. Art that does not have an appropriate hanger on the back will be docked on level and will not be displayed.
 5. Be sure to list your age on your entry card.
 6. Artwork must be titled and dated with a 3x5 card attached (i.e. paperclip).
 7. All exhibits needing to be hung must have a wire hanger attached to be properly displayed.
 8. Each Class winner will receive a sweepstake ribbon and prize money.
 9. Each class below includes these categories; Oils, Acrylics, Watercolor, Pen & Ink and Other Media.

Ribbon values: Purple: \$3.50, Blue: \$1.75, Red: \$1.25 and White: \$0.75

Classes

280. Junior 7-9 Years Old
281. Intermediate 10-13 years Old
282. Senior 14-18 Years Old
283. Adult 19 Years Old and Up

Department B: Hobbies and Crafts

Check-in – Wednesday, July 24, 4-6 p.m.

Judging – Thursday, July 25, 9 a.m.

Superintendent: Shanna Henry

1. Read General Rules.
2. Article must have been made in the last year, after the previous Kingman County Fair.
3. A judging schedule will be determined following the pre-entry processing
4. 1-3 craftworks can be submitted in each class.
5. No duplicate entries will be accepted (for example, needlepoint key rings)
6. Pieces that are to be hung on a wall MUST HAVE an appropriate hanger so it can be hung at the County Fair.
 - A. Artwork with metal saw tooth hangers or eyelet screws, masking or duct tape, string/yarn is not acceptable.
 - B. The hanger on a frame should consist of a wire across the back attached to eyelet screws on the backsides of the frame.
 - C. On lightweight art, depending on size, 1 or 2 adhesive clear plastic saw tooth hangers may be attached to the back of the artwork. (These hangers can be found in the Frame Department at Hobby Lobby).
7. Art that does not have an appropriate hanger on the back will be docked one level and will not be displayed.
8. Ribbons will be awarded to each entry.

Ribbon values: Purple: \$3.50, Blue: \$1.75, Red: \$1.25 and White: \$0.75.

Classes

- 284. Stuffed Dolls, Animals
- 285. Wheat Weaving
- 286. Wood Carving
- 287. Leather Craft
- 288. Stained Glass
- 289. Holiday Crafts
- 290. China Painting
 - A. Professional China Painting
 - B. Amateur China Painting
- 291. Decorated Clothing
(painted shirts, sweatshirts, etc.)
- 292. Folk Art & Tole Painting
- 293. Wood Crafts
- 294. Ceramics (commercial mold, glazed)
- 295. Ceramics (commercial mold, dry brush)
- 296. Pottery, Wheel Piece
- 297. Pottery, Hand Molded
- 298. Collection Display (Scrapbooks, etc.)
- 299. Iron Craft
- 300. Other Craft
- 301. Junior Crafts
 - A. Stuffed Dolls
 - B. Wheat Weaving
 - C. Leather Crafts
 - D. Stained Glass
 - E. Holiday Crafts
 - F. China Painting
 - G. Decorated Clothing (painted shirts, sweashirts)
 - H. Folk Art & Tole Painting
 - I. Ceramics (commercial mold, glazed)
 - J. Ceramics (commercial mold, dry brush)
 - K. Pottery, Wheel Piece
 - L. Pottery, Hand Molded
 - M. Collect Display (scrapbook, etc.)
 - N. Any Other Junior Craft
 - O. Iron Craft

Department C: BARN QUILT CONTEST

Check-in—Wednesday, July 24, 4-6 p.m., Kingman Armory

Judging — Thursday, July 25 9 a.m.

Requirements:

1. Open to all ages.
2. See General Regulations – Open Class Section.
3. Must be a 2' x 2' square. Display cannot be on point (diamond shaped) – due to display limitations.
4. Needs to be prepared for hanging. Participant must supply hooks (cup hooks or “j” hooks 2” from top edge of quilt. Participant is responsible for using the correct size of hooks according to weight.

5. Must be on 3/8" or 1/2" thick exterior durable material. MDO (medium density overlay) board is recommended.
6. Champion Barn Quilt will go on to the Kansas State Fair Barn Quilt Contest. The Champion at the Kansas State Fair becomes the property of the Kansas State Fair and will be put on permanent display in the Pride of Kansas Building with acknowledgment of the creator and year won.
7. The decision of the judges will be final.
8. All entries will be on display.
9. 1st, 2nd, and 3rd place ribbons and premium will be given.
10. Recommendations:
 - Use MDO (medium density overlay) board.
 - Prime board with two coats of primer.
 - Use latex enamel paint.
 - Original designs are encouraged. If copied, credit should be given.

Classes

302. Barn Quilt Class

Department D: Boy Scouts of America

Check-in – Wednesday, July 24, 4-6 p.m.

Judging – Thursday, July 25 at 9 a.m.

Superintendent: Shanna Henry

1. Open to all Cub Scouts, Webelos and Boy Scouts in Kingman County.
2. Articles made within the past year by exhibitor.
3. Refer to club programs, handbooks for merit badges.
4. Cub Scouts and Webelos may enter only under the Scout Section. Starting at age 8 or 3rd grade, Boy Scouts under the Scout Section starting at age 11 or 6th grade, and only one entry in each class.

Classes

303. Entries will be categorized into classes at the Fair. No duplicates by same exhibitor will be accepted.

Department E: Clothing

Check-in – Wednesday, July 24, 4-6 p.m.

Judging – Thursday, July 25, 9 a.m.

1. All articles must be clean.
2. Only 1 entry in each class may be made by the same exhibitor.
3. All articles entered in this department must have been made since the previous Fair or later by the party in whose name the entry is made.
4. Premiums will only be paid as listed. Exhibits of anything not listed will be appreciated. They will be judged and ribbons awarded, but no class premiums can be paid.
5. Entries must have hanger in place for hanging.

Ribbon values: Purple: \$3.50, Blue: \$1.75, Red: \$1.25 and White \$0.75.

Classes

304. Home Sewing
- A. Best Dress
 - B. Casual Dress
 - C. Long Dress
 - D. 2-Piece Outfit
 - E. Woman or Girl's Coat
 - F. Woman or Girl's Suit
 - G. Woman's Slacks
 - H. Man or Boy's Tailored Coat or Jacket
 - I. Woman's Blazer
 - J. Man or Boy's Slacks
 - K. Child's Coat (12 yrs. and under)
 - L. Child's Best Dress (12 yrs. and under)
 - M. Child's Dress, Plain (12 yrs. and under)
 - N. Boy's Dress Outfit (12 yrs. and under)
 - O. Child's Play Outfit (12 yrs. and under)
 - P. Infant Garment
 - Q. T-Shirt
 - R. Man or Boy's Shirt
 - S. Blouse
 - T. Skirt
 - U. Shorts
 - V. House Coat
 - W. Sr. Citizen Garment
 - X. Aprons, Plain
 - Y. Aprons, Fancy
 - Z. Other
305. Junior—Youth ages 17 and under
- A. Dress
 - B. Slacks
 - C. Skirt
 - D. Blouse
 - E. Sport Outfit
 - F. Miscellaneous

Department F: Farm, Garden & Misc.

Crops

Judging – Thursday, July 25

Check-in—10 a.m.—Noon, Judging—1 p.m.

Superintendent: Cami McAndrew

1. Exhibits must have been grown by or on the farm of the exhibitor in the current year. Only one entry in each class may be made from the same farm or by the same exhibitor. Exhibits must be in place on Thursday, July 26 by noon. Please identify the variety.
2. Vegetable and Root Crops should be brushed, or washed carefully. Remove all stems, etc. if applicable.
3. Wheat, Barley, Oats and Rye must be cleaned and exhibited in a gallon jar and carry a label indicating the name of the variety exhibited. Grain sorghums, forage sorghums, and corn should also be identified, with breeder's name and the variety number. Premiums will not be awarded to

- exhibits unless properly identified
4. Where a class is not divided into varieties, all varieties in that class compete together for the class award except where four or more exhibitors are entered in a variety, in which case they will be judged together as a separate class.
 5. Exhibits of anything or varieties not listed will be appreciated. They will be judged and ribbons awarded but no cash premiums can be paid.

Note: To help promote the freshest product possible for judging, check-in and judging times have changed.

Ribbon values: Purple: \$3.50, Blue: \$1.75, Red: \$1.25 and White: \$0.75

Classes

306. Odd Vegetable
307. Wheat Public Varieties (1 gal.) e.g. Jagger, 2137, 2163, etc.
308. Wheat Proprietary Varieties (1 gal) e.g. Pecos, Tomahawk, Big Dawg, Coronado, etc.
309. Oats (1 gal)
310. Barley (1 gal)
311. Rye (1 gal)
312. Grain Sorghums, 10 heads (Short season varieties)
313. Grain Sorghums, 10 heads (Long season varieties)
314. Sorghums, 10 heads
 - A. Forage
 - B. Sudan Grass
 - C. Others
315. Popcorn, 10 ears
316. Yellow Corn, 10 ears
317. White Potatoes (display 5-1 variety)
318. Red Potatoes (display 5)
319. Sweet Potatoes

Small Vegetables (Display 5)

320. Table Beets
321. Bermuda Onions
322. Yellow Onions
323. Red Onions
324. Carrots
325. Parsnips
326. Tomatoes (large fruit)
327. Tomatoes – Pear
328. Tomatoes – Cherry
329. Turnips
330. Cucumbers – Slicers
331. Cucumbers – Pickles
332. Bell Peppers, Green
333. Other Peppers
334. Bell Peppers, Yellow
335. Okra
336. String Beans
337. Rhubarb
338. Other Vegetables

Large Vegetables

339. Watermelon (large)
340. Watermelon (refrigerated)
341. Squash, Winter
342. Squash, Summer, Yellow
343. Squash, Zucchini
344. Squash, Other
345. Pumpkin
346. Pumpkin, Pie
347. Cantaloupe, Muskmelon
348. Eggplant
349. Cabbage
350. Sunflower Head
351. Other Large Vegetable
352. Exhibit consisting of five different fresh vegetables. Canned vegetables are not accepted. Only one variety of a specific vegetable maybe exhibited. The number of the individual vegetables to be exhibited is as follows: Large Vegetables (One Each): Watermelon, Squash, Pumpkin, Eggplant, Cabbage, Cantaloupe. Medium Vegetables (5 Each): Cucumbers, Peppers, Tomatoes, Parsnips, Carrots, Okra, Beets, Onions, Irish Potatoes, Sweet Potatoes, Red Potatoes. If a small vegetable, such as green beans, is used as one of the five different vegetables, a dozen is suggested.
353. Apples, Display 5
354. Peaches, Display 5
 - A. Freestone
 - B. Cling
355. Raspberries
356. Blackberries
357. Alfalfa, 1 bale
358. Prairie Hay
359. Legume Seed
 - A. Alfalfa, 2 quarts
 - B. Sweet Clover, 1 quart
360. Junior Vegetable Class – open to youth 17 years of age and under who are not members of 4-H or Scouts. Individuals may have four different entries in this class. Each entry will be judged according to its quality and awarded a purple, blue, red or white ribbon

\$3.50 for a Purple, \$1.75 for a Blue, \$1.25 for a Red, \$0.75 for a White.

Market Wheat Show

**Entries due: Friday, July 5, 5 p.m.
to their respective elevators.**

**Awards will be displayed in the
North Room during the Festival of Breads.**

1. All entries will be tested prior to the County Fair.
2. Crop Data Cards and Samples are to be turned in to the Extension Office no later than 5 p.m. on July 6.
3. All wheat exhibits must be produced in Kingman County during the present year.
4. Any entry which has been hand-picked or screened will be disqualified.
5. Limitations of entries: Each farmer is limited to one (1) entry for each variety of wheat grown on the exhibitor's farm. A producer is someone who is recognized by the FSA (Farm Service Agency) as a tenant with the county.
6. All samples will be graded by the Kansas Grain Inspection Service prior to the County Fair.
7. Premiums will be awarded for 1st through 3rd places. In case of a tie, premiums will be added together and divided by the number of tying entrants.
8. Entries shall be accompanied with the complete official crop data card.
9. Samples should consist of 5 pounds of wheat.

Samples will be judged by the following criteria:

Points:

| | |
|-------------------------------------|-------|
| Test Weight | 200 |
| Protein | 225 |
| Dockage | 200 |
| Shrunken/Broken Kernels | 100 |
| Completeness of Crop Data Card..... | 25 |
| Variety/Mill Bake | 250 |
| Total | 1,000 |

The top three (3) entries will be eligible to be displayed at the Kansas State Fair.

Prizes: 1st Place—\$75, 2nd Place—\$50, 3rd Place—\$35

Department G: FFA Farm Mechanics

Check-in – Wednesday, July 24, 4-6 p.m.

Judging – Friday, July 26, Noon

The following FFA Chapters of Kansas are invited to participate in a farm mechanics display at the Kingman County Fair: Pratt, Harper, Cheney, Mulvane, Norwich, Haven, and Kingman.

Rules and Regulations

1. All exhibits must be in place by 6 p.m. on Wednesday, July 24.
2. Every article entered for exhibition must have been made by a student regularly enrolled in Vocational Agriculture in one of the above mentioned schools except in the case of entries of farm machinery repair, in which case the entire repair job must have been done by a student.
3. Chapters will be required to enter 4 projects, with 1 repair project optional.
4. Individuals from the above mentioned chapters may enter projects for individual awards with a maximum of 2 entries.
5. Entries need to have weather resistant tag indicating participant's name, school grade and the name of the entry.

Individual Awards: 1st Place - \$100; 2nd Place - \$75; 3rd Place - \$50. Best Chapter exhibit: \$100.

Department H: Flower Show

Entries taken Friday, July 26, 4-6 p.m.

Show begins at 6 p.m.

Superintendents: Cindy Baker and Barb Tatro

Rules

1. Entries must be in place by 6 p.m. on Saturday.
2. No polishing of leaves or artificial coloring accepted.
3. Only one entry in each class may be made by same exhibitor or from same garden.
4. No professional florists allowed.
5. No single specimens except where stated.
6. In classes 371 – 377 flower material counts 1/3, quality of material 1/3 and arrangement 1/3.

Ribbon values: Purple: \$3.50, Blue: \$1.75, Red: \$1.25 and White: \$0.75

Classes

361. Cushion Chrysanthemums
362. Roses (not less than 3)
363. Roses (3 of same variety)
364. Rose (1 specimen)
365. Cosmos
366. Coreopsis
367. Large Zinnias
368. Small Zinnias
369. Large Flowered Marigolds
370. Small Marigolds

- 371. Lantana
- 372. Echinacea (Cone Flower)
- 373. Gaillardia
- 374. Coxcomb (small leaf)
- 375. Coxcomb (beefsteak type)
- 376. Salvia
- 377. Snapdragons
- 378. Verbenas
- 379. Single Petunias
 - A. Single
 - B. Double
 - C. Ruffled
- 380. Gladioli
- 381. Sunflowers
 - A. Wild
 - B. Seed
- 382. Asters
- 383. Delphinium
- 384. Scabiosa
- 385. Hibiscus
- 386. Hollyhock
- 387. Butterfly (bush or plant)
- 388. Strawflower
- 389. Caladiums
- 390. Dahlias
 - A. Pompon Dahlias
 - B. 1 Show exhibit Dahlia (not over 8")
 - C. 3 Large type
- 391. Tuberous Begonias (pot or cut flowers)
- 392. Any other flower

Arrangements

- 393. All White Arrangement (using white flowers and white container)
- 394. Vase Cut Flowers
- 395. Floral Arrangement for Dinner Table Decorations
- 396. Patriotic Arrangement—Red, White & Blue (suitable for table decoration)
- 397. Pair of Vases arranged for mantle decoration
- 398. Arrangement of gladioli for table decoration
- 399. Best Collection of Wildflowers
- 400. Creative Arrangement
- 401. Creative Hummingbird Attraction
- 402. Dried Material Arrangement – Best House Plants

Plants

- 403. Cactus
- 404. Philodendron
- 405. African Violets
- 406. Hanging House Plants
- 407. Begonia
- 408. Fern

FAMILY CONSUMER SCIENCE

1. Open Class entries will be received from 4-6 p.m. with the exception of food and horticulture. See rules under each division for check-in time clarification.
2. Only 1 entry to each class may be made by the same exhibitor.
3. All exhibits must have been made or produced during the year since previous fairs.
4. All entries must have been made by the participant in whose name the entry is made.
5. All premiums will be paid as listed and in accordance with Rules and Regulations.
6. Exhibitors in this Department are prohibited from removing any of their exhibits at the close of the Fair. They must be waited upon by assistants appointed for that purpose. Exhibits are to be picked up between 3 and 4 p.m. on Saturday, July 27.
7. Each entry must be entered on separate entry cards.
8. Please indicate "Open Class" on the entry card.
9. Senior citizen – 60 years or older.

Entry Cards

Exhibitors will be able to pick up Open Class Fair cards prior to the Fair.

Junior Division

Junior classes are listed for various departments. These classes are open to any youth 17 years of age and under. All exhibits will receive a ribbon based on the quality of the product – \$3.50 will be paid for each

Purple, \$1.75 for each Blue ribbon, \$1.25 for each Red and \$0.75 for each White.

One entry may be made per class. Exhibitors may participate in consultation judging with the judge if they wish.

Department I: Food Preparation

Check-in – Thursday, July 25, 7:30-8:30 a.m.

Judging – Thursday, July 25, 9 a.m.,

Kingman Expo Center, North Room

Superintendent: Mary Jo Ziegler, Meredith Beavers

1. See General Rules – Open Class Section.
2. Recipes are required.
3. For food safety purposes, any food with custard and cream cheese type fillings and frostings, flavored oils, "canned" bread or cakes in a jar, or food requiring refrigeration will not be judged. No perishable food items allowed.
4. Remove baked products from baking pans and place on a heavy covered cardboard cut to fit the size of the product. Place in a clear plastic bag. Enter whole products (such as pies and coffee cakes). Cakes must be in a disposable plate or container and enclosed in a plastic bag.

5. All entries must have a gummed label and entry card attached to the product. These may be picked up at the entry table or at the Extension Office prior to the Fair.
6. Entries of rolls, cookies, candy, muffins (small baked goods) should include 3 samples.
7. All food must be displayed on new plates or trays. (Styrofoam meat trays WILL NOT be accepted.)
8. All entries must be approved by superintendent or Fair official.

Ribbon values: Purple: \$3.50, Blue: \$1.75, Red: \$1.25 and White: \$0.75.

Classes – Adult

409. Yeast Bread
 - A. White Yeast
 - B. Whole Grain (Rye)
 - C. Multi-Grain
 - D. Bread Machine, white
 - E. Bread Machine, wheat or multi-grain
 - F. French Bread
 - G. Fancy Sweet Breads (tea ring, etc.)
 - H. Other (i.e. Sourdough, Italian, Ham burger Buns, etc.)
410. Rolls
 - A. Dinner Rolls, White
 - B. Dinner Rolls, Wheat
 - C. Cinnamon Rolls (3)
 - D. Sugar Free Cinnamon Rolls (3)
 - E. Other Rolls
411. Quick Breads
 - A. Pumpkin Bread
 - B. Zucchini Bread
 - C. Banana Bread
 - D. Cornbread
 - E. Fruit Muffins
 - F. Coffee Cake (without yeast)
 - G. Biscuits
 - H. Scones
 - I. Doughnuts (unfrosted & unsugared)
 - J. Other Quick Breads
412. Cakes
 - A. Angel Food (unfrosted with crust on)
 - B. Burnt Sugar
 - C. Chocolate (frosted)
 - D. White (frosted)
 - E. Chiffon
 - F. Spice (frosted)
 - G. Sponge (unfrosted)
 - H. Cupcakes (frosted)
 - I. Cupcakes (unfrosted)
 - J. Fruit Cake (baked)
 - K. Fruit Cake (unbaked)
 - L. Bundt Cake
 - M. Cupcakes

413. Tricks with Mix -Start with a mix, then create a baked item other than what the mix was intended for. That is where the trick comes in.
- A. Cake (frosted)
 - B. Cake (unfrosted)
 - C. Cookies / Bars
 - D. Muffins / Breads
 - E. Rolls
 - F. Other
414. Candy (3 pieces)
- A. Divinity
 - B. Peanut Brittle
 - C. Fudge
 - D. Other
415. Pie (2 crust)
- A. Apple
 - B. Cherry
 - C. Mincemeat
 - D. Peach
 - E. Other
416. Cookies (3 per plate)
- A. Dropped
 - B. Rolled
 - C. Icebox
 - D. Bar
 - E. Fancy Cookies
 - F. Brownies
 - G. Molded or Shaped
 - H. Unbaked
 - I. Other
417. Creative Baking
- A. Decorated Cake (not to be cut)
 - B. Artisan Bread
 - C. Other
418. Junior Foods– Youth ages 17 and under
- A. Loaf Quick Bread (nut or fruit)
 - B. Loaf Yeast Bread
 - C. Yeast Rolls (3 each)
 - D. Muffins (3 each)
 - E. Drop Cookies (3 each)
 - F. Bar Cookies (3 each)
 - G. Rolled and Cut Cookies (3 each)
 - H. Icebox Cookies (3 each)
 - I. No-Bake Cookies (3 each)
 - J. Sponge Angel Food Cake (unfrosted)
 - K. Layer Cake (frosted)
 - L. Decorated Cake
 - M. Frosted Cupcakes (3 each)
 - N. Candy (3 pieces)
 - O. Other Baked Product

Department J: Food Preservation

Judging – Thursday, July 25, 9 a.m.

Superintendent: Mary Jo Ziegler, Meredith Beavers

1. Product must have been processed by the following method to be acceptable:
 - A. Pressure Canned: Low acid vegetables, meat, poultry, soups, mixed foods.
 - B. Water Bath Process: Fruit, tomatoes, preserves, conserves, jams, jellies, pickles.
 - C. Exhibits must have been preserved since the member's previous year's county fair, and not been exhibited at the previous county fair. Ex. for fair date July 28, 2017, items canned following that date can be exhibited at this year's fair.
 - D. Recommended method of processing must be used. Follow guidelines in K-State Research and Extension Food Preservation publications or "USDA's Complete Guide to Home Canning"; and "So Easy to Preserve, 6th edition, Cooperative Extension Service The University of Georgia"; or "Ball Blue Book for Preserving" or later (2012). Open kettle canning or oven canning food will not be accepted. Pickles and sweet spreads must be processed using the water bath process for the altitude of residence. Low acid products must be pressure processed properly for the altitude of residence. Refer to following K-State Research and Extension publication 4H712, "Food Safety Recommendations for Food Preservation Exhibits", MF3170 – "10 Tips for Safe Home-Canned Food", MF3172 "What's Your Elevation?" and MF3171 – "Sassy and Safe Salsa at Home" for information to help you make informed, safe food preservation exhibit decisions. **Homemade recipes or other untested recipes will be disqualified for safety reasons.**
 - E. No alcohol should be included as an ingredient in food preservation entries. Entries with alcohol in a recipe will be disqualified and not be judged.
 - F. Each exhibit must have the complete recipe and instructions attached with the entry card, or will be lowered one ribbon placing. Recipe must include recipe source, date of publication and altitude of residence.
2. Label jar with contents (including variety), canning dates, process time, and canning method.
3. Exhibits must be sealed in clear clean standard canning jars, with matching brand (use Ball lids on Ball jars or Kerr lids on Kerr jars, etc.) two-piece lids. Ball and Kerr plaid or fruit decorated or brushed silver lids are permissible, but fancy padded lids, fabric over wraps or cozies

interfere with the judging process and should not be used. Jelly must be in half pint or pint jar. All other products must be in pint or quart jars.

NOTE: There are now 12 oz. canning jars available. If there is not a USDA recommended process time available and 24 oz. for the 12 oz. jar, these may be used with a pint jar process recommendation. Use quart jar process recommendations for 24 oz. jars.

4. No paraffin may be used.

Ribbon values: Purple: \$3.50, Blue: \$1.75, Red: \$1.25 and White: \$0.75.

Classes

419. Fruits

- A. Apples
- B. Applesauce
- C. Apricots
- D. Blackberries
- E. Blue Plums
- F. Bing Cherries
- G. Pie Cherries
- H. Pineapple
- I. Peaches
- J. Pears
- K. Sand Plums
- L. Any Other Variety
- M. Variety, 5 different fruits, pts., qts., all of the same

420. Jelly

- A. Apple
- B. Blackberry
- C. Blue Plum
- D. Cherry
- E. Crab Apple
- F. Apricot
- G. Strawberry
- H. Sand Plum
- I. Grape
- J. Any Other Variety
- K. Sugar Free

421. Butter or Jam

- A. Apple
- B. Grape
- C. Peach
- D. Pear
- E. Sand Plum
- F. Apricot
- G. Strawberry
- H. Any Other Variety
- I. Sugar Free

422. Preserves

- A. Apple
- B. Apricot

- C. Cherry
 - D. Melon
 - E. Peach
 - F. Pear
 - G. Sand Plum
 - H. Strawberry
 - I. Tomato
 - J. Any Other Variety
 - K. Sugar Free
423. Pickles
- A. Beet
 - B. Bread and Butter
 - C. Chili Sauce
 - D. Watermelon Pickles
 - E. Cucumbers, Sweet
 - F. Dill
 - G. Mixed
 - H. Relish
 - I. Pickled Okra
 - J. Any Other Variety Pickles
 - K. Catsup
 - L. Cinnamon Pickles
 - M. Pickled Peppers
424. Vegetables
- A. Asparagus
 - B. Beans, Green
 - C. Beans, Lima, Green
 - D. Wax Beans
 - E. Beets, small whole
 - F. Beets, sliced or diced
 - G. Carrots
 - H. Corn
 - I. Mixed Vegetables
 - J. Potatoes
 - K. Stewed Tomatoes, canned w/non-acid vegetables
 - L. Miscellaneous
 - M. Tomatoes
425. Other Canning
- A. Chow
 - B. Black Bean
 - C. Other Salsa
 - D. Meats
 - E. Mincemeats
 - F. Any Other Variety of Canned Meat

Department K: Girl Scouts

Check-in – Wednesday, July 24, 4-6 p.m.

Judging – Thursday, July 25, at 9 a.m.

Superintendent: Shanna Henry

1. Competition is open to all registered Girl Scouts and Brownies in Kingman County. To be eligible for a ribbon, articles must have been made since previous Fair. Any entry may be entered in the Girl Scout Department at the State Fair.
2. Each troop project is the responsibility of each troop and its members. Troop leader or her appointee is the chairman of arrangements responsible for placing and taking down projects.
3. All cakes, cookies and candy should be made from your own recipe, placed on cardboard, covered with a plastic bag and labeled on the bottom. Label must include name of product, name of exhibitor, Troop number and Department number.
4. Garments that have been worn or used must be carefully laundered or cleaned before exhibited and labeled.

Classes

426. Entries will be categorized into classes at the Fair. No duplicates by same exhibitor will be accepted.

Department L:

Paul Conrardy Festival of Breads

Friday, July 26, Entry Deadline – 2 p.m.

Show starts at 2 p.m. Kingman Expo Center, North Room

Superintendent: Sheila Govert

Jr. Superintendents: Abby Flickner & Ava Tatro

The Paul Conrardy Festival of Breads will be held at the Kingman County Fair. The contest will consist of two divisions and is open to all ages.

Rules

1. The entry must be made with wheat flour or some variation thereof.
2. The exhibitor may enter two entries, one per class.
3. All entries must be accompanied by an entry card and recipe.
4. Entries must be at the Kingman Expo Center, north room, no later than 2 p.m. on Friday, July 26. The judging will take place at 2 p.m. Late entries are not eligible for prizes.
5. Cash prizes will be awarded as follows: Adult, 1st place: \$25; 2nd place: \$15; 3rd place: \$10; Youth, 1st place: \$25; 2nd place, \$15; 3rd place, \$10. An individual may only win one cash prize.
6. Participants are encouraged to be there to accept their prizes.
7. Judge will make public comments about entries.
8. Recipes are required.

Adult classes (18 years and over)

- 427. Yeast bread
- 428. French bread
- 429. Fancy sweet bread (cinnamon rolls, tea rings, etc.)
- 430. Muffins

- 431. Quick breads
- 432. Rolls
 - B1. Bread machine

Youth classes (17 years and under)

- 433. Yeast bread
- 434. French bread
- 435. Fancy sweet bread (cinnamon rolls, tea rings, etc.)
- 436. Muffins
- 437. Quick breads
- 438. Rolls
 - B2. Bread machine

Ages are as of Jan. 1, 2019.



Bread Sculpting Rules

1. One entry per participant, per class
2. Bread Sculpture may be constructed from frozen yeast dough or a yeast dough made from scratch.
3. Bread sculptures may be tasted at the judges discretion, but not mandatory.
4. Seeds, herbs, and other edible decorative toppings and icing may be used.
5. No size restrictions. For small individual sculptures, 6 should be entered. (ex: bunnies, turtles)
6. All sculptures must be received on a sturdy, disposable plate, board, or tray and will remain on display throughout the fair.
7. Entries must include a recipe.

- 439. Adult Bread Sculpting
- 440. Youth Bread Sculpting
- 441. Team Bread Sculpting (2-3 youths and/or adults)

Department M: Photography

Check-in – Wednesday, July 24, 4-6 p.m.,

Kingman Expo Center

Judging – Thursday, July 25, Noon, Kingman Armory

Superintendents: Amber Zwierzychowski

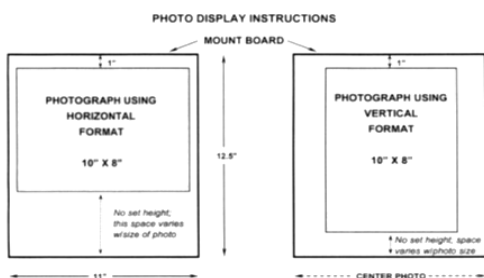
Volunteers: Sukesh Kamesh & Morgan Freund and Sarah Kelley

Rules

1. All entries need to be checked in on Wednesday, July 24 from 4-6 p.m. in the Entryway of the Kingman Expo Center.
2. You may enter one photograph per class, for a total of 3 entries at the fair. In addition, one photo may be entered in the special competition.
3. Photos must be mounted. For mounting instructions, see 4-H Photography rules number 6.

For Juniors and Amateurs

4. Photos are to be mounted across the narrow (11") dimension of an 11"x12.5" sheet of white or cream studio matte board. Do not use foam core board. Photos mounted on poster board will not be displayed. Photo matte boards are available for purchase through the Extension Office.
5. Remove the white border from the enlargement before mounting. All photos must be no larger than 8"x10" and no smaller than 7"x9" after trimming.
6. Photos must be mounted with the top edge of the print 1" below the top of the mount. The sides of the print must be equal distance from the two sides of the mount.
7. A permanent mount must be made by using photographic adhesive.
8. No lettering is permitted on the front of the mount or on the photo – only on the entry card. No underlay's or borders are to be used. No contact prints on front of the mount.
9. To protect exhibits from dust and moisture, place mounted photo in a protective plastic bag. Drop entry cards into the bag in front of your photo so the entry card shows to the outside of the bag.



For Professionals

10. Only work created in the two years previous to the current year fair is eligible for entry.
11. Articles done in a workshop or class are not eligible.
12. If photographer's name appears on the photograph, please cover the name for judging purposes.
13. The primary audience consists of family and youth. The superintendent reserves the right to reject any work of art that may be considered objectionable by that audience.

Ribbon values: Purple: \$3.50, Blue: \$1.75, Red: \$1.25 and White: \$0.75.

Classes

442. Amateur Photography (Age 15 & up)
 - A. Pictorial Print Black & White
 - B. Pictorial Print Color
 - C. Pictorial Print World in Motion Color
 - D. Photojournalism Print; Black and White
 - E. Photojournalism Print; Color
 - F. Figure or Portrait; Human or Animal; Black and White
 - G. Figure or Portrait; Human or Animal; Color
 - H. Nature Print
 - I. Unclassified/Abstract/Special Effects; Black and White
 - J. Unclassified/Abstract/Special Effects; Color
443. Professional Photography (Those working with in the photography industry)
 - A. Pictorial Print Black and White
 - B. Pictorial Print Color
 - C. Pictorial Print World in Motion Color
 - D. Photojournalism Print; Black and White
 - E. Photojournalism Print; Color
 - F. Figure or Portrait; Human or Animal; Black and White
 - G. Figure or Portrait; Human or Animal; Color
 - H. Nature Print
 - I. Unclassified/Abstract/Special Effects; Black and White
 - J. Unclassified/Abstract/Special Effects; Color
444. Junior Photography—Youth ages 17 and under
 - A. Pictorial Print Black & White
 - B. Pictorial Print Color
 - C. Pictorial Print World in Motion Color
 - D. Photojournalism Print; Black and White
 - E. Photojournalism Print; Color
 - F. Figure or Portrait; Human or Animal; Black and White
 - G. Figure or Portrait; Human or Animal; Color
 - H. Nature Print
 - I. Unclassified/Abstract/Special Effects; Black and White
 - J. Unclassified/Abstract/Special Effects; Color

KINGMAN COUNTY SPECIAL PHOTO COMPETITION

“Stirrup Some Fun”

1. This division features photos taken within Kingman County rural or town photos accepted.
2. Please follow mounting instructions for 4-H/Open Class Amateur/Open Class Junior divisions.
3. Participants may enter one photo. This photo should NOT be one that has also been entered in either Open Class or 4-H Divisions (this includes photos in which the finish has been manipulated, for example, color to black and white).
4. Only photos taken since the previous County Fair accepted.
5. Participants must include a description on an accompanying index card as to how this photo applies to the theme: “Stirrup Some Fun.”

Ribbon values: Purple: \$3.50, Blue: \$1.75, Red: \$1.25 and White: \$0.75.

Classes

- 445. Amateur Special Photo (15 & up)
- 446. Professional Special Photo (those working within the photography industry)
- 447. Junior Special Photo (14 & under)

Department N: Quilts and Fancy Work

Check-in – Wednesday, July 24, 4-6 p.m.

Judging – Thursday, July 25, 9 a.m.

Quilts & Fancy Work Superintendents: Jenny Clouse & Galene San Romani

1. All articles must be clean.
2. Only 1 entry in each class may be made by the same exhibitor.
3. All articles entered in this department must have been made since the previous Fair by the party in whose name the entry is made. Quilts and afghans are the exception.
4. Premiums will only be paid as listed. Exhibits of anything not listed will be appreciated. They will be judged and ribbons awarded, but no cash premiums paid back.
5. All entries in this division must be machine or hand needle or hooked work.
6. All work on each entry will be judged.

Ribbon values: Purple: \$3.50, Blue: \$1.75, Red: \$1.25 and White: \$0.75.

Classes

- 448. Quilts: Twin Bed size or larger
 - A. Appliquéd, hand quilted
 - B. Appliquéd, machine quilted
 - C. Pieced, hand quilted
 - D. Pieced, machine quilted
 - E. Embroidered, hand quilted
 - F. Embroidered, machine quilted

- 449. Table Runner
 - A. Appliquéd, hand quilted
 - B. Appliquéd, machine quilted
 - C. Pieced, hand quilted
 - D. Pieced, machine quilted
- 450. Quilting Projects
 - A. Whole Cloth
 - B. Baby or Child Quilt
 - C. Appliquéd Wall Hanging
 - D. Pieced Wall Hanging
 - E. Embroidered Wall Hanging
 - F. Senior Citizen Work
 - G. Men's Wall Hanging
 - H. Other Quilting Project
(throws, lap quilts, hot pads, etc.)
- 451. Weaving
 - A. Woven Article
- 452. Knitting or Crochet
 - A. Knitted Afghan
 - B. Crocheted Afghan
 - C. Knitted Sweater
 - D. Crocheted Sweater
 - E. Baby Set – Knitted or Crocheted
 - F. Doily
 - 1. Small – Under 12"
 - 2. Larger – Over 12"
 - G. Novelty Item
 - H. Senior Citizen Work
 - I. Crochet Tatting
 - J. Tablecloth
- 453. Knitting or Crochet: Other
- 454. Tatting
 - A. Doily
 - B. Edging
- 455. Embroidery
 - A. Pillow Cases, Pair
 - B. Luncheon or tablecloth
 - C. Wall hanging or crewel picture
 - D. Tea Towel
 - E. Senior Citizen Work
- 456. Embroidery: Other
- 457. Pillows – Filled
 - A. Fancy
 - B. Practical
- 458. Rug
 - A. Hooked
 - B. Braided
 - C. Crocheted
- 459. Textile Painting
 - A. Tea Towel
 - B. Wall Panel or Picture

- 460. Household
 - A. Accessory
 - B. Pot Holder
- 461. Needlepoint
 - A. Large – Over 12”
 - B. Small – Under 12”
- 462. Counted Cross Stitch
 - A. Large – 8x10 or larger
 - B. Medium – 5x7 or larger
 - C. Small – Under 5x7
- 463. Sewn Cloth Toys, Dolls, Animals
- 464. Decorated Sweatshirts
- 465. Junior-Youth ages 17 and under
 - A. Needlepoint
 - B. Embroidery
 - C. Knitting
 - D. Crocheting
 - E. Counted Cross Stitch
 - F. Quilting
 - G. Latch Hook
 - H. Miscellaneous

Department N: Recycled Exhibits

Check-in – Wednesday, July 24, 4-6 p.m.

Judging – Thursday, July 25, 9 a.m.

Superintendent: Shanna Henry

1. Article may be made from any product made from recycled wood, material, plastic, metal/aluminum, or other items.
2. Limit one entry per person.
3. Sweepstakes to be awarded in Junior and Adult divisions.
4. Exhibit must be made of at least 80% recyclable items.

Classes

- 466. Adult Recycled Exhibit
- 467. Junior Recycled Exhibit-Youth ages 17 and under

Department O: Woodworking

Check-in – Wednesday, July 24, 4-6 p.m.

Judging – Thursday, July 25, Noon

Kingman Armory

Superintendent: KaylaRoth

1. Fair Board will not be responsible for damage to items.
2. Each item will be judged in one class only.

Ribbon values: Purple: \$3.50, Blue: \$1.75, Red: \$1.25 and White: \$0.75.

Classes

- 468. Adult Woodworking 18 and older (All entries will be divided into like classes for judging)
- 469. Junior Woodworking 17 and younger (All entries will receive a ribbon)

Round Hay Bale Decorating Contest

Rules

1. Each participating club/team will be responsible for decorating. The club/team will furnish its own hay bale. Bales may be placed on the east or south side of the Kingman Armory.
2. Each club/team will provide their own sign with the club's name on it. The sign will be stuck in the ground beside the bale facing the street.
3. Bale decorating is to be completed by noon on Wednesday, July 24. Bales will be judged by People's Choice voting. Voting will end at noon on Saturday, July 26.
4. Bales can be placed lying on their side or standing on end. For safety purposes, round bales can not be stacked on top of each other.
5. Decorations should be weather and wind-proof. They should also be checked and maintained daily.
6. No political party signs of any kind are allowed.
7. For safety, we ask that no fireworks or any flammable products be used.
8. Please keep the area around your bale clean and free of trash.
9. Bales can be brought to the Armory as early as Monday, July 22.
10. Decorations may not be removed from bales before Sunday, July 28.
11. All bales and decorations must be removed from the Armory by the end of the day Sunday, July 28. Decorations and bales not removed by this time will be disposed of.