

4-H FAIR BOOK INDEX

Lincoln-Logan-McPherson Counties

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Please help us to provide a safe environment and a great experience for youth during the Lincoln, Logan, and McPherson County Fairs. Children should always be supervised by their parent(s) or other designated adult(s). Thanks for your assistance in keeping 4-H youth safe.

**UNIVERSITY OF NEBRASKA – LINCOLN EXTENSION
LINCOLN – LOGAN – MCPHERSON COUNTY
FAIR BOOK**

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LINCOLN COUNTY 4-H COUNCIL

AMANDA LOTT – President
SIBYL UERLING – Vice President
DEANDRA ROUSEY – Secretary
HANNAH UECKER – Treasurer
REBECCA HARSHFIELD – Treasurer Elect
MATT FATTIG
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BEN EBMEIER
DEREK EBMEIER – Co President
HAZIE UERLING – Co Vice President
SIDNEY MORGAN – Co Secretary
KEATON FATTIG
CHASE MARTIN
BAILEY BELL
LANE FOOTE
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**MCPHERSON COUNTY 4-H
COUNCIL**

TBD - President
Secretary/Treasurer- ANDREA BLAKE
RayLynn Starr

LOGAN COUNTY 4-H COUNCIL

NANCY LASHLEY – President
JENNIFER HILL – Vice President
PEGGY PETERSON – Secretary
BRIDGET WEEMS – Treasurer
LYNNSEY WILLIAMS
KRISTY ACKER

GENERAL RULES

NOTICE: GENERAL RULES AND REGULATIONS FOR ALL EXHIBITORS. THE LOCAL AG SOCIETIES AND FAIRBOARDS ARE NOT RESPONSIBLE FOR DAMAGE TO OR THEFT OF ANY ITEM/ANIMAL ENTERED FOR THE EXHIBIT. EXHIBIT ITEMS AT YOUR OWN RISK.

1. All 4-H static and livestock entries (including beef, sheep, swine, dairy, horses, rabbits, dogs, and poultry **MUST BE SUBMITTED ONLINE**. If you need help, contact the Extension office. Please check your online 4-H Family newsletter to see what date has been set for the County Fair pre-fair entry deadline.
 2. Exhibits must conform to the classes in the premium list to be eligible for premium money.
 3. All **900** class numbers listed in this Fair Premium Book indicate those exhibits are county only and do not qualify for State Fair.
 4. **PROTESTS:** Specific procedures for the 4-H program protest and appeals committee, 4-H Council, are listed below:
 - All appeals and protests in Logan and McPherson Counties must follow this procedure without the filing fee.
 - The representative superintendent has the authority to make appropriate decisions based on the County Fair Book.
 - A committee shall be appointed to serve as a protest group. They will meet when needed to act upon concerns. All protests must be submitted in writing and signed.
 - The written protest must be submitted to the Lincoln County 4-H Council/Extension Office. The Extension Educator and/or Council President will convene the committee for their deliberation. Appeals must meet the following criteria:
 - A 4-H member must be directly involved in the filing and signing of the protest in writing along with a leader, parent or guardian also signing.
 - The member submitting the appeal must be exhibiting/competing in that area.
 - The written protest must include:
 - Name(s) of person(s) involved
 - Cause of complaint or appeal
 - Situation and documentation
 - Recommendation for correction
 - Specific action, rule, etc., in question
 - Procedure and/or steps carried out by person involved prior to submission of the protest to the Protest Committee.
 - In Lincoln County a 25.00 filing fee is due at the time the grievance is submitted. The fee will be refunded if the protest stands as submitted. 4-H
- Council receives the filing fee if the appeal is denied.
- The committee will review the written protest. They may discuss the situation with affected persons and show officials to include fair management if appropriate prior to making a final decision. The committee will recommend appropriate action to the Extension Educator in writing. The recommendation or decision will be followed and communicated to the group or individual affected.
 - The management reserves the right to withhold premium and/or award and reserves the right to charge up to a \$25 fee. The exhibitor may be excluded from the show if action warrants.
 - Protests will not be accepted after the exhibit is released from the County Fair.
 - Protests related to judge's integrity, decisions, placing, or other evaluations will not be accepted.
 - Late or incomplete entries will not be accepted.
5. **DISCLAIMER OF RESPONSIBILITY FOR EXHIBITS AT FAIR:** 4-H Exhibits at the County Fair are entered and displayed at the risk of the 4-H member. The 4-H Council, in cooperation with the County Ag Society/Fair board, accepts and will exercise due care to protect them. However, the 4-H Councils and the Ag Society/Fair Board cannot accept responsibility for loss or damage due to the conditions imposed by crowds, the arrangement of the buildings in which displays are housed and the number of exhibits. 4-H'ers who have exhibits of great sentimental and/or monetary value should carefully consider whether such exhibits should be exposed to the hazards of the fair. While the greatest possible care will be exercised by the management to protect patrons of the Fair, everyone will be held personally responsible for any injury.
 6. **SHOW MANAGEMENT DEFINITION:** Show management includes Nebraska Extension staff, 4-H Council, and volunteers in the superintendent and/or committee roles.
 7. **DISQUALIFICATION/JUDGING:** The superintendent will determine eligibility/ineligibility of an exhibit entry in their division. All eligible items will be judged and displayed. Ineligible items will not be judged and will not be displayed.
 8. **LINCOLN COUNTY PREMIUM MONIES:** Money will be paid by the Lincoln County Ag Society. Premium monies will be available during October. Watch the 4-H newsletter and our web site for details. Premiums must be picked up within 30 days.
 - **Market Beef & Breeding Heifers:** Purple - \$8.00 Blue - \$6.00 Red - \$4.00 White - \$2.00
 - **Large Animal Exhibits:** (Horse, Sheep, Swine, Goats, Feeder Calves, Bucket Calves) Purple - \$4.00 Blue - \$3.00 Red - \$2.50 White - \$2.00

- **Small Animal Exhibits:** (Poultry, rabbits, dogs, cats, and small pet animals) Purple - \$2.00 Blue - \$1.75 Red - \$1.50 White - \$1.25
 - **All contests:** (Speech, Presentations, Table Toppers, Fashion Show, Rate of Gain, Carcass, Judging and Showmanship, Shooting Sports) Purple - \$4.00 Blue - \$3.00 Red - \$2.00 White - \$1.25
 - **Static Exhibits:** (All foods, clothing (except Fashion Show), home environment, photography, engineering, and miscellaneous project areas) Purple - \$2.00 Blue - \$1.75 Red - \$1.50 White - \$1.25
 - **All champion & reserve champion** rosette winners will receive an additional \$5 premium, if not receiving another award.
 - **Clover Kids:** Participation ribbons only - no premium
9. **LOGAN COUNTY PREMIUM MONIES:** Premiums will be paid by Logan County Ag Society. Premium monies will be distributed at the Annual 4-H Achievement Celebration each November. All money will be returned to the Logan County Ag Society if not claimed before November 30, each year. Overall Speech and Music Contest winners will receive \$20 plus ribbon premium monies. Community Service will be required in order to receive premium money, exhibitor must be present at the sale.
- **Static Exhibits:** Purple - \$2.50, Blue - \$2.00, Red - \$1.50, White - \$1.00
 - **Large Animal Projects:** Purple - \$4.50, Blue - \$3.50, Red - \$2.50, White - \$1.50
 - **Small Animal Projects:** Purple - \$2.50, Blue - \$2.00, Red - \$1.50, White - \$1.00
 - **Animal Showmanship, Judging Contest, Speech & Demonstrations, Fashion Show:** Purple - \$3.50 Blue - \$2.50, Red - \$1.50 White - \$1.00. Overall Speech and Music winners will receive a County Fair prize in addition to premium monies.
10. **MCPHERSON COUNTY PREMIUM MONIES:** Premiums will be paid to all exhibitors meeting the following criteria: exhibits must be entered on time and left on display until check out time except for garments that will be modeled by a 4-H member in the public Fashion Show.
- **Static Exhibits:** Purple - \$2.50, Blue - \$2.00, Red - \$1.50, White - \$1.00
 - **Large Animal Projects:** Purple - \$4.50, Blue - \$3.50, Red - \$2.50, White - \$1.50
 - **Small Animal Projects:** Purple - \$2.50, Blue - \$2.00, Red - \$1.50, White - \$1.00
 - **Animal Showmanship, Judging Contest, Speech & Demonstrations, Fashion Show:** Purple - \$3.50 Blue - \$2.50, Red - \$1.50 White - \$1.00. Overall Speech and Music winners will receive a County Fair prize in addition to premium monies.

11. **CROSS COUNTY PARTICIPATION:** A member cannot enroll in the same 4-H project area in more than one county or state in the same year. Example: beef (bucket calf, feeder calf, market beef and breeding beef are among those listed with the beef project area), clothing, horse, food, etc.
12. **No static or animal exhibits may leave the fairgrounds early.**
13. **All Clover Kid project exhibits are noncompetitive.** Participation ribbons only.
14. Any club who has members staying overnight at the fairgrounds during County Fair must have responsible adults present in charge of the group.
15. Unless otherwise stated, only **ONE** entry is allowed per premium number per member, excluding animal projects. Any article made for 4-H projects must have been made during the current 4-H year and cannot have been judged or exhibited previously at any county fair.
16. **Probation:** If a department or division has fewer than three participants for two consecutive years, that area will be dropped from the fair book in the third year.
17. **JUDGE'S DECISION WILL BE FINAL IN ALL AREAS!** No "video" reviews will be allowed (all areas).

ENTRIES

1. Online entry form instructions will be provided by the Extension office. A pre-entry must be made for **EACH** item an exhibitor enters and for each contest or event in which he/she participates. Use the fair book to assist you with your entry numbers.
2. Advanced registration or pre-entry is required for all contests and events. Each of these events has a different preregistration deadline based on the date of the event. Please refer to the website, the 4-H newsletter or contact the office for these entry instructions.
3. **All STATE FAIR qualifying exhibits are marked with an asterisk. All COUNTY ONLY exhibits will have a 900-class number.** These exhibits are not eligible for State Fair.
4. Oversized or especially large/heavy items qualifying for State Fair will need to be transported by the exhibitor.
5. Online pre-entry is required for all static exhibits and live animals for county fair and are due online by **5:00 pm** on the pre-entry website.
6. A static exhibit is defined as an entry other than a live animal entry. This will include foods, clothing, home environment, childcare, photography, woodworking, electricity, rockets, and horticulture. Entry cards for static entries will be computer generated by the Extension Office.
7. **The same animal cannot be shown in both open class and 4-H.**

8. LATE ENTRY POLICY:

- Lincoln Co. – Entry and fees must be completed and paid by 5 p.m. on pre-fair entry deadline. (If the date due falls on a weekend, then on the first business day following that date). If late up to 7 days, \$25 late fee. After the 8th day, entries will not be accepted.
- Logan Co. – Entry and fees must be completed and paid by 5 p.m. on pre-fair entry deadline. (If date due falls on a weekend, then on first business day following that date). If late up to 7 days, \$25 late fee. After the 8th day, entries will not be accepted.
- McPherson Co. – Entry and fees must be completed and paid by 5 p.m. on pre-fair entry deadline. Late entries will be reviewed. If accepted, a \$25 late fee will apply.

POLICY

1. **DRESS CODE:** The 4-H Dress Code requirements apply to **ALL** 4-H classes. Horse exhibitors follow guidelines in Nebraska 4-H Horse Show & Judging Guide. All other livestock and animal exhibitors wear blue jeans and a designated shirt with 4-H chevron or a 4-H T-shirt while exhibiting. Decorated Cake Auction participants must conform to dress code. Exhibitors not meeting dress code will be dropped a ribbon color. Rabbit exhibitors are encouraged to wear a long-sleeved white shirt, but it is optional.
2. An exhibitor must be a 4-H member enrolled in the project they are exhibiting in the county which he/she represents. Youth must be enrolled in 4-H by June 15 of the current year to exhibit at county fair.
3. **AGE RULE:** 4-H eligibility is based on 4-H age (the age of the member on December 31 of the previous year.) If a birthday is on January 1, the 4-H age is the age of the member on December 31.
 - Clover Kid Eligibility: The first year of eligibility is 4-H age 5 and the last year of eligibility is 4-H age 7.
 - Regular 4-H eligibility: The first year of eligibility is 4-H age 8 and the last year of eligibility is 4-H age 18.
4. **QUALITY ASSURANCE:** All exhibitors in any livestock project; beef, dairy cattle, goats, poultry, rabbits, sheep, and swine must have received Quality Assurance training. See Extension Office for updated information.
5. **PERSONAL CONDUCT:** The 4-H Council will not tolerate smoking by 4-H exhibitors in, around or during a 4-H show or contest. Violators will be subject to the protest committee. We highly recommend that all 4-H volunteers, leaders, and fair superintendents be aware of this and ask that you set a positive role model for all 4-H'ers. Any foul language or other discourteous conduct

on the part of 4-H exhibitors or parents will disqualify the exhibitor for that event or activity. Any exhibitor who is called three times for an event and does not respond will also be disqualified. Any discrepancy should be reported to the Protest Committee.

6. **SUBSTANCE ABUSE:** Use or possession of alcoholic beverages or drugs by any exhibitor who is participating in 4-H at the Fair will result in immediate disqualification of that exhibitor's entry.
7. **AGE DIVISIONS:** Age divisions can be changed at the discretion of show management in Lincoln, Logan, and McPherson Counties. All livestock age divisions will be as follows:
 - **Lincoln County:**
 - Junior: 8-11
 - Intermediate: 12-13
 - Senior: 14-18
 - **Lincoln Co. Horse Project Age Division**
 - Junior 1: 8-9
 - Junior 2: 10-11
 - Intermediate: 12-14
 - Senior: 15 & over
 - **Lincoln Co. Dog Project Age Divisions**
 - Junior: 8-9
 - Intermediate: 10-13
 - Senior: 14 & over
 - **Logan County:**
 - Junior: 8-11
 - Intermediate: 12-13
 - Senior: 14 & over
 - **McPherson County:**
 - Junior: 8-12
 - Senior: 13 & over

ANIMAL SCIENCE

IAFE (INTERNATIONAL ASSOCIATION OF FAIRS AND EXPOSITIONS) NATIONAL CODE OF SHOW RING ETHICS: Exhibitors of animals at livestock shows shall always deport themselves with honesty and good sportsmanship. Their conduct in this competitive environment shall always reflect the highest standards of honor and dignity to promote the advancement of agricultural education. This code applies to junior as well as open class exhibitors who compete in structured classes of competition. This code applies to all livestock offered in any event at a livestock show. In addition to the "IAFE National Code of Show Ring Ethics," fairs and livestock shows may have rules and regulations which they impose on the local, county, state, provincial, and national levels. All youth leaders working with junior exhibitors are under an affirmative responsibility to do more than avoid improper conduct or questionable acts. Their moral values must be so certain and positive that those younger and more pliable will be influenced by their fine example. Owners, exhibitors, fitters, trainers,

and responsible persons who violate the code of ethics will forfeit premiums, awards and auction proceeds and shall be prohibited from future exhibition in accordance with the rules adopted by the respective fairs and livestock shows. Exhibitors who violate this code of ethics demean the integrity of all livestock exhibitors and should be prohibited from competition at all livestock shows in the United States and Canada.

GENERAL INFORMATION

1. All exhibitors must present, upon request of fair and livestock show officials, proof of ownership, length of ownership and age of all animals entered. Misrepresentation of ownership, age, or any facts relating thereto is prohibited.
2. Owners, exhibitors, trainers, or responsible persons shall provide animal health certificates from licensed veterinarians upon request by fair or livestock show officials.
3. Junior exhibitors are expected to care for and groom their animals while at fairs or livestock shows.
4. Animals shall be presented to show events where they will enter the food chain free of volatile drug residues. The act of entering an animal in a livestock show is the giving of consent by the owner, exhibitor, trainer and/or responsible person for show management to obtain any specimens of urine, saliva, blood, or other substances from the animal to be used in testing. Animals not entered in an event which culminates with the animal entering the food chain shall not be administered drugs other than in accordance with applicable federal, state, and provincial statutes, regulations, and rules. Livestock shall not be exhibited if the drugs administered in accordance with federal, state, and provincial statutes, regulations and rules affect the animal's performance or appearance at the event. If the laboratory report on the analysis of saliva, urine, blood, or other sample taken from livestock indicates the presence of forbidden drugs or medication, this shall be prima facie evidence such substance has been administered to the animal either internally or externally. It is presumed that the sample of urine, saliva, blood, or other substance tested by the laboratory to which it is sent is the one taken from the animal in question, its integrity is preserved and all procedures of said collection and preservation, transfer to the laboratory and analysis of the sample are correct and accurate and the report received from the laboratory pertains to the sample taken from the animal in question and correctly reflects the condition of the animal at the time the sample was taken, with the burden on the owner, exhibitor, fitter, trainer, or absolutely responsible person to prove otherwise. At any time after an animal arrives on the fair or livestock show premises, all treatments involving the use of drugs and/or medications for the sole purpose of protecting the health of the animal shall be administered by a licensed veterinarian.
5. Any surgical procedure or injection of any foreign substance or drug or the external application of any substance (irritant, counterirritant, or similar substance) which could affect the animal's performance or alter its natural contour, confirmation, or appearance, except external applications of substances to the hoofs or horns of animals which affect appearance only and except for surgical procedures performed by a duly licensed veterinarian for the sole purpose of protecting the health of the animal, is prohibited.
6. The use of showing and/or handling practices or devices such as striking animals to cause swelling, using electrical contrivance, or other similar practices are not acceptable and are prohibited.
7. Direct criticism or interference with the judge, fair or livestock show management, other exhibitors, breed representatives, or show officials, before, during, or after the competitive event is prohibited. In the furtherance of their official duty, all judges, fair and livestock show management, or other show officials shall be treated with courtesy, cooperation and respect and no person shall direct abusive or threatening conduct toward them.
8. No owner, exhibitor, trainer, or responsible person shall conspire with another person or persons to intentionally violate this code of ethics or knowingly contribute or cooperate with another person or persons either by affirmative action or inaction to violate this code of ethics. Violation of this rule shall subject such individual to disciplinary action.
9. The application of this code of ethics provides for absolute responsibility for an animal's condition by an owner, exhibitor, trainer, or participant whether he or she was instrumental in or had actual knowledge of the treatment of the animal in contravention of this code of ethics.
10. The act of entering an animal is the giving of consent by the owner, exhibitor, trainer, or responsible person to have disciplinary action taken by the fair or livestock show for violation of this Code of Show Ring Ethics and any other rules of competition of the fair or livestock show without recourse against the fair or livestock show. The act of entering an animal is the giving of consent that any proceedings or disciplinary action taken by the fair or livestock show may be published with the name of the violator or violators in any publication of the International Association of Fairs and Expositions, including *Fairs and Expos* and any special notices to members.
11. The act of entering of an animal in a fair or livestock show is the giving of verification by the owner, exhibitor, fitter, trainer, or responsible person

that he or she has read the IAFE National Code of Show Ring Ethics and understands the consequences of and penalties provided for actions prohibited by the code. It is further a consent that any action which contravenes these rules and is also in violation of federal, state, or provincial statutes, regulations, or rules may be released to appropriate law enforcement authorities with jurisdiction over such infractions.

12. **ELIGIBILITY OF EXHIBITORS:** An exhibitor must be a 4-H member enrolled in the project they are exhibiting in the county which he/she represents. Youth must be enrolled in 4-H by June 15 of the current year.
13. **DRESS CODE:** The 4-H Dress Code requirements apply to **ALL** 4-H classes. Horse exhibitors follow guidelines in Nebraska 4-H Horse Show & Judging Guide. All other livestock and animal exhibitors wear blue jeans and a designated shirt with 4-H chevron, a 4-H T-shirt while exhibiting and at the 4-H livestock auction. Rabbit exhibitors are encouraged to wear a white shirt with 4-H chevron or arm band (long-sleeved white shirt optional). Cowboy hats are the only acceptable headdress, etc.
14. **QUALITY ASSURANCE TRAINING:** All exhibitors in any livestock project; beef, dairy cattle, goats, poultry, rabbits, sheep, and swine must have received Quality Assurance training. See Extension Office for updated information.
15. **ANIMAL HEALTH:** The Show Management assumes all livestock animals and horses are of good healthy standing and free from disease. Any animal deemed to be sick or unhealthy will be excused on the day of the show at the discretion of Show Management. All decisions made by Show Management will be final.
16. **SHOW MANAGEMENT DEFINITION:** Show Management includes Nebraska Extension staff, 4-H Council and volunteers in the Superintendent or Committee roles.
17. **ELIGIBILITY OF ANIMALS:** Qualified animals for a 4-H class at the county fair must be registered purebred or nonregistered commercial breeding animals, market beef, feeder calves, market lambs, market goats, market swine and those exotic breeds of breeding beef where the respective Associations issue certified papers. A breeding animal to be eligible for show in a registered (purebred) class must be owned by the exhibitor by June 15 of the current year and be registered by the official breed association. The registration paper or certificate must indicate one of the following: (1) the name of the exhibitor, (2) the name of the exhibitor and/or a co-owner who is an immediate member of the exhibitor's family (members of a household, including parents, brothers and sisters and youth in care of the head of the household) or (3) the family or ranch name or parent's name. Copies

of the registration papers or certificates must be presented at check-in. **REGISTRATION MUST BE COMPLETED BY FAIR DATE ESTABLISHED BY THE COUNTY 4-H PROGRAM.**

18. Any 4-H project animal that has been offered for auction, where the intent of the auction is change of ownership, is ineligible for the 4-H livestock classes at the Nebraska State Fair. This includes animals offered for sale in other events at the Nebraska State Fair, when the event is prior to the 4-H event the animal is entered in. A project animal that has been through a "premium only" auction is eligible to be exhibited at the Nebraska State Fair, provided it and its exhibitor meet all other ownership and eligibility requirements. A "premium only" auction is defined as an event in which change of ownership is never the intent; but the intent is only to provide a monetary premium to accompany the ribbon earned by the exhibit.
19. **OWNERSHIP OF ANIMALS:** All animals (Exception Poultry) have an ownership affidavit on file in the Extension Office to be eligible to participate in the 4-H Show by appropriate dates. (June 15 for all species)
20. **GROOMING:** Responsibility for grooming animals for show is primarily the responsibility of the exhibitor. The 4-H Council, extension staff and livestock superintendents ask all exhibitors to remember that the goals of the 4-H program are for the youth to learn by doing, and to develop skills related to their projects that will be useful not only now but later in life. This means that for the 4-H member to learn that they should first try to do work related to their project and request assistance and advice when needed from leaders, parents, and other experienced individuals, but not to expect those helping do all the work.
21. **Guidelines for the Blow and Go show:**
 - All beef, swine, sheep, and goats (showmanship, market, feeder and breeding) will be shown Blow & Go. Animals may be clipped, blown, brushed, or combed to enhance their appearance. All animals will be shown free of any adhesive, glue, paint, or powder products.
 - Any compounds that have adhesive qualities that when applied cannot be combed or brushed through or alter the color of the animal are forbidden. These products include but are not limited to commonly used adhesives and colorants such as Prime Time, EZ Comb, Tail Adhesive, Natural Hold, Ultra White Touch-Up, Black Touch Up, Black Finisher, black show foam, and baby powder.
 - Alcohol, water, oil, foam or any water or alcohol-based products with no adhesives or glue qualities, or artificial colorings are permitted. These products include conditioners and

- commonly used sprays such as Kleen Sheen, Revive, Final Bloom, Pink Oil, white show foam, Freshen Up, Silk, and Sudden Impact. Paint will be allowed on the hooves and dewclaws only.
- Any animal found to have prohibited products applied (adhesive, glue, paint, or powder products) will be disqualified from competition. Any premiums (physical or monetary) will be forfeited, and no refunds will be made. All animals will be subject to visual inspection and/or toweling (before and/or after entering the show ring) using a disposable blue shop towel for the presence of adhesive, glue, paint, or powder products. Toweling of the animal may include, but is not limited to, the topline, legs, chest, belly, flank, and cod/udder areas. If, after inspection, the animal is found to have adhesive, glue, paint, or powder products applied it will be disqualified from competition. Any premiums (physical or monetary) will be forfeited, and no refunds will be made.
22. Dehorning, debudding, castration and docking wounds should be healed prior to bringing an animal to the fair for exhibition. **Any unnatural means of providing an animal food, water, or other fluids (i.e., stomach pump, IV) apart from the drenching process will not be allowed. No artificial hair or hair-like substances will be allowed.**
 23. Logan County: Clipping/grooming/blowing of livestock is allowed on the day of the county fair livestock show if done by the youth 4-H member.
 24. **SUBSTITUTE SHOWMAN**: An animal must be shown by the 4-H owner who entered it unless the exhibitor is excused by the Division Superintendent because of serious illness, disability due to an injury (e.g., broken arm or leg) or conflict with other livestock classes in a 4-H show. An exhibitor who has more than one animal in a class need not secure approval for another 4-H member, eligible to exhibit livestock, to show the additional animal in the class. Substitute showmen must be a 4-H member exhibiting at the current County Fair or 4-H Livestock Show and must be from the county in which the show is being held. All substitute showmen should wear an exhibitor number identifying him/her as a substitute showman.
 25. **BLOCKING CHUTES: Blocking chutes for cattle can be set-up after beef weigh-in and must be out Saturday night after the show. (Lincoln County)**. Blocking chutes will be allowed in the barns in designated areas only, no blocking chutes or other grooming equipment will be allowed in the alleys. All other equipment must be in the club's own stall or tack area, or outside the barn.
 26. **FANS for cooling sheep, swine, or goats** must be protected (covered) in such a way that there is no exposure of belts or blades to livestock or people. All fans should be mounted in a safe manner, securely off the ground (the higher the better) NO freestanding fans, including butt fans, are allowed.
 27. **FANS for cooling cattle "must be mounted"** no free-standing fans, a protective screen is required. If mounting cage fans at rear of cattle, a wind screen must be placed in front of your calves. All caged fans must be mounted. All fans must be mounted at a minimum of 5 feet at bottom of fan.
 28. **LIVESTOCK BARN CURFEW Lincoln County**: To increase security for livestock and equipment at the fair, a curfew on the livestock barns and tie-out areas will be imposed on all individuals from 11:00 p.m. to 5:00 a.m. No one, including spectators, exhibitors, or staff is to be in the barns during this time. Fair security will remove violators and notify staff of violations.
 29. **MARKET LIVESTOCK WEIGHING RULE**: Weigh-ins for beef, sheep and goats are optional. Those that DO NOT WEIGH will be ineligible for rate of gain class and production class.
 30. No reweigh will be allowed unless at the discretion of the superintendents and MUST be conducted immediately. The second weight WILL STAND.
 31. *****FAILURE TO FOLLOW THE RULES MAY RESULT IN LOWERING OF A RIBBON OR POSSIBLE DISQUALIFICATION.**
 32. **ANIMAL BEDDING FEES: Lincoln County**: All species exhibitors will be responsible for their own stall bedding. **Only wood chips/shavings can be used.** No paper or cedar chips are allowed on the Fairgrounds. Stall or cover mats may be used for sheep.
 33. **AK-SAR-BEN**: Entries are entered by 4-H family online by the Ak-Sar-Ben Entry Deadline.
 34. **NEBRASKA STATE FAIR**: Entries are entered by 4-H family through ShoWorks by the Entry Deadline.
 35. Livestock and horse entries must receive a purple ribbon to be eligible for the Champion Rosette. The same animal cannot be shown in more than one class except for Showmanship and Best Pair of Heifers.
 36. Drug affidavit and disclosure statements will be required of all production classes of animals. Those forms will be available at the Extension office during the pre-entry period. Forms must be turned in at check in time at fair. Any animal destined for slaughter, or the 4-H Sale must have their forms completed or they will be excluded. Animals may be exhibited during a withdrawal period but must be past withdrawal period by sale day to participate in the 4-H Livestock Sale. Entries requiring the drug affidavit include market beef, market sheep, market goats, all swine, rabbit meat pens and broiler pens.

PRODUCTION CLASSES

1. You may only enter 1 market animal per species in a production class. (Specific animal must be selected at pre-fair entry)
2. Animal Age and Weights:
 - Steers must be at least 1000 lbs. and Heifers must be at least 1000 lbs. at the fair and born after January 1 of current year.
 - Hogs must be under one year of age and weigh a minimum of 230 lbs. and not more than 320 lbs. at the fair.
 - Sheep must weigh a minimum of 100 lbs. for wool breeds and a minimum of 70 lbs. for hair breeds. Age: Must have milk teeth and no evidence of breaking of the skin or eruption of the two permanent front teeth.
 - Goats must weight a minimum of 50 lbs. Age: Must have milk teeth and no evidence of breaking of the skin or eruption of the two permanent front teeth.
 - Rabbits should not be over 12 weeks of age and should not be under 5 ½ lbs.
 - Poultry must weigh a minimum of 4 lbs. Must have been purchased on the same date from the same poultry supplier according to each county's policy.
3. The production champion per species will be the youth with the highest total score from the live show, rate of gain and record book. Placing will be based on how the animal gains.
4. Record books for the market animals will need to be turned in September 15. Each book will be judged with a maximum possible score of 25 points.
5. The top gaining market animal will have its weight multiplied by a factor to total a score of 25 points. This factor will then be used to figure points for the remaining animals in the production class.
6. Showmanship will account for 10 points total. Purple will be 10 points, blue is 9 points, red is 8 points, and white is 7 points. Those not participating in showmanship will receiving 0 points.
7. Production Champion for each part (the live show, rate of gain, record book, and showmanship) will receive 2 additional points with reserves receiving 1 additional point. Does not qualify without record book. Swine, Rabbit, & Poultry will not have rate of gain.

ROUND ROBIN SHOWMANSHIP FOR BEEF, SHEEP, SWINE & MEAT GOAT

1. FFA and 4-H will show together.
2. Logan & McPherson also include dairy animals.
3. Champion and Reserve Champion showmen in the senior and intermediate age categories in beef, sheep, swine, and meat goat will be eligible for the Round Robin Contest. A knowledge test of

the four species will be incorporated into the scoring system. This is an award class without additional premiums.

4. In the round robin contest exhibitors will stay with their age division and will no longer move to a more advanced age division after winning their current age division. Showmen would stay in their age category until such time as they moved up for the reason of 4-H age. An exhibitor qualifying for the Round Robin in multiple species will exhibit the species they select. The Exhibitor must use the animal they qualified with and must supply his/her own livestock for the remaining competition. You may borrow from another County Fair 4-H exhibitor for the remaining species.

4-H CLOVER KID LIVESTOCK DIVISIONS

1. Each Clover Kid may bring one entry per species. See Clover Kid Department for more information. Animals do not get housed at the fairgrounds unless sharing with a 4-H sibling.
2. Clover Kids may share an animal owned and properly identified by an older sibling in Lincoln, Logan, and McPherson counties. All animals must meet health requirements. All animals need County Only Tag or Registration Tattoo and animal ID sheet.
3. Dogs and cats must be properly vaccinated, and the 4-H vaccination sheet must be completed.

Livestock Sale McPherson County

1. Each member shall sell their own livestock animals at the livestock sale, unless the 4-H/FFA member is ill, injured, or otherwise excused by the appropriate livestock superintendent. Exhibitor may sell only a total of three (3) animal lots with a maximum of two (2) animal lots per species and of each gender. One (1) animal lot is defined as: 1 market beef or 1 market sheep, or 1 market swine, or 1 market goat, or 1 poultry broiler pen (3 birds or 1 rabbit fryer pen (2 rabbits).
2. Market livestock must meet the following weight requirements to be eligible for sale. A provision for exceptions to the minimum weight rule regarding non-traditional breed animals can be allowed by the judge and attending extension staff for acceptance into the livestock sale. No MAXIMUM weight requirements.
 - Market Steer – 1000 lbs.
 - Market Heifer –1000 lbs.
 - Market Lamb – 100 lbs.
 - Market Hog – 230 lbs.
 - Market Goat – 50 lbs.

3. Any 4-H project animal that has been sold through the county fair premium ribbon sale is eligible for further 4-H competition.

Logan County

1. Exhibitors will be limited to two market animals in the live sale.
2. Animals that are not consigned to sale are the responsibility of the exhibitor.
3. Animals MUST weigh at the designated time, prior to the sale, except for market broiler and meat rabbit pens.
4. A consignment paper MUST be completed to be eligible for the Livestock Sale.
5. Market livestock must meet the following MINIMUM weight requirements to be eligible for sale. No MAXIMUM weight requirements.
 - Market Steer – 1000 lbs.
 - Market Heifer – 1000 lbs.
 - Market Lamb – 100 lbs.
 - Market Hog – 230 lbs.
 - Market Goat – 50 lbs.
6. Any animal that goes through the auction ring is not eligible for future 4-H competition in any show.
7. Exhibitors who have no animals make weight will receive 10% of pool money, for 1 animal only, in lieu of being able to sell an animal.

HERDSMANSHIP

Lincoln County

1. All clubs and 4-H members are expected to keep pens, stalls, and aisles neat and clean at all times. Ribbon placings for club rating will be given in herdsmanship. The objective of herdsmanship at the Lincoln County Fair is for all 4-H clubs and groups to display their livestock in an attractive and courteous manner. Competition in herdsmanship should be considered an incentive and should in no way distract from the objective of herdsmanship.
2. Failure to keep area neat and clean can constitute grounds for withholding premiums. Judging can take place between 9 a.m. and 8 p.m. Special consideration can be given on respective show days. Special consideration can also be given to small clubs that do not have enough members to always monitor their areas. A herdsmanship score sheet will be used as a judging guide. The point system will not be used except as a guide for the judge. The score sheet can include the following areas and should serve as a guideline to clubs: Animals clean, grooming evident, animals secured, stalls/pens proper and adequate bedding, clean bedding, feeding/watering equipment, adequate & proper equipment removed from stalls/pens when not in use, alleys clean of debris and bedding, dust and loose dirt controlled, clear of equipment and

tack, tack and grooming area clean & neat, all tack, feed & equipment properly stored, exhibitors (one or more present) courteous, proper conduct, cooperation with other clubs, compliance with curfew, and tie out. Penalty points will be assessed for non-compliance equal to one half of total points possible on previous scoring period.

3. Ribbon placing will be awarded. No cash prizes. Herdsmanship winners will be honored as follows: There will be species categories for beef, sheep, swine, goats, rabbits, and poultry. In the event of a tie, the scores for the final day of fair will be used as a tiebreaker. If scores are still tied, the score for the first day of fair (Thursday) will constitute a secondary tiebreaker and will continue through the second and third days respectively if needed.

LIVESTOCK JUDGING

F532-911 **Senior Livestock Judging**

F532-912 **Intermediate Livestock Judging**

F532-913 **Junior Livestock Judging**

BEEF

BEEF TIE-OUTS: Lincoln County

The Lincoln County Ag Society with the help of 4-H has developed a permanent beef tie-out area. Animals may be in the tie-out area after 5:00 p.m. and MUST be in the tie-out area by 11:00 p.m. and until 8:00 a.m. and MUST be in the barns by 9:00 a.m. each morning. Tie-outs are mandatory every night unless notified by the superintendents. Official notice is posted at the Beef Arena Bulletin Board. Beef Superintendents will post times that cattle must be moved to the tie-out areas. Straw will be the only bedding allowed in the tie-out area and must be supplied by the exhibitors. The penalty for not moving beef animals to or from the tie-out area in the allotted time will result in the animal receiving a red ribbon and forfeiture of premiums. The use of panels will be determined by the superintendent yearly. The species letter prior to county fair will clarify any rule changes and clarify times in which livestock should be required to be out of the barn.

Lincoln County:

1. A member may show three 4-H market beef animals (steers and/or heifers) (which includes bred & fed class), and three breeding heifers.
2. All market beef will be weighed. Classes will be divided by weight at the discretion of the supervising committee.
3. Only steers and market heifers are eligible for the Livestock Sale.

4. Breeding Heifers must check in at the check in (scale) area following the weighing of market beef.
5. See Dept. Animal, General Rules for guidelines on fan safety & placement.
6. See Dept. Animal, General Rules for Quality Assurance training requirements.
7. Brand release will be required only on those animals going through the sale and traveling out of state.
8. Bucket calves and Stocker Feeder calves born in current year must be on the grounds and checked in at a specific time and will be released immediately after they are shown. (See County Fair Species letter.)
9. All cattle shown in breed market classes must meet breed identification requirements as stated by the respective breed associations.
10. All calves entered in the 4-H market beef class must have been born after January 1 of the previous year. A market beef animal may have the two center temporary incisor teeth replaced by permanent incisors. The remaining six temporary incisors must be in place and there may be no evidence of eruption of any permanent incisors other than the centers.
11. Crossbred steers will be divided into divisions by light, medium and heavy weight. The top 2 steers (purple) in each weight division will compete for Champion X-Bred Steer.
12. Purple ribbon winners will be selected from classes during the regular judging.
13. A breed Champion and breed Reserve Champion steer will be selected from top two purple ribbon winners of each class.
14. A Champion and Reserve Champion will be selected from the market heifer classes.
15. A Grand Champion and Reserve Grand Champion Market Beef will be selected from Breed, Bred and Fed, X-Bred, and Market Heifer Champions.
16. Each exhibitor is limited to three market animals (steers and/or heifers) in the live show.
17. Market classes will be divided by weight with approximately 12 head in each class where possible.
18. Market Steers and market heifers **must meet minimum weight requirements** to be eligible for sale. The minimum weight for both market heifers and market steers is **1000 lbs.** There will be no allowance for shrinkage.
19. Animals that do not meet the minimum weight requirements will be allowed to show in a pre-market class. However, they will not be eligible to receive a ribbon placing or a premium higher than a blue and will not be eligible to sell in the sale.
20. All animals are subject to check by superintendents for breed identification. Must meet breed Identification requirements as stated by the respected breed association.
21. Animals cannot leave grounds early.

22. Guidelines for the Blow and Go show:

- All beef, swine, sheep, and goats (showmanship, market, feeder and breeding) will be shown Blow & Go. Animals may be clipped, blown, brushed, or combed to enhance their appearance. All animals will be shown free of any adhesive, glue, paint, or powder products.
- Any compounds that have adhesive qualities that when applied cannot be combed or brushed through, or alters the color of the animal are forbidden. These products include, but are not limited to, commonly used adhesives and colorants such as Prime Time, EZ Comb, Tail Adhesive, Natural Hold, Ultra White Touch-Up, Black Touch Up, Black Finisher, black show foam, and baby powder.
- Alcohol, water, oil, foam or any water or alcohol-based products with no adhesives or glue qualities, or artificial colorings are permitted. These products include conditioners and commonly used sprays such as Kleen Sheen, Revive, Final Bloom, Pink Oil, white show foam, Freshen Up, Silk, and Sudden Impact. Paint will be allowed on the hooves and dewclaws only.
- Any animal found to have prohibited products applied (adhesive, glue, paint, or powder products) will be disqualified from competition. Any premiums (physical or monetary) will be forfeited, and no refunds will be made. All animals will be subject to visual inspection and/or toweling (before and/or after entering the show ring) using a disposable blue shop towel for the presence of adhesive, glue, paint, or powder products. Toweling of the animal may include, but is not limited to, the topline, legs, chest, belly, flank, and cod/udder areas. If, after inspection, the animal is found to have adhesive, glue, paint, or powder products applied it will be disqualified from competition. Any premiums (physical or monetary) will be forfeited, and no refunds will be made.

Logan County:

1. Minimum weights: Market **Steers & Market heifers weighing under 1000 lbs.** at weigh-in will be lowered a ribbon placing. No re-weighs allowed.
2. The Market Beef show will be divided into market steer divisions and one market heifer division. First and second place purples from each class will compete for Champion and Reserve Champion Divisions.
3. Grand Champion and Reserve Grand Champion market beef will be selected from the Champions listed in the rules above.
4. Any purple ribbon market beef will be subject to both urine and blood analysis for diuretics and anabolic compounds at the discretion of show management.

5. Superintendent of the show reserves the right to combine classes if less than 3 animals are entered per class.
6. All market beef must be properly identified.

BEEF SHOWMANSHIP

1. See age divisions under 4-H Policy.
2. Each exhibitor can show any animal that was listed on their ID sheet and entered in the live show. However, this animal may be shown by only one exhibitor for showmanship.
3. Animals and showmen will only be evaluated on the ability of the showman to present the animal.
4. All exhibitors must conform to the "Dress Code".
5. Lincoln County: Shall be a blow and go contest.
6. McPherson County: Champion showmen of previous years will be eligible for competition in that age division and class of livestock which they have won.

- G015-901 **Junior Showmanship**
 G015-902 **Intermediate Showmanship**
 G015-903 **Senior Showmanship**

MARKET BEEF CLASSES

Lincoln County:

- G016-010 **Angus Steers**
 G016-020 **Shorthorns Steers**
 G016-030 **Hereford Steers**
 G016-040 **Crossbred & Other Steers**
 G016-050 **Market Heifers**

Logan & McPherson County:

- G016-900 **Market Steers** (All breeds)
 G016-901 **Market Heifers** (All breeds)

MARKET BEEF – PEN OF 3 – Logan County Only

G016-902 **Pen of Three** (*All cattle must show in a market class to be eligible for a Pen of 3.*)

MARKET BEEF - BRED AND FED

Lincoln County: Bred and Fed Steer Division

1. This division is designed to honor the fine quality of animals produced in Lincoln County on the exhibitor's own farm or ranch.
2. The exhibitor or exhibitor's immediate family (including grandpa/grandma) owned the female, which is the mother of the market animal project, at the time of conception, and that it was born and fed on the exhibitor's farm/place of 4-H project care.
3. The steer must carry the personal brand of the 4-H member or the brand of their parent or legal guardian. Immediate family for the purpose of determination of eligibility for the bred and fed class will be defined as the parent or legal guardian. **The brand will be required at pre-fair time. Brands must be submitted to the office by 7/1.**

4. Must fill out a Market Beef Affidavit along with the Bred and Fed paperwork available at the Extension Office or at llm.unl.edu.

5. Bred and fed classes will be divided by weight at the discretion of the supervising committee.
6. An exhibitor is still only allowed three market beef. If the animal qualifies for Bred and Fed, it may show in either that category or the traditional steer class. Exhibitor can make the designation at the time of pre-entry.

G016-903 **Bred and Fed Steers**

G016-904 **Bred and Fed Heifers**

MARKET BEEF - RATE OF GAIN

Lincoln County: Market beef must be weighed in and tagged at the county weigh in day in March and exhibited in market beef classes at fair. A final weight will be taken during the County Fair Beef Weigh in. Ribbons will be awarded.

Logan County: Market beef must be weighed in and tagged at the county weigh in day. A final weight will be taken on County Fair show day. Weights will be ranked in appropriate ribbon groups. Ribbons will be awarded.

McPherson County: Market beef must be weighed in and tagged at the county weigh in day. A final weight will be taken on County Fair show day. Weights will be ranked in appropriate ribbon groups. Ribbons will be awarded.

G016-904 **Beef Rate of Gain**

MARKET BEEF - PRODUCTION BEEF

Lincoln County Only: You must be entered in a market class and complete a record book to compete in this class. For further instruction on record books and rules see new guidelines in Animal General Rules Production Classes.

G016-905 **Beef Production Class**

BEEF FITTING CONTEST

(Lincoln County Only)

1. The purpose of a fitting contest is to encourage teamwork while enhancing the animal fitting skills of the team members. Each fitting team provides the grooming equipment and supplies.
2. The fitting contest is for fun & educational! The top two winning teams will be selected as the Fitting Contest Winners and will receive recognition in the form of a prize.
3. Teams will consist of three 4-H members. Every team must have **at least** one Junior Member (4-H age 8-11) and **maximum of one** Senior Member (4-H age 14-18). Up to 2 intermediates (4-H age 12-13) may also be on a team.

4. All Lincoln County 4-Her's are welcome to participate. Fitting team members must be officially enrolled in the Lincoln County 4-H Program by June 15.
5. Teams will provide their own beef animal for the contest. All beef will be washed and dried prior to the contest starting.
6. All beef teams must use an animal entered in the Beef Show.
7. Have your supplies and chute in the arena prior to the start of the contest. Once the contest starts, you may not leave the arena.
8. Absolutely no coaching from spectators.
9. NO adults will be allowed in the arena during the contest except for the Judge, Superintendents, and Extension Staff.
10. Beef teams will have 30 minutes to finish.
11. Beef will be judged on:
 - a. Ability to fit the animal/fitting techniques (within a limited timeframe)
 - b. Organization of supplies and equipment
 - c. Participation of each team member (teamwork and safety)
 - d. If you finish on time
 - e. Overall effect/final fitting results
12. All teams must register by July 1 at 5:00 pm. Registration forms will be available at the Extension Office, or on our website lm.unl.edu.
13. Any team/individual found to be interfering with or intentionally hampering another team will be asked to leave the contest.
14. The Nebraska 4-H Code of Conduct is to be followed at all times.

G016-906 Beef Fitting Contest

BREEDING HEIFERS

1. Breeding heifers must be identified on the 4-H ownership affidavit with a herd tag or an ear tattoo. No ear tags will be allowed as official 4-H identification.
2. Only heifers carried in the breeding heifer project are eligible to show in a breeding heifer division.
3. All breeding heifers must be registered, with papers ready to present on entry day, or they will show in the Commercial/Crossbred division.
4. Breeding heifers must check at the scale house following market weigh-ins.
5. Any breed division with less than three head will be shown in the AOB (All Other Breeds) division
6. All heifers must be calved the previous year.

Lincoln County: Champions and Reserve Champions will be selected in all breeds in the breeding heifer division. Breed champions will compete

for Grand Champion Overall Breeding Heifer and Reserve Grand Champion Breeding Heifer.

Breeds: Angus, Charolais, Chianina, Commercial/Crossbred, Gelbvieh, Hereford, Limousin, Maine Anjou, Shorthorn, Simmental, AOB. *When you fill out your online Pre-Fair Entries, it is mandatory to include the breed of your heifer.*

- G017-005 **Senior Yearling Heifer – Aug-Dec 21'**
- G017-010 **Jan-Feb Yearling**
- G017-020 **March-April Yearling**
- G017-030 **May-June Yearling**
- G017-040 **July-August Yearling**
- G017-050 **Sept-October Calves**
- G017-060 **Nov-December Calves**

McPherson & Logan Counties: All breeding heifers will show as one class with all breeds included.

- G018-070 **Jan-April Yearling**
- G018-080 **May-August Yearling**
- G018-090 **Sept-December Yearling**

STOCKER FEEDER

1. Animal is fed by mother.
2. 4-H members enrolled in the Stocker-Feeder project may exhibit steer or heifer calves in this class.
4. Classes will be split at the discretion of the supervising committee.

- G020-901 **Steers, calved current year**
- G020-902 **Heifers, calved current year**

BUCKET CALF

1. Animal is fed with bottle
2. Exhibits are limited to 4-H'ers 8 - 12 years old. Calf must have been born after Jan 1 of current year.
3. Bucket calves CANNOT be used for showmanship.
4. No champions will be selected in the bucket calf show.
5. Washing and grooming is allowed. No clipping is allowed.
6. Will not be stalled at Fair.
7. Must have a county tag, EID tag or registration tattoo and county animal ID sheet.
8. 4-H'ers must exhibit their calf in the show ring.
9. Judging will consist of interviews conducted at that time. Scoring will be based on condition of animal, evidence of training, 4-H'ers knowledge of the animal (i.e., feeding, age, breed, training, plans for the calf after fair, etc.). Scoring will NOT be based on quality of the animal or the fitting of the animal.

- G021-901 **Bucket Calf**
- K900-979 **Clover Kid Bucket Calf Showmanship**

DAIRY CATTLE

McPherson & Logan County ONLY

Logan County:

1. One 4-H member is limited to 3 dairy animals.
2. Exhibitors of dairy animals must have enrolled and identified on the appropriate ID sheet.

DAIRY CATTLE SHOWMANSHIP: See age divisions under 4-H Policy

G026-901 **Junior Showmanship**

G026-902 **Intermediate Showmanship**

G026-903 **Senior Showmanship**

DAIRY CATTLE

G027-905 **Dairy Heifer, under 1 year**

G027-906 **Dairy Heifer, yearling**

G027-907 **Dairy Cow**

SHEEP

DEFINITION OF MARKET LAMBS: Wether and ewe lambs are eligible for market classes. Short scrotum, cryptorchid or ram lambs are not eligible as market lambs.

USDA Official Identification: All breeding sheep and ewe lambs (market & breeding) must be identified with USDA official ID (part of USDA mandatory scrapie eradication program). Call 1-866-USDA-TAG (866-873-2824)

Lifting lambs' feet off ground, placing feet on support, or altering ring surface to change support will result in disqualification. Muzzles are not allowed.

*****FAILURE TO FOLLOW THE RULES MAY RESULT IN LOWERING OF A RIBBON OR POSSIBLE DISQUALIFICATION.**

Lincoln County:

1. **Fungus Rule:** All sheep will be inspected by a veterinarian or superintendent for club lamb fungus prior to entering the building. There will be only one entry point to the exhibition barn during the entry period. Exhibitors will be notified before fair of times when animals will be allowed to enter the building. There will be an entry period Wednesday evening and Thursday morning. Any lambs on the fairgrounds that have not been checked into the barn must remain on the pickup or trailer.
2. A member shall be limited to showing a maximum of 3 individual market lambs, 3 individual breeding ewes for a total of 6 head. In addition, if you plan to compete in showmanship, you need to complete an entry for that class.
3. All lambs will be weighed at the time of entry. Any lambs not meeting the minimum weight requirements will not be eligible to sell in the sale. Minimum weight on market lambs is 100 lbs. for wool breeds and 70 lbs. for hair breeds. There will be no allowance for shrink. See re-weigh rule in general section. Lambs which do not meet minimum weight requirements will be

allowed to show in a pre-market class. However, they cannot receive a ribbon placing or premium higher than a blue and are not eligible to sell in the Sale.

4. The same sheep may not be shown in both market and breeding classes. To be eligible for the show, sheep must be identified by June 15.
5. Market lambs must have a scrapie tag at the weigh-in day in May/early June. Any market lamb not carrying the 4-H identification will not be eligible to show. Any lamb losing a tag must be re-tagged prior to the fair and appropriate notification supplied to the extension office.
6. First and second purple ribbon winners in each class return for selection of Division Champion and Reserve Champion. Division Champion and Reserve Champion will return for the selection of Grand Champion and Reserve Grand Champion.
7. Exhibitors check with Lincoln County Livestock Sale Committee for premium sale requirements.
8. All classes will be divided by sex and weight. Weight classes will be determined by the superintendents following weigh in.
9. **Guidelines for the Blow and Go show:**
 - All beef, swine, sheep, and goats (showmanship, market, feeder, and breeding) will be shown Blow & Go. Animals may be clipped, blown, brushed, or combed to enhance their appearance. All animals will be shown free of any adhesive, glue, paint, or powder products.
 - Any compounds that have adhesive qualities that when applied cannot be combed or brushed through or alter the color of the animal are forbidden. These products include but are not limited to commonly used adhesives and colorants such as Prime Time, EZ Comb, Tail Adhesive, Natural Hold, Ultra White Touch-Up, Black Touch Up, Black Finisher, black show foam, and baby powder.
 - Alcohol, water, oil, foam or any water or alcohol-based products with no adhesives or glue qualities, or artificial colorings are permitted. These products include conditioners and commonly used sprays such as Kleen Sheen, Revive, Final Bloom, Pink Oil, white show foam, Freshen Up, Silk, and Sudden Impact. Paint will be allowed on the hooves and dewclaws only.
 - Any animal found to have prohibited products applied (adhesive, glue, paint, or powder products) will be disqualified from competition. Any premiums (physical or monetary) will be forfeited, and no refunds will be made. All animals will be subject to visual inspection and/or toweling (before and/or after entering the show ring) using a disposable blue shop towel for the presence of adhesive, glue, paint, or powder products. Toweling of the animal may include, but is not limited to, the topline, legs,

chest, belly, flank, and cod/udder areas. If, after inspection, the animal is found to have adhesive, glue, paint, or powder products applied it will be disqualified from competition. Any premiums (physical or monetary) will be forfeited, and no refunds will be made.

Logan County:

1. A 4-H member is limited to exhibiting a maximum of 3 market lambs and 3 breeding ewes for a total of 6 head.
2. No muzzles or similar devices will be allowed on 4-H sheep at this show.
3. The use of showing and/or handling practices that may be considered objectionable or abusive, such as striking or slapping lambs and exhibiting the lamb with its feet off the ground, are not acceptable. The use of such practices may result in lowering of a ribbon placing.
4. Market wethers and ewes will show in the same class.
5. Minimum weight 100 lbs. or 70 lbs. for hair sheep. There is no maximum weight.

SHEEP SHOWMANSHIP

- K900-980 **Clover Kid Sheep Showmanship**
G030-901 **Junior Showmanship**
G030-902 **Intermediate Showmanship**
G030-903 **Senior Showmanship**

MARKET LAMBS

- G031-010 **Market Wether**
G031-020 **Market Ewe**
G031-030 **Market Hair Sheep** (70 lb. minimum weight)
G031-901 **Feeder Lamb** (McPherson County)

MARKET LAMB – PEN OF 3

Pen of 3 must be market lambs do not have to be the same sex.

McPherson County: No Pen of 3 Market Lambs

Lincoln County: All sheep in the Pen of 3 Market Lamb class must have been shown by the same exhibitor.

Logan County: On registering, numbers will be allotted to each exhibitor. Cards to be hung on each pen WILL BE the responsibility of the 4-H member upon registering. Judge will know the identity of pens by the cards. The identity of the exhibitor will be designated by number.

- G031-902 **Pen of 3 Market Lambs**

MARKET LAMBS – RATE OF GAIN

Lincoln County: All market lambs weighed in at the county weigh day in June that are exhibited in the market lamb class are entered into the rate-of-gain contest.

- G031-903 **Sheep Rate of Gain**

MARKET LAMBS – PRODUCTION SHEEP

Lincoln County: You must be entered in a market class and complete a record book to compete in this class. For further instruction on record books and rules see new guidelines in Animal General Rules.

G031-904 Sheep Production Class

BREEDING EWES

Breeding sheep must be registered in their respective breed associations to be shown in Breed Classes. Only sheep carried in the breeding project are eligible to show in a breeding class.

Lincoln County:

1. Commercial and non-registered breeding sheep will be shown in the crossbred and other breeds class.
2. Breeds with less than 3 ewes entered will show with crossbreds and other breeds.

Logan County:

1. Ewes born Sept. 1 or after the previous year are classified as lambs. All other ewes born prior to Sept 1 of the previous year are classified as yearling ewes. All breeding ewes will be mouthed for age. All ewe lambs must have all lamb and temporary teeth present; yearling ewes can have yearling teeth but cannot have two-year-old teeth up.
 2. Classes may be divided at the discretion of the show superintendent.
 3. All yearling ewes mouthed out will not be eligible to compete for championship honors.
- G032-090 **Yearling ewe** (over 1 year and under 2)
G032-100 **Ewe lamb**

GOATS

1. All goats (dairy, breeding and market) must check in at the scale on entry day.
2. See general rules for guidelines on fan safety & placement.
3. Also see general rules for Quality Assurance training requirements.
4. Scrapie Rule: USDA Official Identification – All goats must be identified with USDA official ID (part of scrapie eradication program). Call 1-866-USDA-TAG (866-873-2824)
5. Exhibitors must be enrolled in the Goat project. Registered and Grades will be shown together.
6. Online pre-fair entries must be submitted by at the Extension office by 5:00 p.m. on pre-fair entry deadline day.
7. Minimum weight requirement is 50 lbs. Goats meeting the minimum requirement will be eligible for the livestock auction. There is no maximum weight.
8. Goats must have horns blunted. Dehorning is acceptable and preferred. Registered does may have horns per ABGA Breed Standard.

9. Market Goats are to have milk teeth and there shall be no evidence of breaking of the skin or eruption of the two permanent front teeth.
10. Restraints: Exhibitors can use halters or collars in the show ring. Collars may be leather or smooth chain. Rough or sheep training chains or tack collars are not allowed. Collars should be loose around the neck at all times. Muzzles are not allowed.
11. See general livestock rules regarding the healing of wounds.
12. Can be either doe or wether but animals shown in the meat goat class cannot be shown in ANY Dairy Goat classes.

***FAILURE TO FOLLOW THE RULES MAY RESULT IN LOWERING OF A RIBBON OR POSSIBLE DISQUALIFICATION.

13. Guidelines for the Blow and Go show:

- All beef, swine, sheep, and goats (showmanship, market, feeder and breeding) will be shown Blow & Go. Animals may be clipped, blown, brushed, or combed to enhance their appearance. All animals will be shown free of any adhesive, glue, paint, or powder products.
- Any compounds that have adhesive qualities that when applied cannot be combed or brushed through or alters the color of the animal are forbidden. These products include but are not limited to commonly used adhesives and colorants such as Prime Time, EZ Comb, Tail Adhesive, Natural Hold, Ultra White Touch-Up, Black Touch Up, Black Finisher, black show foam, and baby powder.
- Alcohol, water, oil, foam or any water or alcohol-based products with no adhesives or glue qualities, or artificial colorings are permitted. These products include conditioners and commonly used sprays such as Kleen Sheen, Revive, Final Bloom, Pink Oil, white show foam, Freshen Up, Silk, and Sudden Impact. Paint will be allowed on the hooves and dewclaws only.
- Any animal found to have prohibited products applied (adhesive, glue, paint, or powder products) will be disqualified from competition. Any premiums (physical or monetary) will be forfeited, and no refunds will be made. All animals will be subject to visual inspection and/or toweling (before and/or after entering the show ring) using a disposable blue shop towel for the presence of adhesive, glue, paint, or powder products. Toweling of the animal may include, but is not limited to, the topline, legs, chest, belly, flank, and cod/udder areas. If, after inspection, the animal is found to have adhesive, glue, paint, or powder products applied it will be disqualified from competition. Any premiums (physical or monetary) will be forfeited, and no refunds will be made.

Lincoln County:

1. A member shall be limited to showing a maximum of 3 individual market goats and 3 individual breeding does for a maximum of 6 head.
2. All meat goats must have 4-H identification. NO SCRAPIE TAG – NO SHOW.
3. Classes will be broken by weight as needed.

GOAT SHOWMANSHIP

Meat Goat and Dairy Goat Showmanship are together. Any goat may be shown. Goat exhibitor can only show 1 goat in the showmanship class.

- K900-981 **Clover Kid Goat Showmanship**
- G038-901 **Junior Showmanship**
- G038-902 **Intermediate Showmanship**
- G038-903 **Senior Showmanship**

MARKET GOAT

- G039-905 **Market Goat**
- G039-906 **Market Goat premarket** (Under 50 lbs.)

MARKET GOAT – PEN OF 3 (Lincoln & Logan Only)

1. All pen of 3 market goats must have been shown by the same exhibitor.
 2. Must register for the Pen of 3 class when filling out the online entry form.
 3. Awards will be given to Champion.
- G039-907 **Pen of 3 Market Goats** (*All goats must show in a market class to be eligible for a Pen of 3.*)

MARKET GOAT – RATE OF GAIN

Lincoln County: All meat goats weighed in at the county weigh day in June that are exhibited in the meat goat class are automatically entered into the rate of gain contest.

- G039-908 **Meat Goat Rate of Gain**

MARKET GOATS – PRODUCTION GOAT

Lincoln County: You must be entered in a market class and complete a record book to compete in this class. For further instruction on record books and rules see new guidelines in Animal General Rules.

- G039-909 **Goat Production Class**

BREEDING MEAT GOAT

Meat type breeding does (Full blood and percentage Boer does and other meat goat breeds will be shown together).

Champion & Reserve Champion meat-type breeding female are chosen from the top two animals in classes 910-940.

- G040-910 **Under 5 months**
- G040-920 **5 - 8 months**
- G040-930 **9 - 12 months**
- G040-940 **1 - 2 years**

DAIRY GOATS

- G041-901 **Dairy Goat, under 1 year**
G041-902 **Dairy Goat, yearling**
G041-903 **Dairy Nanny**
G041-904 **Best Dressed Goat - LOGAN CO ONLY**

SWINE

1. No oil, powder, or hairdressing can be used on swine. Only unadulterated water is permitted. Hogs found with oil, powder, or hairdressing will be dropped a ribbon placing.
2. See Animals Policies for guidelines on fan safety & placement. Also see 4-H Policies for Quality Assurance training requirement.
3. Gilts identified or entered in the market show are not eligible for the breeding show.
4. **Minimum weight for market hogs is 230 lbs.** (All Counties) Those not making minimum weights will be allowed to show in a pre-market class. However, they will not be eligible to receive a ribbon placing or premium higher than a blue. See re-weigh rules in General Rules. Underweight hogs will not be eligible to sell.
5. **Maximum weight for market hogs is 320 lbs.** (Lincoln County Only) Hogs over 320 lbs. cannot receive higher than a blue ribbon. Superintendents may split classes on weight if necessary. Overweight hogs will not be eligible to sell. Logan & McPherson Counties: No maximum weight

***FAILURE TO FOLLOW THE RULES MAY RESULT IN LOWERING OF A RIBBON OR POSSIBLE DISQUALIFICATION.

6. Guidelines for the Blow and Go show:

- All beef, swine, sheep, and goats (showmanship, market, feeder and breeding) will be shown Blow & Go. Animals may be clipped, blown, brushed, or combed to enhance their appearance. All animals will be shown free of any adhesive, glue, paint, or powder products.
- Any compounds that have adhesive qualities that when applied cannot be combed or brushed through, or alters the color of the animal are forbidden. These products include but are not limited to commonly used adhesives and colorants such as Prime Time, EZ Comb, Tail Adhesive, Natural Hold, Ultra White Touch-Up, Black Touch Up, Black Finisher, black show foam, and baby powder.
- Alcohol, water, oil, foam or any water or alcohol-based products with no adhesives or glue qualities, or artificial colorings are permitted. These products include conditioners and commonly used sprays such as Kleen Sheen, Revive, Final Bloom, Pink Oil, white show foam, Freshen Up, Silk, and Sudden Impact. Paint will be allowed on the hooves and dewclaws only.
- Any animal found to have prohibited products applied (adhesive, glue, paint, or powder

products) will be disqualified from competition. Any premiums (physical or monetary) will be forfeited, and no refunds will be made. All animals will be subject to visual inspection and/or toweling (before and/or after entering the show ring) using a disposable blue shop towel for the presence of adhesive, glue, paint, or powder products. Toweling of the animal may include, but is not limited to, the topline, legs, chest, belly, flank, and cod/udder areas. If, after inspection, the animal is found to have adhesive, glue, paint, or powder products applied it will be disqualified from competition. Any premiums (physical or monetary) will be forfeited, and no refunds will be made.

Lincoln County:

1. Each member shall be limited to 3 individual market hogs. Hogs entered in the show should have been farrowed after January 1st of the current year.
2. Grand Champions, Reserve Grand Champions and purple ribbon winners will sell as individuals.
3. Round Robin Showmanship - See General Rules
4. THE BEDDING MUST BE CHANGED DAILY.
5. ALL MARKET HOGS WILL BE CHECKED IN AND WEIGHED – THEY MUST BE IN THE BARN BY DESIGNATED TIME TO START THE WEIGH IN.
6. Hogs not meeting the minimum or maximum weight requirements will not be eligible to sell in the sale.
7. Market hogs will be shown by weight and sex only. No breed classifications.

SWINE SHOWMANSHIP

- G045-901 **Junior Showmanship**
G045-902 **Intermediate Showmanship**
G045-903 **Senior Showmanship**

MARKET HOGS

- G046-010 **Market Gilt**
G046-020 **Market Barrow**

MARKET HOG – PEN OF 3 (Lincoln & Logan Only)

Lincoln County:

1. All pen of 3 market hogs must have been shown by the same exhibitor.
2. Market hogs will be shown loose in a pen.
3. Must register for the Pen of 3 class when filling out the online entry form.

Logan County:

1. All pen of 3 market hogs must have been shown by the same exhibitor.
2. Hogs will be shown loose in pens.
3. On registering, numbers will be allotted to each exhibitor. Cards to be hung on each pen. WILL BE the responsibility of the 4-H member upon registering. Judge will know the identity of pens

by the cards. The identity of the exhibitor will be designated by number.

4. 4-H members may enter one pen per class. 4-H Pens must be enrolled by fair entry deadline

G046-905 Pen of 3 Market Hogs

MARKET HOG – PRODUCTION SWINE

Lincoln County: You must be entered in a market class and complete a record book to compete in this class. For further instruction on record books and rules see new guidelines in Animal General Rules.

G046-906 Swine Production Class

LOTTERY PIG (Lincoln & Logan Only)

1. Pigs will be placed in a separate class of lottery only, not market.
2. Will be a gilt and barrow class.
3. There will be a Champion and Reserve Champion gilt and Champion and Reserve Champion barrow. There will be a live show overall Champion and live show overall Reserve Champion. There will also be an Overall Champion and Overall Reserve Champion (this is the exhibitor with the most points from all categories)
4. The Live show Over All champion and Reserve champion will compete with the 4H live show. Exhibitors will be limited to three market hogs which may include one lottery pig.
5. Exhibitors will pay an estimated \$200 for the pig, depending upon market conditions for pigs. The amount may be more so plan accordingly.
6. Exhibitors will pay a non-refundable \$75.00 deposit when registering for the Lottery Pig Project.
7. Exhibitors must register by March 1st for the Lottery Pig Project.
8. Exhibitors will have their first meeting in April at the fairgrounds in the beef barn and this is when the pig selection will take place. Plan on taking your pig home this day.
9. Points will be given as such:
 - 10 points per meeting attend – two meetings will be scheduled (20 points total) Meetings will be in April which is pig selection, May and June. Must attend 2 out of 3 meetings.
 - Average daily gain will be 1st purple is 20 points; 2nd purple 19 points; the other pigs will be awarded points per ribbon placing Purple 17 points; Blue 16 points; Red 15 points; White 14 points
 - Showmanship will only be allowed with lottery pigs 1st purple 20 points; 2nd purple 19 points; Purples 17 points; Blue 16 points; Red 15 points; White 14 points

- Lottery live show – 1st purple is 20 points; 2nd purple 19 points; Purple 17 points; Blue 16 points; Red 15 points; White 14 points

G048-900 **Lottery Pig Junior Showmanship**

G048-901 **Lottery Pig Intermediate Showmanship**

G048-902 **Lottery Pig Senior Showmanship**

G048-903 **Lottery Pig Market Gilt**

G048-904 **Lottery Pig Market Barrow**

BREEDING GILTS

Lincoln County ONLY:

1. All breeding gilts must be identified with ear notches by June 15 on an official ID sheet. These sheets are available at the extension office or on our website www.llm.unl.edu.
2. They must have a farrowing date listed on the ID sheet to be eligible.
3. All breeding gilts must be born after January 1 of the current year to be eligible.
4. The universal ear notch system will be used to read all notches. Be sure notches are on the ID sheets. No other form of identification will be accepted.
5. Individuals may exhibit a maximum of three (3) breeding gilts.
6. Each breed will show as a class if three or more gilts are entered. A crossbred class will also be offered.
7. **SUBSTITUTIONS:** Exhibitors may substitute breeding gilts at show check-in if the substitute animal is properly enrolled and identified on the appropriate ID sheet. **HOWEVER**, changes of entered animals among or between family members will not be allowed after the official entry deadline.
8. **GRAND CHAMPION BREEDING GILT:** A grand champion breeding gilt will be selected at the conclusion of the breeding gilt show. The champion from each breed division & commercial or crossbred division will be eligible to compete.

G047-909 Breeding Gilt

HORSE

1. **DRESS CODE:** Horse exhibitors must follow guidelines in Nebraska 4-H Horse Show & Judging Guide. 4-H Arm Band is required.
2. Horses must be entered online by the pre-fair entry deadline. Members are responsible for submitting their entries.
3. *****FAILURE TO FOLLOW THE RULES MAY RESULT IN LOWERING OF A RIBBON OR POSSIBLE DISQUALIFICATION.**
4. *****No video reviews on anything listed in the horse department.**
5. **Absolutely no non-4-H members on horses at the shows for liability purposes. This includes CLOVER KIDS.**

Lincoln County:

1. Age Divisions:

- Junior 1: 8 & 9 year-olds
- Junior 2: 10 & 11 year-olds
- Intermediate: 12 to 14 year-olds
- Senior: 15 & over

2. All-Around Awards:

- a. Awards are given in each division for the all-around exhibitors at the county fair horse show including a written hippology exam.
- b. If hippology is not completed, exhibitor is ineligible for all-around points.
- c. Points are accumulated by the exhibitor involving any horses they are riding in all events during the horse show except for the 2 year and 3-year-old snaffle classes.
- d. Classes included in the all-around awards (buckle) are western pleasure, western horsemanship, reining, trail, hunter under saddle, hunt seat equitation, hunter hack, equitation over fences, showmanship, poles, barrels and hippology.
- e. Tie breakers are horsemanship, showmanship, reining, trail, pleasure.
- f. The following point system is used:
For classes with 6 or more exhibitors: riders will be awarded placing points only through the sixth place. The 7th rider and beyond will receive color points. (4,3,2,1)

Placing – Points

1 - 10	6 - 5
2 - 9	Purple - 4
3 - 8	Blue - 3
4 - 7	Red - 2
5 - 6	White - 1

For classes with 5 or less exhibitors: Exhibitors will be awarded the ribbon color plus the number of riders in their class.

Logan County:

1. Age Divisions:

- Junior: 8 to 11 year-olds
- Intermediate: 12 to 13 year-olds
- Senior: 14 & over

- 2. Horse Entries must receive a purple ribbon to be eligible for the Champion Rosettes.
- 3. The same animal cannot be shown in more than one class apart from Showmanship.
- 4. Premiums will be paid on showmanship, top 4 halter classes and top 4 performance classes, but you can enter all events.
- 5. Age division can be changed at the discretion of the show management.
- 6. High Point/All Around (Buckle): Will be figured on showmanship, pleasure, horsemanship, reining, trail, poles, barrels, working ranch horse, and hippology.

Top Purple – 8 points

Purple – 7 points

Blue – 5 points

Red – 3 points

White 1 point

- 7. Top Horse: (Voucher) One horse, one rider. Points will be accumulated for each event that the one horse/rider competes in. Hippology points do not count.
- 8. Outstanding/Top Contestant: (Plaque). The contestant with the most accumulated points in all light horse classes (halter, showmanship, hippology & all performances classes.) Multiple horses may be shown in halter. You may show 2 halters.

McPherson County:

1. Age Divisions:

Junior: 8 to 12 year-olds

Senior: 13 & over

- 2. Belt buckle will be awarded for All-Around in the following divisions: Senior and Junior. Points will be awarded as follows:

Top Purple – 10

Purple – 9

Blue – 7

Red – 5

White - 3

In case of ties, additional buckles will be awarded. Only Points in Performance classes count for buckles.

- 3. Unlimited entries in classes #901 to #909. Must declare 2 entries for premium. Only 2 premiums will be paid per exhibitor in these classes.
- 4. If less than 3 exhibitors show in any class, then the Junior and Senior classes shall be combined.

SHOWMANSHIP

G050-901 **Junior 1 Showmanship**

G050-902 **Junior 2 Showmanship**

G050-903 **Intermediate Showmanship**

G050-904 **Senior Showmanship**

HALTER

(All breeds will show together)

Lincoln County: 4-H members may enter 2 halter horses in 2 different aged classes.

Logan County: 4-H members may enter 2 halter horses. (They may be in the same class)

McPherson County: 4-H members may enter 2 halter horses.

G051-906 **5 and under Mare**

G051-907 **5 and under Gelding**

G051-908 **6-12 Mare**

G051-909 **6-12 Gelding**

G051-910 **13 and older Mare**

G051-911 **13 and older Gelding**

HORSE PERFORMANCE CLASSES

All events will be run according to patterns and rules in the current 4-H Horse Show & Judging Guide.

RANCH RIDING – Lincoln County only

All rules will be enforced.

All riders are required to be at a skill level 2 or higher.

G052-901 – **Junior 1 Ranch Riding**

G052-902 – **Junior 2 Ranch Riding**

G052-903 – **Intermediate Ranch Riding**

G052-904 – **Senior Ranch Riding**

WESTERN HORSEMANSHIP

G053-901 **Junior 1 Western Horsemanship**

G053-902 **Junior 2 Western Horsemanship**

G053-903 **Intermediate Western Horsemanship**

G053-904 **Senior Western Horsemanship**

WESTERN PLEASURE

G054-901 **Junior 1 Western Pleasure**

G054-902 **Junior 2 Western Pleasure**

G054-903 **Intermediate Western Pleasure**

G054-904 **Senior Western Pleasure**

G054-905 **Level II 4-H 2 yr. Snaffle Bit Western Pleasure Class**

G054-906 **Level II 3 yr. Snaffle Bit Western Pleasure.**

The exhibitor must have ID'd the horse used in this class as a two-year-old the previous year in order for the horse to be eligible.

REINING

G055-901 **Junior 1 Reining**

G055-902 **Junior 2 Reining**

G055-903 **Intermediate Reining**

G055-904 **Senior Reining**

G055-905 **Green Horse Reining**

Logan and McPherson County ONLY

Horse must be 4 years old or younger.

McPherson County: Green horse reining has its own award and is not included in All-Around Points. Ribbon placings only (no premiums).

TRAIL

G056-901 **Junior 1 Trail Class**

G056-902 **Junior 2 Trail Class**

G056-903 **Intermediate Trail Class**

G056-904 **Senior Trail Class**

WESTERN RIDING – (Lincoln Co. only)

1. All rules will be enforced.

2. All riders are required to be at a skill level 3 or higher.

3. Western Riding will NOT count toward all around points.

G063-901 **Western Riding**

TIMED EVENTS:

BARREL RACING

G057-901 **Junior 1 Barrel Racing**

G057-902 **Junior 2 Barrel Racing**

G057-903 **Intermediate Barrel Racing**

G057-904 **Senior Barrel Racing**

POLE BENDING

G058-905 **Junior 1 Pole Bending**

G058-906 **Junior 2 Pole Bending**

G058-907 **Intermediate Pole Bending**

G058-908 **Senior Pole Bending**

GOAT TYING – (Lincoln Co. Only)

1. All rules will be enforced.

2. Goat tying will NOT count toward all around points.

3. A livestock fee of \$6 will be assessed at pre-fair entry time.

G064-901 **Goat Tying 100** 4-H'er ties a dummy. No horses

G064-902 **Goat Tying 101** Skill Level 1 required, 4-H'er rides horse to holder, stops and dismounts, ties live goat.

G064-903 **Goat Tying 102** Skill Level 2 or higher required, moving dismount, ties a live goat

ENGLISH CLASSES – (Lincoln Co. Only)

HUNT SEAT EQUITATION (English Equitation)

G059-901 **Junior 1**

G059-902 **Junior 2**

G059-903 **Intermediate**

G059-904 **Senior**

HUNTER UNDER SADDLE (English Pleasure)

G059-905 **Junior 1**

G059-906 **Junior 2**

G059-907 **Intermediate**

G059-908 **Senior**

ENGLISH JUMP CLASSES- (Lincoln Co. Only)

1. Riders must wear approved helmets and hard-soled boots for all English classes.

2. Riders are required to be at a skill level 2 or higher. Must attend 2 out of 3 clinics held during June to ride any jump class OR provide proof of clinic if they pay to take another clinic. Exception will be given to Senior Division participants who completed and received a purple ribbon the previous year in Equitation Over Fences.

3. Jump fees are due at pre-fair entry deadlines. Fees are nonrefundable. \$6

HUNTER HACK (two jumps & rail work)

G059-909 **Junior 1**

G059-910 **Junior 2**

G059-911 **Intermediate**

G059-912 **Senior**

EQUITATION OVER FENCES (jump class)

G059-913 **Junior 1**

G059-914 **Junior 2**

G059-915 **Intermediate**

G059-916 **Senior**

RANCH HORSE/ ROPING CLASSES –

Logan County Only

1. Must complete Horse Skill Level 2 and attend a roping clinic to be held during a regular 4-H Horse Club meeting.
2. All ages will be combined. Tack, attire, and scoring will follow the requirements found in the Nebraska 4-H Horse Show and Judging Guide.

WORKING RANCH HORSE

1. Skill Level II is required.
2. Clinic is required.
3. Closed reins, chaps, protective boots, splint boots, skid boots or leg wraps are suggested.
4. Prohibited in working ranch classes: Hackamore bits, gag bits, unorthodox and severe mouthpieces, or pressure headstalls. Tie downs, martingales, draw reins, cavesson noseband and any crop or whip.

- G060-901 **Junior**
G060-902 **Intermediate**
G060-903 **Senior**

BREAK AWAY ROPING

- G060-904 **Junior**
G060 905 **Intermediate**
G060-906 **Senior**

DAILY TEAM ROPING

1. Youth may only enter Header or Heeler class.
2. **Youth must designate their header or heeler at pre-fair entry**, otherwise, it will be determined by show management.

- G060-907 **Junior Header**
G060-908 **Intermediate Header**
G060-909 **Senior Header**
G060-910 **Junior Heeler**
G060-911 **Intermediate Heeler**
G060-912 **Senior Heeler**

SUPER HORSE (Top Horse Award)

Lincoln County:

1. Online pre-entry must be completed by pre-fair entry date which specifies the horse and events that the 4-H'er wishes to count towards the super horse award.
2. **Must enter at least 1 judged and 1 timed event.**
3. A picture of the 4-H'er's horse must also be turned into the office by the pre-fair entry date.
4. Tie breakers will be: Halter, Horsemanship, Showmanship, Reining, Trail. (All Around points will be used to calculate Super Horse points.)

Logan County:

1. One designated horse used by one contestant. Top horse must be physically identified with wrap/tape.

2. Exhibitor **MUST** show halter horse.
3. Eligible classes: showmanship, western pleasure, horsemanship, reining, trail, poles, barrels and hippology.
4. All horses **MUST** be entered the morning of the horse show with show superintendent/extension staff.

- G061-901 **Super Horse Junior 1**
G061-902 **Super Horse Junior 2**
G061-903 **Super Horse Intermediate**
G061-904 **Super Horse Senior**

HIPPOLOGY (Logan/Lincoln Counties)

- G062-901 **Hippology Junior 1**
G062-902 **Hippology Junior 2**
G062-903 **Hippology Intermediate**
G062-904 **Hippology Senior**

POULTRY

(Chickens, geese, ducks, turkeys, peafowl & pigeons)

1. Online Pre-entry for all 4-H poultry must be completed and submitted to the Extension office by pre-fair entry date.
2. Health certificates not required for poultry. No additional testing requirements for Nebraska origin poultry.
3. It is the responsibility of the exhibitor to see to it that their birds are adequately fed and watered. Water should be always available in the cage.
4. **FAILURE TO FOLLOW THE RULES MAY RESULT IN LOWERING OF A RIBBON OR POSSIBLE DISQUALIFICATION.**

Lincoln & McPherson County:

1. Check with office for arrival & departure times.
2. Judging of poultry will begin with showmanship classes.
3. Poultry will be divided according to breeds and ages for classes. If you have any question to your bird's breed, reference the American Poultry Association's Standard of Perfection or contact the Extension Office and contact your club leader and then the Poultry Superintendent prior to entry due date. If the breed is registered incorrectly at the Poultry Show Check-in, your bird will be judged as the ALL-OTHER BREEDS (AOB) during then show at discretion of the Poultry Supt and/or Judge. Questions and inquiries are welcome as our goal is to learn together.
4. **Entry Limits:** (Lincoln County) Each exhibitor may only enter a total of 8 pens/entries, this includes 1 market broiler pen and fowl pens. Also, within a species (i.e., chickens, ducks, geese, etc.) an exhibitor may only enter 2 birds per sex in one breed (i.e., 2 cockerels, 2 pullets, 2 cocks, 2 hens). Each animal can only be shown in one division.

5. 4-H exhibitor entries will be caged by exhibitor, not by breed.
6. Poultry entered in 4-H classes cannot be shown in open class.
7. Sick, unhealthy, or parasite infested birds will not be accepted.
8. Any bird entered at fair that becomes less than show quality can be excluded from judging and will be ineligible for a premium.
9. Feeders and waterers will be provided for 4-H entries only. Where small crocks are inadequate for large birds, exhibitors must provide their own feeding and watering equipment.
10. 4-H members are expected to keep pens and areas neat and clean throughout the fair.
11. All exhibitors are expected to remove and clean cage areas upon leaving the Fairgrounds. Failure to do so can constitute grounds for withholding premiums.

Logan County:

1. Logan County 4-H poultry must be at the fairgrounds by the designated day and time noted in the species letter.
2. Judging of poultry will begin with showmanship classes.
3. A 4-H member is limited to exhibiting 5 entries plus showmanship (Egg production birds are considered one entry.)
4. To be eligible for breed classes, cockerel, pullet, cock, or hen chicken entries must be fair representatives of one of the breeds listed.
5. A pen of broilers must consist of 3 male and 3 female birds 6 to 9 weeks of age, a pen of hybrids, crossbred or purebred egg production birds shall consist of 3 sexually mature females.
6. The rule of standard size chickens apply equally to bantams, waterfowl, and turkey where applicable.

Bred, Hatched and Fed (Enter in chicken classes)

1. This division is designed to honor the fine quality of animals produced in the Lincoln, Logan and McPherson Counties on the exhibitor's own farm or ranch.
2. The exhibitor or exhibitor's immediate family (including Grandma/Grandpa) must own the brood hen, which is the mother of the egg at the time of conception, and that it was hatched and fed on the exhibitor's farm/place of 4-H project care.
3. An exhibitor is still only allowed 8 poultry pens with a maximum of 2 of each sex in a breed. If the animal qualifies for Bred and Fed, it may show in either that category or a traditional breed class. The exhibitor can make the designation at the time of pre-entry.
4. Superintendents of the show reserve the right to combine classes if less than 3 animals are entered per class.

5. All poultry must be properly identified or will be dropped to an "All Other Breed" class.

POULTRY SHOWMANSHIP

1. The basis of poultry showmanship is found in publication 4-H 191.
 2. The exhibitor must vocally explain the steps in their routine and the merit of the bird.
 3. The exhibitor must use a bird raised, trained, and exhibited by the 4-H member.
 4. To be eligible for showmanship all exhibitors must conform to the "Dress Code".
 5. See age divisions under 4-H Policy
- K900-976 **Clover kid Poultry Showmanship**
 G068-910 **Junior Showmanship**
 G068-911 **Intermediate Showmanship**
 G068-912 **Senior Showmanship**

CHICKEN DIVISIONS:

(On pre-entry, it will be mandatory to enter the breed)

For Poultry breeds refer to the book, "American Standard of Perfection," or go to www.amerpoultryassn.com. On the website the breeds are split up by size: Large Fowl and Bantam.

Large Fowl Divisions:

- G069 – **American** (Plymouth Rock, Jersey Giant, Wyandotte, New Hampshire Red, Rhode Island Red)
 G070 – **Asiatic** (Cochin, Brahmas, Langshan)
 G071 – **English** (Cornish, Orpington, Australorps, Sussex, Dorkings)
 G072 – **Mediterranean** (Leghorn, Buttercup, Minorca)
 G073 – **Continental** (Polish, Hamburg, Campines, Faverolles, Houdan)
 G074 – **All Other Breeds** (Naked Neck, Game, Sumatra, Araucanas, Ameraucanas)

Bantam Divisions:

- G076 – **Game Bantam** (Modern and Old English)
 G077 – **Single Comb** (Plymouth Rock, Leghorn, Japanese, Rhode Island Red, Orpingtons, New Hampshire)
 G078 – **Rose Comb** (Rosecomb, Wyandotte, Sebright, Belgian Bearded D'Anver)
 G079 – **All Other Combs** (Polish, Cornish, Houdan, Sumatra)
 G080 – **Feather Legged** (Silkie, Cochin, Brahma, Belgian Bearded D'Uccle, Langshan)
 G081 – **All Other Breeds**

CHICKEN CLASSES:

- 901 – **Cockerel**
 902 – **Cock**
 903 – **Pullet**
 904 – **Hen**
 905 – **Laying Flock**, 3 Hens (McPherson County Only)
 906 – **Trio** (McPherson County Only)
 907 – **Bred, Hatched and Fed** ***Look above in the Poultry rules for further instruction.

DUCKS

- G082-902 Young Drake, current year's hatch
- G082-903 Old Drake
- G082-904 Young Hen, current year's hatch
- G082-905 Old Hen
- G082-906 Pair (Male/Female) (McPherson Co Only)

GEESE

- G083-902 Young Gander, current year's hatch
- G083-903 Old Gander
- G083-904 Young Goose, current year's hatch
- G083-905 Old Goose
- G083-906 Pair (Male/Female) (McPherson Co Only)

TURKEYS

- G084-902 Young Tom, current year's hatch
- G084-903 Old Turkey Tom
- G084-904 Young Hen, current year's hatch
- G084-905 Old Turkey Hen
- G084-906 Pair (Male/Female) (McPherson Co Only)

PIGEONS

- G085-902 Young Cock, current year's hatch
- G085-903 Old Cock
- G085-904 Young Hen, current year's hatch
- G085-905 Old Hen
- G085-906 Pair (Male/Female) (McPherson Co Only)

OTHER FOWL (Guineas, Pheasants, Peafowl, Etc.)

- G086-902 Male, current year's hatch
- G086-903 Old Male
- G086-904 Female, current year's hatch
- G086-905 Old Female
- G086-906 Pair (Male/Female) (McPherson Co Only)

CHICKEN AGILITY (Lincoln County)

General rules:

1. All chickens must be exhibited in a breed or showmanship class at the Lincoln County Fair.
2. Chickens can be on or off leash.
3. Each chicken may be exhibited by only one handler in agility competition.
4. Handlers should wear closed toed shoes. Tennis shoes are suggested.
5. One jump height will be utilized: 4 inches
6. \$2 per class entry fee due at the time of pre-fair entry

K900-977 **Clover Kid Chicken Agility**

- G087-914 **Beginning Agility** - The course will consist of no more than 5 obstacles. The course is set in a circle. Possible obstacles will be chosen from: weave poles, A-frame, see-saw, pause box, single bar jumps, board walk. Course time is set at 2 minutes.

MARKET BROILERS

1. Exhibitor must be enrolled in a poultry project.
2. All counties broiler entries are limited to one entry of 3 birds per exhibitor.
3. Individual market broilers must weigh a minimum of 4 pounds each.
4. Each exhibit must be healthy and clean.
5. Entries will be judged on the designated day in each county.
6. Exhibitors must be present during judging.
7. Each exhibitor in broiler pen class will be eligible to consign their entry at the livestock sale.
8. All market broiler purchasing is contingent on each counties policies. **Lincoln County: All exhibitors are responsible for purchasing their own market broilers.**

Lincoln/Logan County:

- G088-901 **Broilers**

McPherson County:

- G088-902 **Broilers**, Cockerel
- G088-903 **Broilers**, Pullets

PRODUCTION MARKET BROILER

You must be entered in a market broiler class and complete a record book to compete in this class. For further instruction on record books and rules see guidelines in Animal General Rules.

- G088-904 **Production Market Broiler Class**

RABBIT

1. Online pre-entry must be completed and submitted by the pre fair entry deadline at the Extension office.
2. It is the responsibility of the exhibitor to see to it that their rabbits are adequately fed and watered. Water should be always available.
3. All rabbits must be properly identified by June 15. Meat Pens must be tattooed by pre-fair entry. Only properly identified animals will be accepted.
4. FAILURE TO FOLLOW THE RULES MAY RESULT IN LOWERING OF A RIBBON OR POSSIBLE DISQUALIFICATION.
5. Check with office for arrival & departure times.
6. Entries will be judged on the designated day in each county.
7. **Entry limits:** (Lincoln & Logan Counties) Each exhibitor may only enter a total of 8 pens/entries, this includes 1 meat pen and 1 doe with litter. Also, an exhibitor may only enter 2 rabbits per sex in one breed (2 bucks, 2 does). Each animal can only be shown in one division. May enter 1 market meat pen (3 rabbits per pen) (McPherson County) May enter 2 market meat pens (2 rabbits per pen) of any class.
8. 4-H exhibitor entries will be caged by exhibitor not by breed.

9. Sick or unhealthy animals will not be allowed at the show.
10. Exhibitors must use their own rabbits in showmanship. Showmanship entry animals must be ID'd also.
11. Exhibitors are required to show their rabbits during judging. For substitute showman see general rules.
12. Exhibitors must conform to the County Fair 4-H dress code for rabbit exhibitors; blue jeans and a white shirt with 4-H chevron or arm band (long-sleeved shirt optional).
13. Feeders and waterers will be provided for 4-H entries only.
14. Rabbits will be divided according to breeds as recognized by the American Rabbit Breeders Association. All varieties of the same breed will be shown together. Crossbred rabbits will be shown according to predominate breed characteristics. If unidentifiable, they will be shown in "other" breeds class. Classification of all rabbits will be subject to check by the fair superintendents. Three or less rabbits of any one breed will be combined.

RABBIT SHOWMANSHIP:

See age divisions under 4-H Policy
 K900-978 **Clover Kid Rabbit Showmanship** (Sign up for this class under Department: Clover Kid)
 G091-901 Junior **Showmanship**
 G091-902 Intermediate **Showmanship**
 G091-903 Senior **Showmanship**

RABBIT DIVISIONS:

Breeds: Commercial Lop, Flemish Giant, Satin, Commercial All Other Breeds (AOB)
 G092 – **Commercial Junior**
 G093 – **Commercial Senior**

<h3>RABBIT CLASSES:</h3> <p>910 – Buck 911 – Doe</p>
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Breeds: Fancy Lop, Mini Rex, Netherland Buck, Fancy All Other Breeds (AOB)
 G094 – **Fancy Junior**
 G095 – **Fancy Senior**

DOE WITH LITTER

G096-907 **Doe with Litter** (3 or more from same doe)
 Specify age of litter. Litter should be no less than 3 weeks and not more than 6 weeks of age.

MARKET CLASSES:

Meat Pen Rabbits should not be more than 12 weeks of age and of uniform size.
 McPherson County may enter 2 market meat pens (2 rabbits per pen) of any class.
 Lincoln & Logan Counties may enter 1 market meat pen (3 rabbits per pen).
 G097-908 **Meat Pen (Eligible for Production Class)**
 G097-909 **2nd Meat Pen (McPherson Co only)**

RABBIT – PRODUCTION MEAT PEN

You must be entered in a market meat pen class and complete a record book to compete in this class. For further instruction on record books and rules, see guidelines in Animal General Rules.
 G097-910 – **Production Meat Pen Class**

COMPANION ANIMALS (PETS)

1. This is a 4-H family pet show. All companion animals are judged on overall health and appearance, your pet(s) housing, the quality of care you provide, and your knowledge of the animal. Cats are not judged according to breed standards.
2. Uniform - Standard 4-H uniform is required. See general 4-H rules.
3. Uniform score sheets will be used and will be available to exhibitor prior to the show.
4. Animals must be housed in a cage at all times of the show unless asked to remove them by the judge.
5. All pets must be pre entered by the pre-fair live animal entry deadline at the Extension office.
6. **HEALTH REQUIREMENTS:** Pets shall be free of fleas, ticks, ear mites, worms, other parasites, and infectious diseases. Cats are required to be current on their vaccinations of Rabies, panleukopenia, viral rhinotracheitis, and calicivirus. Proof of vaccinations must be submitted to the Extension Office by the pre-fair deadline. Ferrets must be vaccinated for rabies and have a completed health form signed by a veterinarian and must be submitted to the Extension Office by the pre-fair entry deadline. No expectant or nursing mother cats may enter. All pets will be inspected by show management, any pet that is seen as contagious will be dismissed from the show.
7. All cats that are not declawed must have claws clipped.
8. The judge will evaluate the participant on the following basis:
 - animal health, wellbeing – 20 points,
 - appropriate cage evaluation - 55 points,
 - overall knowledge – 45 points
 - presentation skills - 20 points
9. Participant should bring animal, adequate cage, and accessories.
10. Limit of one pet per class and 3 total companion animals per 4-Her.
11. Exhibitors must be present at the time of showing.
12. Each exhibitor will be asked to give a short (showmanship) presentation on their animal. The characteristics, health, and care of the animal should be provided in this presentation.
13. Following the presentation, exhibitors will be interviewed on knowledge of their animal and its care.

COMPANION ANIMAL

- K900-975 - **Clover Kid** (Sign up for this class under Department: Clover Kid)
- G100-901 **Young Cat or Kitten** (4 months to 2 years of age)
- G100-902 **Aged Cat** (over 2 years of age)
- G100-903 **Small mammals**
- G100-904 **Birds**
- G100-905 **Fish**
- G100-906 **Reptiles**
- G100-907 **Ferret**
- G100-908 **Other Companion Animal**

GENERAL PET

- G710-901 **Pet Accessory:** Blanket/beds, dress/coat/sweater, decorated dish, dog treats in an appropriate sealed container, etc.
- G710-902 **Pet Photo:** A 5x7 picture matted in an 8x10 frame, or an 8x10 picture matted in an 11x14 frame.
- G710-903 **Pet First Aid Kit:** A first aid kit is a good way to organize supplies in an emergency. The kit should be assembled in a container appropriate for the kits intended use. A description of where the kit will be stored and examples of specific emergencies for that situation should be included in the exhibit. The kit should include a written inventory and the purpose statement for included items.

DOGS

1. Show Rules: The show will follow rules in the Nebraska 4-H Dog Shows Guidelines (4-H421).
2. Any dog exhibited at the county fair MUST be at least six months of age or older. All dogs must be owned by the 4-H member or their family. Exceptions to the ownership rule must be approved by the show superintendents.
3. **ADVANCEMENT IN OBEDIENCE, AGILITY AND RALLY CLASSES:** A youth will move up to the next level after they receive 2 purples in a specific class at a Nebraska Dog Show. For non 4-H shows a scoresheet MUST be submitted by pre-fair entry that includes judge's signature and date of show. A 4-H'er may remain in a class an extra year upon the approval of both the County Fair Superintendent and the 4-H leader.
4. Advancement in Showmanship: All 4-H dog exhibitors must show their own animal(s) to be considered as participants in the Showmanship Contest. Showman will be allowed to compete in a division each year based on their age.
5. Health & Vaccinations: All dogs must be immunized for distemper, hepatitis, parvo, and rabies. The

Nebraska State Fair Dog Show Vaccination Record Form (SF 263) must be filled out and signed by a veterinarian and submitted to the Extension Office by the pre-fair entry deadline. The Vaccination Record Form must document all vaccinations within 1 year or 3 years depending on the vaccine given. All required vaccinations must be given within 1 to 3 years of the show date based on label guidelines. All vaccinations must be in effect at the time of the county fair dog show. Dogs will not be allowed to show without the appropriate vaccination record completed.

6. Dress Code: 4-H'er must wear 4-H T-shirt or 4-H Chevron. Solid blue jeans are required.
7. All entries are due online by the pre-fair entry deadline. The name of the dog must be entered online.
8. Female dogs in season will not be eligible to show. If a female dog is in season, exhibitors can substitute another dog, in appropriate classes.
9. Dogs must be always in a crate or on a leash and under the control of their exhibitor.
10. Lameness or crippled dogs are not permitted to show if it is determined by the show superintendent that it is affecting the health of the dog.
11. Youth may enter one showmanship class, two agility classes (using different dogs and in different level of classes), two obedience classes (using different dogs in different level of classes) and two rally classes (using different dogs and in different level of classes).

DOG SHOWMANSHIP

Showmanship Classes will be judged on handler's appearance "10%", grooming and conditioning of dog "20%", coordination of the dog and handler "50%", and general knowledge "20%". Special coat trims (such as poodle or terriers) will not count except for being clean and neatly brushed.

- K900-970 **Clover Kid Dog Showmanship**
- G700-910 **Junior Showmanship**
- G700-920 **Intermediate Showmanship**
- G700-930 **Senior Showmanship**

DOG OBEDIENCE

K900-971 **Clover Kid Dog Obedience**

G701-901 **Pre-Beginning Novice:** Both handler and dog are in their first year of county or any other dog experience. Dogs being shown may not have completed an AKC "leg" toward a "CD" degree. Dogs must heel; figure 8; sit for examination; come on recall- no finish; long sit for one minute. During the sit exercise, the leash must be held by the handler. There are no group exercises.

G701-902 **Beginning Novice - Division A:** Neither dog nor child has had previous training experience in or out of the 4-H Dog project. Former Clover Kids may register for this class.

G701-903 **Beginning Novice - Division B:** Exhibitor or dog is beyond first year of competition.

G701-904 **Beginning Novice - Division C:** Exhibitor and dog is beyond first year of competition.

G701-905 **Novice - Division A** – Dogs must heel on leash including figure 8; stand for examination off leash, heel free; come on recall off leash; long sit for 1 minute off leash and long down for 3 minutes off leash.

G701-906 **Novice - Division B** – Exhibitor and dog are beyond first year of novice competition.

G701-907 **Graduate Novice** - Dogs must heel on leash; stand for examination off leash; heel free including figure 8; drop on recall off leash; long sit off leash for 3 minutes and long down off leash for 5 minutes.

DOG AGILITY – Lincoln County Only:

1. All dogs must wear a flat collar; no other type is allowed.
2. Each dog may be exhibited by only one handler in agility competition.
3. Handlers should wear closed toe shoes; tennis shoes are suggested.
4. No baiting, toys or training devices are allowed on the course during competition.
5. A class entry fee of \$4.00 will be assessed per agility class. All fees are due at pre-fair entry deadline. Fees are non-refundable.
6. Scoring: Maximum score is 100 points.
7. **For more specific rules, refer to the Nebraska 4-H Dog Show Rules.

K900-972 Clover Kid Dog Agility

G702-920 **Pre-Agility Class** – Dogs up to 18 months old. Same as Level 1 but jump bars will be on the ground.

G702-921 **Level 1:** Six obstacles. (on-leash) Dogs must be 18 months or older.

G702-922 **Level 2:** Ten obstacles. (on-leash)

G702-924 **Level 3:** Ten obstacles (off-leash)

G702-925 **Level 4:** Thirteen obstacles (off-leash)

G702-926 **Level 5:** 15-20 Obstacles (off-leash)

DOG RALLY: – Lincoln County Only:

1. Listing of rally signs are available on county website
2. A class entry fee of \$4.00 will be assessed per rally class. All fees are due at pre-fair entry deadline. Fees are non-refundable

K900-973 Clover Kid Dog Rally

G703-901 **Beginning Rally** – youth and dog teams who have not shown in rally previously, youth in pre-beginning novice or beginning novice obedience, this level is designed for youth with minimal show experience. Dog is on leash and there are 5 to 10 stations.

G703-902 **Rally 1** – Youth in Beginning Novice or Novice Obedience should be in this level. Dog is on leash and there are 10 to 15 stations. In the Rally 1 level, exercises are performed on leash, and there are no jumps

G703-903 **Rally 2** – Youth in Novice Obedience or higher should be placed in this level. In the Rally 2 level, exercises are performed off leash, and there are no jumps. There are 12 – 17 stations.

G703-904 **Rally 3** – It is recommended that youth in Novice Obedience or higher should be placed in this level. In the Rally 3 level, exercises are performed off leash. There are 15 to 20 stations.

DOG COSTUME (Lincoln County Only):

K900-974 **Clover kid Dog Costume**

G704-901 **Dog Only Costume**

G704-902 **Team Costume** (dog and handler dress up)

GENERAL ANIMAL CLASSES

(All Counties – All Species)

G013-900 **Accessory/Item** made for animal science project. Designed/created by 4-H'er. Any medium can be used. Ex. braided halter, show stick, blanket, leatherwork, etc. ***Item must be checked in on static judging day for evaluation.** **Must include a description of how item was made.

VETERINARY SCIENCE

1. The purpose of a Veterinary Science exhibit is to inform the public about a common health problem of animals, a veterinary science principle, or public health/zoonotic diseases. Do not confuse veterinary science exhibit topics with animal husbandry, history, or production topics.
2. Please see General Rules for more details.
3. A Veterinary Science exhibit may consist of a poster, notebook, or a display. The exhibit may represent material from exhibitors enrolled in Animal Disease or Animal Health.
4. If photographs are to be part of the exhibit, remember that they will be viewed by the public. Make sure that the photographs are in good taste and will not be offensive to anyone. Graphic photographs of excessive bleeding, trauma or painful procedures are not appropriate. For exhibits related to veterinary surgical procedures, aseptic techniques need to be shown, for example, use of drapes, use of sterile procedures, wearing of gloves, and other appropriate veterinary medical practices.
5. First-Aid Kits: Because of public safety concerns and risk of theft of first-aid kit contents (veterinary drugs/equipment) with perceived potential for drug abuse, animal first aid kits containing any

drugs or medications will be immediately disqualified and not displayed. First Aid kits wishing to include medication information should instead utilize written descriptions, photographs, drawings, computer generated printouts or empty packaging of pharmaceuticals.

6. Veterinary Science Posters: This exhibit presents the viewer with a design that is simple and direct, unlike a display that usually presents more information. A poster should not exceed 22" x 28" and may be either vertical or horizontal.
7. Veterinary Science Displays: A display may include but is not limited to: a 3-dimensional exhibit, a scale model, the actual product (for example: skeleton, teeth; samples of leather, fur, or dried skin damaged by disease or parasites) or a notebook. A display is not a poster. A display may be mounted on poster board not to exceed 22" x 28" or on 1/4" plywood or equivalent that does not exceed 24" high or 32" wide or in a three-ring binder or another bound notebook format. Premier 4-H Science Award is available in this area.
8. Appropriate Veterinary Science Topics:
 - Maintaining health
 - Specific disease information
 - Photographic display of normal and abnormal characteristics of animals
 - Animal health or safety
 - Public health or safety
 - Proper animal management to ensure food safety & quality
 - Efficient and safe livestock working facilities
 - Or a topic of the exhibitor's choosing related to veterinary medicine or veterinary science
9. *****Remember, since these are science displays, all references and information need to be properly cited.*** Proper sources include but are not limited to: Professional journals and publications, professional AVMA accredited websites, interviews with Veterinarians and excerpts from Veterinary Educational Literature. Plagiarism will result in a disqualification. Please study your topic and present the information to your audience in your own words.

*H840-001 **4-H Veterinary Science Large Animal Poster, Notebook or Display**

*H840-002 **4-H Veterinary Science Small Animal/Pet Poster, Notebook or Display**

COMMUNICATIONS & EXPRESSIVE ARTS MUSIC CONTEST

1. 4-H members from Lincoln, Logan and McPherson Counties are eligible to participate.

2. Ribbons will be awarded to each performer. County specific awards will be presented for all music classes.
3. **4-H Chevron** must be worn by all 4-H members in the contest.
4. A copy of your music should be given to the judge prior to performing.
5. All 4-H'ers are responsible for providing their own music, musical instrument, and/or music stand.
6. If you are in a duet or group with a Clover Kid 4-H member, you are NOT eligible for top awards in this contest.
7. Clover Kid participation is noncompetitive and will receive participation ribbons with no premium monies

K900-958 **Clover Kid Performance (5-7 years)**

B149-901 **Vocal Performance**

B149-902 **Instrumental Performance.**

B149-904 **Group Performance**

SPEECH CONTEST

1. 4-H members from Lincoln, Logan and McPherson Counties are eligible to participate.
 2. Ribbons will be awarded to each speaker. County specific awards will be presented for all speech classes.
 3. 4-H Chevron shall be worn by all 4-H members in the contest.
 4. Clover Kid participation is noncompetitive and will receive participation ribbons with no premium monies.
 5. *Denotes Regional/State Speech Contest Eligibility
- K900-901 **Clover Kid Division (5-7 years)**
B160-904 **Junior Division – (8-9 years)**
*B160-905 **Intermediate Division – (10-13 years)**
*B160-906 **Senior Division (14-18 years)**
*B160-907 **Public Service Announcement (8-18 years)**

PRESENTATIONS

1. All 4-H presentation topics should be related to what the 4-H youth is learning through 4-H educational experiences.
2. A team presentation, consisting of two individuals, may be given for any class. There is no separate class for team presentations.
3. Presentations must include an introduction (the "why" portion of the topic), a body (the "show and tell" portion), and a conclusion/summary (the "what" portion of the topic).
4. 4-H members from Lincoln, Logan and McPherson Counties are eligible to participate.
5. Ribbons will be awarded to each performer. County specific awards will be presented for all presentation classes.
6. 4-H Chevron shall be worn by all 4-H members in the contest.

7. Clover Kid participation is noncompetitive and will receive participation ribbons with no premium monies
8. A live presentation with a formal talk where youth will use visual aids (such as props, posters, computer-based visuals, handouts, video, etc.) to show and tell others how to do something. Presenters using computer-based visuals may bring files on a USB drive that is PC formatted. Participants may also provide their own computer or other equipment as needed. Presentation may be given by an individual or team consisting of two individuals. The time limit for presentations are 6 to 8 minutes for an individual and 8 to 10 minutes for a team.

K900-959 **Clover Kid Presentation** (5-7 years)

B151-902 **Junior Presentation** – (8-9 years)

*B151-903 **Intermediate Presentation** – (10-13 years)

*B151-904 **Senior Presentation** (14-18 years)

4-H DIGITAL FILM FEST

1. Digital videos may be created by one individual or a team of two individuals.
2. Youth will provide a 1-minute oral introduction (name, background/goal of presentation, intended audience, where presentation could be shared, etc.) followed by showing of their Digital Video.
3. Videos should engage the audience and teach them about something the 4-H youth is learning. The video may include photos, clip art, animation, text, and/or audio/sound.
4. Any freeware/software program may be used to create the presentation. However, the only file formats that will be accepted include: .mp4, .mov, or .avi.
5. The following may be entered:
 - Video Public Service Announcement: A short video that communicates an educational message focused on a cause, activity, or event (length: 60 second)
 - Narrative: A video that tells a fact or fiction story (length: 3-5 minutes)
 - Documentary: A video that presents factual information about a person, event, or process (length: 3-5 minutes)
 - Animation: A video created by techniques that simulate movement from individual images (length: 1-5 minutes)

B153-902 **Junior Film Fest** – (8-9 years)

B153-903 **Intermediate Film Fest** – (10-13 years)

B153-904 **Senior Film Fest** (14-18 years)

POSTERS

1. The purpose of a poster is to call attention to a subject. Every poster must be crafted to catch the viewer's attention quickly. Each must present only one specific message clearly.
2. The poster should clearly feature some aspect of 4-H.

3. Entries which do not conform to size, content or material guidelines will be lowered one ribbon placing.
 4. Posters must be 14" x 22" and must be of a material that can be pinned to a display board.
 5. They may be arranged either horizontally or vertically.
 6. Computer art generated on an 8 1/2" x 11" sheet of paper and mounted on poster board will be disqualified.
 7. They may **not** be three-dimensional. Entries with components thicker than paper (such as milk cartons, pencils, pop cans) will be disqualified.
 7. Posters may not use copyrighted materials, such as cartoon characters or commercial product names, logos, or slogans. Avoid using clichés or over-used phrases that do not command the viewer's attention.
 8. When using the official 4-H Emblem (clover with the H's on each leaf), it must follow approved guidelines, which can be viewed at: <https://4h.unl.edu/name-emblem-guidelines>
 9. Computer "clip art" will not be scored as positively as original computer art designs.
 10. The 4-H member's name, age and county must be listed on the back of the poster.
 11. Posters may be laminated to protect them. Loose plastic coverings used to protect the exhibit will be removed by the superintendent for evaluation and display.
 12. Additional poster classes under Veterinary Science Department
- B152-901 **Exploring Careers with 4-H Poster**. Illustrate how 4-H'ers can explore career opportunities through 4-H projects.
- B152-902 **Photo Poster** - The poster should **focus on a 4-H theme** of your choice, using one large, eye-catching photo.
- B152-903 **Keeping It Green...Keeping it Healthy** - The poster should illustrate how 4-H encourages healthy lifestyles for youth and their families.
- B152-904 **Additional poster** that would fit any of the above classes.

COMMUNICATIONS

Static exhibits in this division will be evaluated on clarity of purpose/message in relation to communication, accuracy of information, originality, creativity, evidence of exhibitor's learning in this area and educational value of exhibit to viewers. Scoresheets, forms, contest study materials, and additional resources can be found at <https://go.unl.edu/ne4hcommunications>

COMMUNICATIONS, MODULE 1

Use one of a combination of the experiential activities in the Communications, Module 1 curriculum to create an educational poster or essay sharing with others what you have learned.

Topics may include, but are not limited to:

- Conducting an interview and sharing with a group

- Giving and understanding directions
- Evaluating and using appropriate internet sources
- Composing a rap
- Preparing an illustrated talk

B154-901 **Poster** – Create a poster, measuring either 22" x 28" or 24" x 36" showcasing what was learned in this project area.

B154-902 **Essay** – Write an essay (3-5 pages) that showcases what was learned in this project area.

COMMUNICATIONS, MODULE 2

Use one or a combination of the experiential activities in the Communications, Module 2 curriculum to create an educational poster or essay sharing with others what you have learned.

Topics may include, but are not limited to:

- Identifying cultural differences in communication,
- Developing guidelines for internet etiquette,
- Evaluating another person's presentation,
- Identifying communication careers, or
- Preparing a presentation using a form of technology.

B154-903 **Poster** – Create a poster, measuring either 22" x 28" or 24" x 36" showcasing what was learned in this project area.

B154-904 **Essay** – Write an essay (3-5 pages) that showcases what was learned in this project area.

COMMUNICATIONS, MODULE 3

Use one or a combination of the experiential activities in the Communications, Module 3 curriculum to create an educational poster, essay, or digital media sharing with others what you have learned.

Topics may include, but are not limited to:

- Composing a personal resume,
- Completing research on a speech or presentation topic,
- Identifying ways to reduce risks online,
- Evaluating own cell phone usage and etiquette,
- Critiquing advertisements and
- Job shadowing a communication professional.

B154-905 **Poster** – Create a poster, measuring either 22" x 28" or 24" x 36" showcasing what was learned in this project area.

B154-906 **Essay** – Write an essay (3-5 pages) that showcases what was learned in this project area.

B154-907 **Digital Media** – Design a form of digital media (advertisement, flyer, short video or presentation, social media, or web page, etc.) that showcases what was learned in this project area. Upload the digital media file to an online location (web site, Dropbox, Google Drive, YouTube, Flickr, etc.) and using the web

address of the digital media file, create a QR code (using any free QR code creator, ex. qr-code-generator.com). Print the following on an 8.5" x 11" sheet of cardstock: 1) the QR code, 2) 1-3 sentences about what viewers will see when they access the QR code on their mobile device.

PHOTOGRAPHY

1. All exhibitors in Levels I, II, and III may show at County Fair.
2. 4-H members can exhibit in only **ONE** photography level.
3. Individuals may enter one exhibit per class. *Youth eligible for State Fair can only have three exhibits advance. ****Logan County 4-Her's will only be paid premium on 3 entries.**
4. An image may only be used on one exhibit except for Portfolios, which may include images entered in other classes.
5. **Cameras:** Photos may be taken with any type of film or digital camera, including phones, tablets, and drones.
6. Photos must be shot by 4-H member during the current project year except for Portfolios, which may include images captured and/or exhibited in previous years.
7. Securely attach photos, mats, backing, and data tags. Exhibits that are poorly attached may be disqualified. Do not use photo corners, borders, or place coverings over the exhibits.
8. **Portfolios:** All portfolios must include the following information: 1) 1-page max bio, 2) table of contents, 3) year each photo was taken, 4) title for each image, 5) device make and model used to capture each image, and 6) reflections for each photo. When writing reflections, youth should focus on what new photography techniques or skills they were practicing when they took the photo, what makes the image successful, and what could have been done to improve the image. Portfolios may be presented in either print or digital formats:
 1. Printed portfolios should be presented in an 8.5"x11" three ring binder or similar book format. Recommended photo size is 8"x10". Matting is not necessary.
 2. Digital portfolios may be presented online and must be exhibited along with a single 8.5"x11" flyer. Flyers must include a link, URL, or QR code that takes users (judges and fairgoers) to their online portfolio.
9. **Display exhibits** are only accepted in Level 1 and 2 classes. Displays consist of three 4"x 6" photos mounted on a single horizontal 11"x14" black or white poster or mat board. Incorrect sizes will not be accepted. No foam board backing should be used. Each photo in the display must be numbered using a pencil. Numbers should be readable but not distract from the overall display. No titles, captions, or stick-on numbers will be

allowed. Photos may be mounted vertically or horizontally. Appropriate Data Tags are required (see rule regarding Data Tags).

10. **Print Exhibits:** Print exhibits must be 8"x10" printed mounted in 11"x14" (outside size) cut matting with a **sandwich mat board backing**. Incorrect sizes will not be accepted. No foam board should be used for matting or backing. Mat openings may be rectangular or oval. Photos may be horizontal or vertical. No frames are allowed. Appropriate data tags are required (see rule regarding Data Tags).
11. **Entry tags:** should be securely attached to the upper right-hand corner of the exhibit.
12. **Data Tags:** Data Tags for corresponding levels are required on all print and display exhibits. Data tags are not required for portfolios. Each exhibit must have the appropriate number and level of data tags for the pictures in the exhibit. Data tags should be securely attached to the back of the exhibit. Current data tags and help sheets are available from the extension office.
13. **Prints:** All prints must have a Data Tag corresponding to the level.
14. **Displays:** Each photo of the display must include a separate Data Tag corresponding to the level of display. Data Tags should be numbered with the corresponding photo's number.

LEVEL 1: PHOTOGRAPHY BASICS

- B180-901 **Fun with Shadows Display or Print**—Photos should capture interesting or creative use of shadows. (Activity 4)
- B180-902 **Get in Close Display or Print**—Photo should capture a close-up view of the subject or object. (Activity 8)
- B180-903 **Bird's or Bug's Eye View Display or Print**—Photo should capture an interesting viewpoint of a subject, either from above (bird's eye view) or below (bug's eye view). (Activity 10)
- B180-904 **Tricks and Magic Display or Print**—Photos should capture visual trickery or magic. Trick photography require creative compositions of objects in space and are intended to trick the person viewing the photo. For example, if someone is standing in front of a flowerpot, the pot might not be visible in the image, making it look as if the flowers are growing out of the person's head. (Activity 11)
- B180-905 **People, Places, or Pets with Personality Display or Print**—Photos should have a strong focal point, which could be people, places, or pets. Photos should capture the subject's personality or character. Photos may be posed or un-posed. (Activity 13)
- B180-906 **Black and White Display or Print**—Photos should create interest without the use of color. Photos should show strong contrast and/or textures. Photos may be captured in black and

white or captured in color and edited to black and white. (Activity 15)

- B180-907 **Photo Story Exhibit:** Exhibit will include three photos which tell a story without words. Photos may show something being created, destroyed, consumed, moving, or growing. Photos should capture the beginning, middle, and end of a single story, project, or event. Display will consist of three 4x6 photos mounted on a single horizontal 11x14 black or white poster or mat board. Each photo in the display must be numbered using a pencil. Numbers should be readable but not distracting from the overall display. No titles, captions, or stick-on numbers are allowed. Photos may be mounted vertically or horizontally. Data tags are required for each photo in the display. (Activity 14)

- B180-908 **Home Décor using Photography** A home accessory made from a photograph taken by the 4-H'er in the last year made into an accessory for your bedroom or other room in the house. It can include more than one photo. It must be ready for display.

LEVEL 2: NEXT LEVEL PHOTOGRAPHY

Level 2 photographers should be utilizing all the skills and techniques they have developed thus far in their photography careers, especially topics covered in Book 1 Photography Basics and Book 2 Next Level Photography.

- *B181-010 **Level 2 Portfolio**- Level 2 portfolios should represent the photographer's best work and must include 5-7 different images from the 4-H member's photography career. At least 2 images must have been taken during the current year. The remaining images may have been taken at any time during the member's 4-H experience and may have been previously exhibited. Portfolios may include photos which are exhibited in other Level 2 classes during the same year. Portfolios must include: 1) 1-page max bio, 2) table of contents, 3) year each photo was taken, 4) title for each image, 5) device make and model used to capture each image, and 6) reflections for each image. When writing reflections, youth should focus on what new photography techniques they were practicing when they took the photo, what makes the image successful, and what could have been done to improve the image.
- *B181-020 **Creative Techniques & Lighting Display or Print** - Photos should capture a creative use of lighting, such as diffused lighting, backlighting, or hard lighting, reflections, or another lighting technique covered in Book 2 Next Level Photography (Activity 3, 4, 5)
- *B181-030 **Creative Composition Display or Print** - Photos should capture a creative composition using the Rule of Thirds, Golden Triangle, Golden Rectangle, or another composition

technique covered in Book 2 Next Level Photography. (Activity 6, 7, 8, 9)

*B181-040 **Abstract Photography Display or Print** - Photos should be abstract or capture a small piece of a larger subject. Abstract photos may not look like anything but should be able to capture a viewer's attention. (Activity 11)

*B181-050 **Candid Photography Display or Print** - Candid photos should capture a special moment or meaningful interaction. Photos should be unposed. (Activity 10)

*B181-060 **Expression Through Color Display or Print** - Photos should capture a creative use of color or a color scheme, such as complimentary, contrasting, monochromatic, warm, cool, primary, secondary, or tertiary. (Activity 13)

B181-901 **Challenging Photo Exhibit - Pictures with a Purpose** - Exhibit will include a series of three photos which show off a product, organization, or event. Photos should be captured with the idea of being used in an advertisement or promotion. All three photos must capture the same product, organization, or event. Exhibits will consist of three 4"x6" photos mounted on a single 11"x14" black or white poster or mat board. No foam core backing. Photos may be mounted vertically or horizontally. Data tags are required for each photo in the exhibit. Exhibit should be titled with the name of the product, organization, or event featured in the photos. Each photo should be numbered and captioned. Captions should provide context for the viewer - similar to photo captions you might see in a magazine or newspaper. Captions should be readable but not distracting. (Activity 14)

B181-905 **Home Décor using Photography** A home accessory made from a photograph taken by the 4-H'er in the last year made into an accessory for your bedroom or other room in the house. It can include more than one photo. It must be ready for display.

LEVEL 3: MASTERING PHOTOGRAPHY

Level 3 photographers should be exploring and experimenting with advanced techniques. This may include but does not necessarily require using an SLR camera, manual adjustments, or other advanced equipment. Level 3 photographers should be utilizing all the skills and techniques they have developed throughout their photography career, especially topics covered in Book 1 Photography Basics, Book 2 Next Level Photography, and Book 3 Mastering Photography.

*B182-010 **Level 3 Portfolio** - Level 3 portfolios should represent the photographer's best work. Level 3 portfolios must include 9-11 images from the 4-H member's photography career. At least 3 images should be from the current year. The remaining images may have been taken at any time during the member's 4-H experience and may have

been previously exhibited. Portfolios may include photos which are exhibited in other Level 3 classes during the same year. Portfolios must include: 1) 1-page max bio, 2) table of contents, 3) year each photo was taken, 4) title for each image, 5) device make and model used to capture each image, and 6) reflections for each image. When writing reflections, youth should focus on what new photography techniques or skills they were practicing when they took the photo, what makes the image successful, and what could have been done to improve the image.

*B182-020 **Advanced Techniques & Lighting Print** - Photos should show an experimentation or exploration of advanced lighting, such as low-light or silhouette photography or another advanced photography technique, such as astrophotography, underwater photography, or infrared photography. (Activity 3, 4, 5, or 12)

*B182-030 **Advanced Composition Print** - Photos should show advanced compositions, such as using diagonal, horizontal, or vertical lines or repeating shapes to frame a subject or lead the viewer's eye through a scene; breaking the rule of thirds to compose a discordant image; or another advanced composition technique covered in Book 3 Mastering Photography (Activity 6, 7)

*B182-040 **Portrait Print** - A great portrait captures not only a person's physical image, but also something of the person's character or personality. Photos may be either formal or informal but must be of one or more human subjects. (Activity 9)

*B182-050 **Still Life Print** - Photos should capture non-moving objects that have been arranged in an interesting way. Photos should demonstrate advanced control over lighting and composition. (Activity 8)

*B182-060 **Freeze/Blur the Moment Print** - Photos should capture a subject in motion. Photographers should adjust shutter speed to either freeze or blur the movement. (Activity 11)

B182-901 **Challenging Photo Exhibit - Photo Joiner** - Using Activity 13 as a guide, create a photo joiner. Photo joiners should include more than 15 separate photos. Recommended photo size is 3"x5" or 4"x6". Photos should be securely mounted to an appropriately sized poster or mat board (minimum: 11x14; maximum: 22"x28"). No foam core backing. A single data tag is required for the exhibit. (Activity 13)

B182-905 **Home Décor using Photography** A home accessory made from a photograph taken by the 4-H'er in the last year made into an accessory for your bedroom or other room in the house. It can include more than one photo. It must be ready for display.

CONSUMER & FAMILY SCIENCE

CLOTHING

- 1. Identification Labels:** Each item entered as a clothing, knitting or crochet exhibit **MUST** have a label attached stating: County, exhibitor's name and age, project name and class in which garment is entered, and the number of years enrolled in the project exhibited. Wool entries must have the fiber content listed on the identification label. Attach a label on every component of the outfit using safety pins or by basting. Not responsible for unlabeled items.
- 2. Preparation of Exhibits:** Please bring all wearable exhibits on wire hangers. All exhibits not suitable for hanging should be entered in a self-sealing plastic bag hung on a hanger. Wool garments and garments with narrow straps hang better on other hangers, i.e., wooden or notched plastic hangers with a swivel hook. As you look at the garment, place the hook of the hanger pointing to the left. Fasten skirts, shorts and pants to skirt/pant hangers or safety pin on hanger. Each piece should be entered on its own hanger. If more than one hanger is used for an entry, fasten hangers belonging to one exhibit together with twist ties or rubber bands.
3. If you have used a unique method or technique in creating your exhibit (drew your own design, wove your own fabric, etc.) indicate that on a half sheet of 8 ½" x 11" paper placed with the entry tag.
4. A design data card must be included with all Beyond the Needle Classes C221003-C221008 and STEAM 2 and 3 upcycled exhibits. The data card is available at <http://go.unl.edu/ne4hclothing>. If the data card is not included, the exhibit will be lowered one ribbon placing.
5. Garments as listed may be made for self (4-H member) or another person/animal.
6. 4-H'er's enrolled in clothing projects should continue their skill development. Once you have exhibited in a higher level, you are not eligible to exhibit in a lower level. Once you exhibit in STEAM Clothing 3, you are not eligible to exhibit in STEAM Clothing 2.
7. Any item made in a clothing project must be pre-entered online by the pre-fair entry deadline.
8. Clothing and quilting exhibits will be judged on Clothing Judging Day. (Watch newsletter & web site for details).
9. If the garment or article does not meet the qualifications as listed in the County Fair Premium List, the article will be dropped a ribbon placing and will not be eligible for special fair awards in clothing.
10. Project Prizes will be chosen at the judge's discretion.

GENERAL CLOTHING

4-H members in all skill levels may exhibit in this area.

- *C220-001 **Clothing Portfolio** – Complete at least four different samples/activities from Chapters 2, 3 or 4 of the project manuals. The Portfolio should be placed in an 8 ½ x 11, 3 ring binder. Include an appropriate cover. Portfolio should build upon itself each year (additional pages can be added each year but should be dated.) See pages 9-11 in STEAM Clothing 2: Simply Sewing project manual for portfolio formatting.
- *C220-002 **Textile Science Scrapbook** – Must include at least 10 different textile samples. Use Textile Information Cards template on page 39 in STEAM Clothing 2: Simply Sewing project manual to identify fabric swatches. Completed textile cards should be placed in an 8 ½ x 11, 3 ring binder. Include an appropriate cover. Textile Science Scrapbook should build upon itself each year (additional pages can be added each year but should be dated.) See project manual for fabric suggestions.
- *C220-003 **Sewing for Profit** – Using page 161-167 in the STEAM Clothing 2: Simply Sewing project manual, display what products you posted online and analyze the cost of goods purchased to determine the appropriate selling price for your product. The Exhibit may be a notebook, poster, or small display. Exhibits should not exceed 22" x 30".

STEAM CLOTHING: BEYOND THE NEEDLE

- *C221-001 **Design Portfolio** A portfolio consisting of at least three design samples or activities. Refer to the project manual for activity ideas. The Portfolio should be placed in an 8 ½ x 11, 3 ring binder. Include an appropriate cover. (Additional pages can be added each year but should be dated). See pages 14-16 for portfolio formatting.
- *C221-002 **Color Wheel** – Create your own color wheel, complimentary color bar or color scheme using pages 27-39 in the project manual. The exhibit may be a notebook, poster, or small display. Exhibits should not exceed 22" x 30".
- *C221-003 **Embellished Garment with Original Design**. Create a garment using techniques as defined in the project manual. Designs are the original idea of the 4-H'er using the elements and principles of design to make an original statement. A Design Data Card must be included with this project. If additional information is not included, exhibit will be lowered one ribbon placing.
- *C221-004 **Original Designed Fabric Yardage**. Fabric yardage is designed using techniques such as those found in the manual. Other embellishments may be added. Exhibit consists of at least one yard of finished fabric. A Design Data Card must be included with this project. If

additional information is not included, exhibit will be lowered one ribbon placing.

- *C221-005 **Item (Garment or Non-Clothing Item) Constructed from Original Designed Fabric.** Fabric yardage is designed first, then an item is constructed from that fabric. Other embellishments may be added. A Design Data Card must be included with this project. If additional information is not included, exhibit will be lowered one ribbon placing.
- *C221-006 **Textile Arts Garment or Accessory.** A garment or accessory constructed using new unconventional materials. Examples: rubber bands, plastic, duct tape. A Design Data Card must be included with this project. If additional information is not included, exhibit will be lowered one ribbon placing.
- *C221-007 **Fashion Accessory: (Not eligible for State Fair Fashion Show)** An accessory designed and/or constructed using elements and principles of design; can be textile or non-textile based. Example: shoes, strung bracelet/necklace, wire wrapping, scarves, flip flops, design on tennis shoes, etc. A Design Data Card must be included with this project. If additional information is not included, exhibit will be lowered one ribbon placing.
- *C221-008 **Wearable Technology Garment or Accessory:** Technology is integrated into the garment or accessory in some way (For example: LED's charging capabilities, sensors, etc.) A Design Data Card must be included with this project. If additional information is not included, exhibit will be lowered one ribbon placing.
- *C221-009 **Wearable Technology Accessory:** An accessory constructed integrating technology into the accessory (For example: Charging Backpack, Fitness Tracker etc.) A Design Data Card must be included with this project. If additional information is not included, exhibit will be lowered one ribbon placing.

C221-901 **Extra Garment or Accessory.**

STEAM CLOTHING 1: FUNDAMENTALS

1. Exhibits will be simple articles requiring minimal skills. Follow suggested skills in project manual.
2. May exhibit one item per class number.
3. 4-Her's who have enrolled in or completed STEAM Clothing 2 project are not eligible to exhibit in STEAM Clothing 1.
4. STEAM Clothing 1 entries are not eligible for State Fair.
5. Beginning Sewing Exhibits: Exhibits must be made from medium weight woven fabrics that will sew and press smoothly, flannel/fleece is acceptable. Solid color fabrics or those having an overall print are acceptable. NO PLAIDS, STRIPES, NAPPED or JERSEY KNIT. Patterns should be simple without darts, set-in sleeves, and collars. Raglan and kimono sleeves are acceptable.

- C900-901 **Clothing Portfolio** – Complete at least three different samples/activities from Chapter 2 OR Chapter 3 of the project manual.
The Portfolio should be placed in an 8½ x 11, 3 ring binder. Include an appropriate cover, dividers, and table of contents. (Additional pages can be added each year but should be dated) See pages 9-10 for portfolio formatting.
- C900-902 **Sewing Kit** - Include a list of sewing notions and purpose for each included. (Pages 12-17 in project manual)
- C900-903 **Fabric Textile Scrapbook** – Must include at least 5 different textile samples. Use Textile Information Cards templates on page 41 in project manual to identify fabric swatches. See project manual for fabric suggestions.
- C900-904 **What's the Difference** – 4-H members enrolled in STEAM Clothing 1 may enter an exhibit (not to exceed 22" x 30") a notebook, poster, small display sharing a project comparison and price point. See project manual, "What's the Difference?" pages 118-119. Exhibits should include pictures, NO actual pillows.
- C900-905 **Clothing Service Project** – Can include pillows or pillowcases but are not limited too. Exhibit (not to exceed 22" x 30") a notebook, poster, small display sharing information you generated in the project activity "Serving a Purpose" pages 124-125.
- C900-906 **Pincushion**
- C900-907 **Pillowcase**
- C900-908 **Simple Pillow** – No larger than 18" x 18"
- C900-909 **Bag/Purse** – No zippers or buttonholes.
- C900-910 **Simple Top**
- C900-911 **Simple Bottom** - Pants, shorts, or skirt
- C900-912 **Simple Dress**
- C900-913 **Other** (Using skills learned in project manual)
- C900-914 **Upcycled Simple Garment** – The original used item must be redesigned (not just decorated) in some way to create a new wearable piece of clothing. A "before" picture and a description of the redesign process must accompany the entry, or it will be disqualified.
- C900-915 **Upcycled Accessory**- A wearable accessory made from a used item. The item used must be changed in some way in the "redesign" process. A "before" picture and a description of the redesign process must accompany the entry, or it will be disqualified.
- ## STEAM CLOTHING 2: SIMPLY SEWING
1. Exhibits entered in this project must reflect at least one new skill learned from this manual. (See project manual skill-level list).
 2. Garment as listed below may be made from any woven or knit fabric appropriate to the garment's design and should demonstrate sewing skills beyond STEAM Clothing 1.

*C222-001 **Design Basics, Understanding Design Principles** – 4-H members enrolled in STEAM Clothing 2 may enter an exhibit sharing a learning experience from pages 17-20 in the project manual. Include answers to questions found on page 20 of the manual. The exhibit may be a notebook, poster, or small display. Exhibits should not exceed 22" x 30".

*C222-002 **Pressing Matters** – 4-H members enrolled in STEAM Clothing 2 may enter a ham or sleeve roll from pgs. 21-25, "A Pressing Matter" in the project manual. Exhibit should include answers to lesson questions most appropriate to include.

*C222-003 **Upcycled Garment** - Create a garment from used textile-based items. The original used item must be redesigned using skills learned in STEAM Clothing 2 (not just decorated) in some way to create a new wearable piece of clothing. The finished garment must reflect at least one skill learned in this project. A list of skills is available at <https://go.unl.edu/ne4hclothing>. A Design Data Card must be included with this project including a "before" picture no larger than 4.25" x 5.5". If additional information is not included, exhibit will be lowered one ribbon placing.

*C222-004 **Upcycled Clothing Accessory** – A wearable accessory made from a used item. The original used item must be redesigned using skills learned in STEAM Clothing 2 (not just decorated) in some way to create a new wearable accessory. The finished garment must reflect at least one skill learned in this project. A "before" picture and a description of the redesign process must accompany the entry. A Design Data Card must be included with this project including a "before" picture no larger than 4.25" x 5.5". If additional information is not included, exhibit will be lowered one ribbon placing.

*C222-005 **Textile Clothing Accessory** – Textile accessory is constructed using at least one skill learned in this project from materials appropriate for STEAM 2. Entry examples include hats, bags, scarves, gloves. No metal, plastic, paper, or rubber base items allowed (i.e., barrettes, headbands, flip flops, duct tape, etc.

*C222-006 **Top** (Vest acceptable)

*C222-007 **Bottom** (pants or shorts)

*C222-008 **Skirt**

*C222-009 **Unlined or Lined Jacket** (non-tailored)

*C222-010 **Dress** (not formal wear)

*C222-011 **Romper or Jumpsuit**

*C222-012 **Two-Piece Outfit**

*C222-013 **Alter Your Pattern** Garment constructed from a significantly altered pattern. Entry must include both the constructed garment and the altered pattern. *Include information sheet that describes:* 1. How the pattern was altered or changed. 2) Why the changes were needed/wanted. Appropriate skills for

altering/designing a pattern in STEAM 2 include: moving darts, merging two patterns together, altering a pattern for a woven or knit material, adding a lining)

*C222-014 **Garment Constructed from Sustainable or Unconventional (natural or synthetic) fibers.** Fabric/Fibers used in this garment must be manufactured/purchased, for example: bamboo, banana, corn husk and recycled fibers. Garments that are constructed out of the unconventional items themselves should be exhibited under Beyond the Needle.

C222-901 **Extra Garment**

STEAM CLOTHING 3: A STITCH FURTHER

1. Exhibits entered in this project must reflect at least one new skill learned from this manual. (See project manual skill-level list).
2. Garments as listed may be made from any pattern or any fabric and should demonstrate sewing skills beyond STEAM Clothing 2.
3. Entry consist of complete constructed garments only.
4. Wool entries must have the fiber content listed on the identification label.

*C223-001 **Upcycled Garment** - Create a garment from used textile-based items. The original used item must be redesigned (not just decorated) in some way to create a new wearable piece of clothing. The finished garment must reflect at least one skill learned in this project. A "before" picture and a description of the redesign process must accompany the entry.

*C223-002 **Upcycled Clothing Accessory** - A wearable accessory made from a used item. The item used must be changed in some way in the redesign process. The finished accessory must reflect at least one skill learned in this project. A "before" picture and a description of the redesign process must accompany the entry.

*C223-003 **Textile Clothing Accessory** - Textile accessory is constructed using at least one skill learned in this project from materials appropriate for STEAM 3. Entry examples include hats, bags, scarves, gloves. No metal, plastic, paper, or rubber base items allowed (i.e., barrettes, headbands, flip flops, duct tape, etc.)

*C223-004 **Dress or Formal**

*C223-005 **Skirted Combination** (skirt with shirt, vest or jacket OR jumper and shirt.)

*C223-006 **Pants or Shorts Combination** (pants or shorts with shirt, vest, or jacket.)

*C223-007 **Romper or Jumpsuit**

*C223-008 **Specialty Wear** (Includes swim wear, costumes, hunting gear or chaps)

*C223-009 **Unlined or Lined Jacket (non-tailored)**

*C223-010 **Coat, Blazer, Suit Jacket or Outerwear** (A tailored blazer or suit jacket or coat. Wool entries must have the fiber content listed on the identification label to be considered for the *Make It With Wool Award*.)

*C223-011 **Alter/Design Your Pattern:** Garment constructed from a significantly altered pattern. Entry must include both the constructed garment and the altered pattern. Include information sheet that describes how the pattern was altered or changed, and why the changes were needed/wanted. Appropriate skills for altering/designing a pattern in STEAM 3 include: moving darts, adding a zipper, merging two patterns together, altering a pattern for a woven or knit material, adding a lining, designing your own pattern

*C223-012 **Garment Constructed from Sustainable or Unconventional (natural or synthetic) fibers.** Fabric/Fibers used in this garment must be manufactured/purchased, for example: bamboo, banana, corn husk and recycled fibers. Garments that are constructed out of the unconventional items themselves should be exhibited under Beyond the Needle.

C223-901 **Extra Garment**

KNITTING

1. All knitted items will be entered on clothing entry day and displayed in the clothing area.
2. Criteria for judging knitting: design and color, neatness, knitting mechanics, trimmings and constructions finishes.
3. Information Sheet for Knitting: Each knitted exhibit must include the following information with the entry tag or exhibit will be lowered one ribbon placing:
 - Why did you choose to create this exhibit?
 - What steps did you take as you created this exhibit?
 - What were the most important things you learned?
 - Gauge - Number of rows per inch; number of stitches per inch.
 - Size of needles, finger knitted, arm knitted, loom or machine knitted.
 - Kind of yarn - weight and fiber content.
 - Names of stitches used.

C225-901 **Level 1 Article** One simple article other than garment. Example - hot pad, scarf, hat, etc.

*C225-001 **Level 2 – Knitted Clothing** knitted garment using pattern stitches such as diamond, block, twist, or seed/moss stitches. Basic stitches [Including: Knit (K), Purl (P), Slip Knit Pass Over (SKPO), Knit Two Together (K2tog), Yarn Over (yo)] to form patterns.

*C225-002 **Level 2 – Knitted Home Environment Item** – Knitted item using basic stitches [Including: Knit (K), Purl (P), Slip Knit Pass Over (SKPO), Knit Two Together (K2tog), Yarn Over (yo)] to form patterns.

*C225-003 **Arm or Finger Knitted Item** (Clothing or Home Environment Item)

*C225-004 **Loom Knitted Item** (Clothing or Home Environment Item)

*C225-005 **Level 3 - Knitted Clothing - Knitted Item or garment** made from advanced knitting stitches such as pass slipstitch over, double-pointed needle knitting, cable, Turkish, tamerna, plait, germaine, feather and fan or knitting with one or more patterns such as Aran or Fair Isle made by using stitches learned in Level 2 while advancing to circular knitting, double pointed needle knitting, knitting with multiple pattern stitches, and changing colors throughout the garment such as argyle knitting and chart knitting.

*C225-006 **Level 3 – Knitted Home Environment Item** - Knitted Item made by using stitches learned in Level 2 while advancing to circular knitting, double pointed needle knitting, knitting with multiple pattern stitches, and changing colors throughout the garment such as argyle knitting and chart knitting.

*C225-007 **Level 3 – Machine Knitting**
C225-902 **Other knitted accessory**

CROCHET

1. All crochet items will be entered on clothing entry day and displayed in the clothing area.
2. Criteria for judging crochet: design and color, neatness, crochet mechanics, trimmings, and construction finishes.
3. Information Sheet for Crochet: Each crocheted exhibit must include the following information on the fiber arts data card with the entry tag, or the exhibit will be lowered one ribbon placing:
 - Why did you choose to create this exhibit?
 - What steps did you take as you created your exhibit?
 - What were the most important things you learned?
 - Gauge and size of hook or type of crocheting tool.
 - Kind of yarn - weight and fiber content or other material used
 - Names of stitches used

C226-901 **Level 1 - Article** with single crochet, double crochet, or granny square.

*C226-001 **Level 2 – Crocheted Clothing** Crochet garment using basic stitches [including: chain, single, double, half-double, treble] to form patterns.

*C226-002 **Level 2 – Crocheted Home Environment Item** – Crochet item using basic stitches [including: chain, single, double, half-double, treble] to form patterns.

*C226-003 **Level 3 – Crocheted Clothing.** Crochet garment using stitches learned in Level 2 while advancing to use Afghan stitch, broomstick lace, hairpin lace, design motifs, and multiple pattern stitches.

*C226-004 **Level 3 – Crocheted Home Environment**

Item Crochet item using stitches learned in Level 2 while advancing to use Afghan stitch, broomstick lace, hairpin lace, design motifs, and multiple pattern stitches.

C226-902 **Other article**, must include the pattern.

QUILT QUEST

1. A quilted exhibit must be made up of at least 3 layers.
2. Exhibits must be quilted or tied through all layers.
3. Fleece blankets are not eligible in this division.
4. Quilts must have a permanent label on the back in the bottom right corner with quilter's name and date of completion.
5. All quilt exhibits (including barn quilts) should be pre-entered and entered on clothing judging day. See the 4-H newsletter for specific entry day.
6. All entry cards and support information must be attached using a safety pin. **No straight pins.**
7. When judging Quilt Quest exhibits, the judges consider **SF209** "Standards for Judging Quilts and Quilted Items."
8. For all classes, 4-Hers can choose fabrics for the quilt by selecting fabric from fabric bolts. 4-Hers may also use "fabric collections" offered by manufacturers in a particular designer or fabric line. Examples of fabric collection include:
 - **Jelly Rolls** are made of (up to) 40 different strips of 2 ½" wide fabric laying on top of one another and rolled up to look like a jelly roll. The fabric is created by one designer or fabric line and compliments each other. In many cases, less skilled 4-Hers find it difficult to cut narrow strips with a rotary cutter and ruler, so this fabric selection may make it easier as they learn.
 - **Honey Buns** are made like the Jelly Rolls with 1 ½" strips of fabrics.
 - **Layer Cakes** are 10" squares of fabric from a manufactured designer or fabric line with different pieces of fabric "layered" on top of one another to look like a piece of cake.
 - **Charm Packs** are made of 5" squares of coordinating fabric and may be tied up with a string or scrap of fabric.
 - **Candies** are 2.5" squares of fabric from a manufactured designer or fabric line.
 - **Turnover** is a collection of coordinating fabrics that are cut into 6" triangles.
 - **Fat Quarters** are ½ yard cuts of fabric which are cut in half to make a rectangle that is approximately 18" x 21". (One half yard of fabric yields 2 fat quarters). The "fat quarter" can be more economical to purchase for a smaller quilt because the purchaser does not have to buy the entire yardage width.
 - **Fabric Kit** is a collection of fabrics cut in large pieces to accommodate the requirements of a particular quilt pattern. The 4-Her must cut out

all the smaller squares, rectangles, etc. to make the quilt top according to the pattern directions.

9. After fabric selection, youth can use a variety of tools for cutting the fabric and completing the quilt. Cutting into pattern pieces may include hand roller die cutting machines that cut shapes which can be applied to fabric. This is allowed in the construction of the quilt.
10. A quilted exhibit consists of 3 or more layers.
11. All quilted exhibits must be quilted (machine or hand) or tied.
12. All quilt piecing and finishing must be the sole work of the 4-H member. Quilting, whether machine or hand quilted, may be done by another individual except for the Premier Quilt class. No pre-quilted fabric may be used.
13. Wall quilts must have a hanging sleeve on the back of the quilt, or some method for hanging.
14. All quilted exhibits must be clean and finished for intended purpose.
15. On a half sheet of 8½ x 11-inch paper, include an explanation answering the following questions: A) How did you select the design and fabrics including whether you used a kit, jelly roll, charm squares, etc.? B) What did you do and what was done by others? C) What did you learn you can use on your next project?

*C229-010 **Exploring Quilts**. Illustrate some aspect of quilts or quilt making. Examples include, but are not limited to language arts, quilts of different cultures, chemistry, design, preservation, history, construction, math conversion of quilt patterns, textiles/fabrics, computerization, and entrepreneurship. History may include history of an old quilt or history/research of a particular style of quilt such as Baltimore album quilts or Amish quilts. Exhibit may be a 14" x 22" poster, notebook, CD, PowerPoint, Prezi, DVD, YouTube, or other technique. All items in an exhibit must be attached together and labeled. NO quilted items should be entered in this class.

*C229-020 **Quilt Design Other Than Fabric** - Two or three-dimensional item with quilt design made using medium other than fabric, such as wooden quilt block, stained glass, paper, etc. Supporting information is required for this exhibit. Information must also include elements or principles of design used and steps taken to complete project. Please note this is in the Home Environment information sheet. Exhibits without supporting information will be dropped a ribbon placing.

*C229-030 **Computer Exploration** - Poster or notebook with a minimum of six computer generated quilt designs or color variations on a quilt design. Include information on type of program used, process used to generate designs, or how you used color to create different quilt designs. Size

of poster or notebook to be suitable for the exhibit.

Barn Quilts: – A barn quilt is a large piece of wood painted to look like a quilt block. Supporting information is required for this exhibit. Information must include elements or principles of design used and steps taken to complete project. This is on the Home Environment information sheet. Exhibits without supporting information will be dropped a ribbon placing.

*C229-021 - **Barn Quilt** created that is less than 4'x4".

*C229-022 - **Barn Quilt** created that is 4'x4' or larger.

*C229-040 - **Wearable Art** Quilted Clothing or clothing accessory which must have a recognizable amount of quilting and may include fabric manipulation. Quilting must be done by the 4-H member. On a half sheet of 8 1/2 x 11-inch paper, tell how you selected the design and fabrics including whether you used a kit, jelly roll, charm squares, etc.

*C229-041 - **Inter-generational Quilt**- A quilt made by 4-H member and family members or friends of different generations. On a half sheet of 8 1/2 x 11-inch paper, include an explanation answering the following questions: A) How was the quilt planned and who did what in the construction of the quilt? B) How did you select the design and fabrics including whether you used a kit, jelly roll, charm squares, etc.? C) What did you learn that you can use on your next project?

*C229-042 - **Service Project Quilt** - A quilt constructed by a 4-H member or group to be donated to a worthy cause. On a half sheet of 8 1/2 x 11-inch paper, include an explanation answering the following questions: A) Why was the quilt constructed and who will receive the donated quilt? B) How did you select the design and fabrics used including whether you used a kit, jelly roll, charm squares, etc.? C) What did you do and what was done by others? D) What did you learn that you can use on your next project?

QUILTED EXHIBITS:

Small: length + width = less than 60". This size includes miniature quilts, wall hangings, table runners, placemats (4) and pillows.

All items must be quilted. Pillows must have a quilted top, not just pieced patchwork.

Medium: length + width = 61" to 120"

Large: length + width = over 120"

Quilted Exhibits (Classes 50-52) – Pieced quilts made up of squares and/or rectangles.

*C229-050 **Small**

*C229-051 **Medium**

*C229-052 **Large**

C229-901 **Other quilted exhibit** (Level 1)

Quilted Exhibits (Classes 60-62) - In addition to any of the methods in classes 50-52, quilts may have triangles and/or may be embroidered.

*C229-060 **Small**

*C229-061 **Medium**

*C229-062 **Large**

C229-902 **Other quilted exhibit (Level 2)**

Quilted Exhibits (Classes 70-72) - In addition to any of the methods in classes 50 – 62, quilts may have curved piecing, applique, Celtic style, stained glass style, paper piecing, art quilt style (an art quilt is an original exploration of a concept or idea rather than the handing down of a "pattern". It experiments with textile manipulation, color, texture and/or a diversity of mixed media. An Art Quilt often pushes quilt work boundaries) or other non-traditional styles.

*C229-070 **Small**

*C229-071 **Medium**

*C229-072 **Large**

C229-903 **Other quilted exhibit (Level 3)**

Premier Quilt - Entire quilt is the **sole work** of the 4-H member, including quilting (hand or machine). The youth may receive guidance but no one else may work on the quilt. Tied quilts are not eligible in this class. In the **Premier class**, the 4-Her has developed skills to be able to do all the work by himself/herself. This includes pattern and fabric selection, cutting and sewing individual pieces, layering the quilt top/batting/backing together and quilting. Quilting may be done by hand, by sewing machine or by a commercial-grade quilting machine. After quilting, the 4-Her must finish the quilt by "squaring it up", put binding on the edge and placing a label on the quilt which provides details about the quilt making process for historical purposes.

*C229-080 - **Hand quilted**

*C229-081 - **Sewing machine quilted**

*C229-082 - **Long arm quilted**—non-computerized/hand guided

*C229-083 - **Long arm quilted**—computerized

SHOPPING IN STYLE

1. If exhibit is a poster, it should be on a 14"x22" poster board.
2. If a three-ring binder is used it should be 8½" x 11"x1".
3. Video exhibits should be less than 5 minutes in length and be able to be played on a PC using Windows Media Player, Real Player, or QuickTime Player.

*C240-001 **Best Buy for Your Buck (Ages 9-13)**.

Provide details of the best buy you have made for your buck this year. Consider building the ultimate wardrobe by adding to this entry each year by dividing it into Year 1, Year 2, Year 3, etc. Put the story in a binder or video, no posters please (see general information). Provide details about wardrobe inventory which includes why you selected the garment you did, clothing

budget, cost of garment and a conclusion or summary statement(s) stating your final comments on why you selected your "best buy for your buck". Provide 3 color photos of you wearing the garment (front, side, back views)

*C240-002 **Best Buy for Your Buck** (Ages 14-18)
Provide details of the best buy you made for your buck this year. Consider building the ultimate wardrobe by adding to this entry each year by dividing it into Year 1, Year 2, Year 3, etc. Put the story in a binder or video, no posters please (see general information above). Do not include the Shopping In Style Fashion Show Information Sheet in your entry. Although both entries do share some information, there are differences in content and format for this class. Provide details listed for those ages 10-13 plus include the following additions: Body shape discussion, Construction quality details, Design features that affected your selection, Cost per wearing, Care of garment, Conclusion or summary statement(s) stating your final comments on why you selected your "best buy for your buck.", Provide 3 color photos of you wearing the garment - front view - side view - back view

*C240-003 **Revive Your Wardrobe**. Take at least two items in your wardrobe that still fit but that you do not wear anymore and pair them with a new garment to make them wearable once again. Create a photo story which includes before and after photos and a description of what was done. Put in a binder, poster, or video.

*C240-004 **Show Me Your Colors**. Select 6-8 color photos of you wearing different colors. Half should be what you consider to be good personal color choices and half should be poor personal color choices. Write a brief explanation with each photo describing your selections. Refer to the manual page 23 for more information. Entry should be a poster.

*C240-005 **Clothing 1st Aid Kit**. Refer to page 73 of the manual and complete a clothing first aid kit. Include a list of items in the kit and brief discussion of why each was included. Put in appropriately sized box or tote with a lid. No larger than a shoe box.

*C240-006 **Mix, Match & Multiply**. Using this concept from page 32 of the manual take at least 5 pieces of clothing and create new outfits. Use your imagination to show various looks (i.e., on a clothesline, in a tree, on a mannequin). Include a brief discussion of each outfit which demonstrates what you have learned by completing this entry. Entry can be a binder, poster, or video (see general information)

FASHION SHOW

1. 4-H members may model constructed outfits to be **judged** in the Fashion Show contest in **ONLY 2** different clothing projects.
2. You must complete a fashion revue narration for each modeling.
3. In addition, 4-H'ers taking Shopping in Style may model once.

K900-924 **Clover Kid Fashion Show**

BEYOND THE NEEDLE

- 4-H'er must show their own creativity
C410-901 (8-9 years) **Junior**
*C410-902 (10-12 years) **Intermediate**
*C410-912 (13 & older) **Senior**

STEAM 1

- C410-904 (8-9 years) **Junior**
C410-905 (10-12 years) **Intermediate**
C410-918 (13 & older) **Senior**

STEAM 2

- C410-906 (8-9 years) **Junior Model**
*C410-907 (10-12 years) **Intermediate**
*C410-919 (13 & older) **Senior**

STEAM 3

- *C410-908 (10-12years) **Intermediate**
*C410-920 (13 & older) **Senior Model**

KNITTING & CROCHETING

- C410-911 (8 and older) **Knitting/Crochet** – Model a garment or an accessory such as a hat, scarf, purse, etc.

QUILT QUEST

C410-921 **Model Item made in Quilt Quest**

SHOPPING IN STYLE

1. Participant must be enrolled in the Shopping in Style 4-H project to enter.
2. Participants will be allowed to model in both the constructed garment(s) 4-H Fashion Show and the Shopping in Style 4-H Fashion Show.
3. Entry must be a complete wearable outfit - all pieces of the garment must be purchased. No notebook only entries in this class.
4. All additional information must be completed and entered at the Extension office by the preregistration deadline.
5. A separate narration/information form must be completed.

C410-915 (8 & 9 years). **Model Shopping in Style Purchased Outfit**
*C410-916 (9 and over). **Model Shopping in Style Purchased Outfit**

MY FINANCIAL FUTURE

Entries should be typed and then attached to a piece of colored card stock or colored poster board (limit the size of the poster board or card stock to 14" x 22" or smaller). You may use the front and back of the poster board.

- *C247-001 **SMART Financial Goals** – Set 3 SMART financial goals for yourself (one short term, one intermediate, and one long term.) Explain how you intend to reach each goal you set.
- *C247-002 **Income Inventory**—Using page 13 as a guideline, list sources and amounts of income you earn/receive over a six-month period. Answer the following questions: What were your income sources? Were there any steady income sources? What did you do with the income you received? Include your income inventory in the exhibit.
- *C247-003 **Tracking Expenses**—Use an app or chart like the one on page 17 to track your spending over 2 months. Answer the following questions: What did you spend most of your money on? What did you learn about your spending habits? Will you make any changes in your spending based upon what you learned? Why or why not? Include your chart in your exhibit.
- *C247-004 **Money Personality Profile**—Complete the money personality profile found on pages 21-22. Answer the following questions: What is your money personality? How does your money personality affect the way you spend/save money? Have a friend or family member complete the money personality profile. Compare and contrast (how are you alike how are you different) your money personality profile with theirs.
- *C247-005 **“What Does It Really Cost?”** Complete activity 8 on pages 39-40.
- *C247-006 **My Work; My Future** – Interview three adults in your life about their careers or jobs using the questions on page 51 and record these answers. In addition, answer the following questions on your display. What did you find most interesting about these jobs? Were there any positions you might want to pursue as your career? Why/Why not? What careers interest you at this point in your life? What are three steps you need to do now to prepare for this career?
- *C247-007 **Interview – Methods of Payment.** Interview someone who is paid a salary; someone who is paid a commission; and someone who is paid an hourly wage. Have them answer the following questions plus any additional questions you may have. *What are some benefits of receiving your pay the way you do (salary, commission, or hourly wage)? *What are some negative outcomes for getting paid the way you do?

*Does your pay keep pace with inflation? Why do you think this? Summarize: Based upon your interviews which payment method would suit you the best? Discuss your answer.

- *C247-008 **The Cost of Not Banking**---Type your answers to the questions about Elliot on page 50.
- *C247-009 **Evaluating Investment Alternatives**— complete the case study of Jorge on page 64. Answer all three questions found at the bottom of the page.
- *C247-010 **Understanding Credit Scores**—Watch the video and read the resource listed on page 71. Answer the following questions.
*Name 3 prudent actions that can reduce a credit card balance. *What are the main factors that drive the cost of credit? *List one personal financial goal that you could use credit or collateral to purchase. Discuss possible consequences that might happen with improper use of credit for your purchase.
- *C247-011 **You Be the Teacher** – Create an activity, story board, game or display that would teach another youth about “Key Terms” listed on page 62. Activity/display must include at least five (5) of the terms.

HOME ENVIRONMENT

1. Items must be designed to be used for home decorating, home furnishing or home management (no clothing, purses, note cards, scrapbooks/photo albums, etc.)
2. Accessories should be of high quality (as compared to quick, simple crafts) suitable for use in the home several months throughout the year. (Holiday specific items are discouraged) Exhibits made from kits are also discouraged as kits limit decision making in the design process.
3. Items should show creativity and originality, along with the application of design elements and principles. (Ask yourself: How have I shown creativity and applied the design principles and elements in this accessory?) Youth are required to include the design elements and principles they used along with simple explanation of how they designed their project with their exhibit. Information on the elements and principles of design may be found in the Design Decisions manual, as well as Portfolio Pathways and Sketchbook Crossroads.
4. Entered in correct class. What medium was changed or manipulated? What medium is most of your exhibit made from?
5. Items should be ready for display in the home (pictures framed, wall hangings and pictures ready to hang, etc.) No single mat board or artist canvas panels allowed. Wrapped canvas (if staples not visible on edge) is accepted without framing. MAKE SURE HANGERS ARE

STRONG ENOUGH TO SUPPORT THE ITEM!
Command strips are not adequate hangers.
Items not ready for display will be dropped one ribbon placing.

6. In addition to the entry tag, a label with the exhibitor's name and county should be attached to EACH separate piece of the exhibit.
7. SUPPORTING INFORMATION is required for all Home Environment exhibits. Information must include the elements and principles of design used and steps taken to complete project. Tag templates can be found on 4-H State Fair website:
<http://4h.unl.edu/nebraskastatefairfairbook#tab3>. Exhibits without supporting information will be dropped a ribbon placing.
8. Exhibits may be no taller than 7 feet and no wider than 6 feet. All exhibits must be able to be easily lifted by two 4-H staff.
9. An entry tag which includes a clear description of the entry must be securely attached to each Home Environment exhibit. Use color, pattern, or picture description to aid in identification. No straight pins.
10. Project prizes will be awarded at the judge's discretion.

HEIRLOOM TREASURES / FAMILY KEEPSAKES

1. This project area is for items with historic, sentimental, or antique value that are restored, repurposed, or refinished to keep their original look and value. It is not for "recycled" items. For example, a bench would be considered an heirloom if the original finish is restored, but if decorated by painting it would be considered recycled.
2. Entering highly valuable items (especially small ones) is discouraged, as exhibits are not displayed in closed cases.
3. NOTE: Resources to support this project area are available on the 4-H website.
4. Attach information including:
 - List of steps taken to complete your project. Before and after pictures are encouraged.
 - Keepsakes documentation: how you acquired the item and the history of the item - may be written, pictures, audio, or video tape of interview with family member, etc.

*C256-001 **Trunks** - including doll-sized trunks or wardrobes.

*C256-002 **An Article** - either a repurposed "treasure" (accessory) from an old item or an old "treasure" (accessory) refinished or renovated. May include a display of a collection or collectibles, being careful not to destroy value of the collection.

*C256-003 **Furniture** - either a repurposed "treasure" from an old item or an old "treasure" refinished or renovated. May include doll sized furniture.

*C256-004 **Cleaned and Restored Heirloom or Accessory or Furniture** - A reconditioned and cleaned old piece of furniture or old accessory that is functional for use or display. Item might be cleaned and waxed, and simple repairs made. Item would not have to be refinished or repaired but reconditioned to restore it to its original look or to prevent it from further damage as a valuable heirloom. Consult extension publication "Care and Conservation of Heirloom Textiles, for information on textiles. This publication can be found in the Digital Commons at: <https://go.unl.edu/gcnh> (Refinished items go in classes 2 - 3). This class is for situations where it may be best to do very little to the item to maintain its antique value. Item or article should be of complexity suited to an advanced project.

DESIGN DECISIONS

Attach information to explain steps taken. Information must also include element or principle of design used.

*C257-001 **Design Board for a Room**. Include: color scheme, wall treatment, floor treatment, etc. OR floor plan for a room, Posters, 22" x 28", or multimedia presentation (on CD). Show what you learned with before and after pictures or diagrams, samples, story, cost comparisons, optional arrangements, etc.

*C257-002 **Problem Solved, Energy Savers OR Career Exploration** – Identify a problem (such as problem windows, storage needs, inconvenient room arrangement, cost comparison, energy conservation, waste management, etc.) OR explore a career related to home environment, (what would it be, what education is needed, what would you do, etc.) Using poster, notebook, multimedia presentation (on CD) or other method, describe the problem and how it was solved OR your career exploration.

*C257-003 **Solar, Wind, or other Energy Alternatives for the Home** – Can be models, either an original creation or an adaptation of a kit. If kit, label and explain what was learned and how the item could be used in or on exterior of home.

*C257-004 **Technology in Design** Incorporate technology into a project related to home environment: for example, using conductive thread to create a circuit that enhances a wall hanging.

*C257-006 **Window Covering** – May include curtains, draperies, shades, shutters, etc.

*C257-007 **Floor Covering** – May be woven, braided, painted floor cloth, etc.

*C257-008 **Bedcover** – May include quilt, comforter, bedspread, dust ruffle, canopy, etc. For quilts, state who did the quilting. (No fleece tied exhibits. (Tied quilts must be entered under Quilt Quest Department)

- *C257-009 **Accessory – Original Needlework/Stitchery** made by 4-H member.
 - *C257-010 **Accessory – Textile – 2D** (tablecloth or runner, dresser scarf, wall hanging, etc. No fleece tied exhibits or beginning/10-minute table runners.
 - *C257-011 **Accessory – Textile – 3D** (pillows, pillow shams, fabric bowls, etc. No fleece tied exhibits.
 - *C257-012 **Accessory – 2D**
 - *C257-013 **Accessory – 3D** (string art, wreaths, etc.)
 - *C257-014 **Accessory – Original Floral Design.**
- For the following classes, determine entry by what most of the accessory is made from and what medium was manipulated:**
- *C257-015 **Accessory – Original made from Wood** – burn, cut, shape, or otherwise manipulate
 - *C257-016 **Accessory – Original made from Glass.** - etch, mosaic, stain, molten or otherwise manipulate.
 - *C257-017 **Accessory – Original made from Metal.** - cut, shape, punch, sculpt, reassemble, or otherwise manipulate.
 - *C257-018 **Accessory – Original made from Ceramic or Tile.** – Treatment to exhibit must go through process that permanently alters the medium. Painting alone is not sufficient.
 - *C257-019 **Accessory for The Home – Recycled/Upcycled Item.** Reusing a common object or material in a creative way. Include description of what was done to recycle or reuse item in your attached information.
 - *C257-020 **Furniture – Recycled/Remade,** made, or finished by using a common object or material in a creative way. Include description of what was done to recycle or reuse item in your attached information.
 - *C257-021 **Furniture – Wood Opaque** finish such as paint or enamel.
 - *C257-022 **Furniture – Wood Clear finish** showing wood grain.
 - *C257-023 **Furniture – Fabric Covered** – May include stool, chair seat, slipcovers, headboard, etc.
 - *C257-024 **Furniture – Outdoor Living** – Furniture made/refurbished suitable for outdoor use. Include description of what was done to recycle or reuse item in your attached information.
 - *C257-025 **Accessory – Outdoor Living Accessory** made/refurbished by 4-H member suitable for outdoor use. Include description of what was done to recycle or reuse item in your attached information.

C257-901 **Other exhibit made for the home.**

DESIGN MY PLACE

- C258-901 **Needlework accessory** (made with yarn or floss)
- C258-902 **Simple Fabric Accessory** (pillow, laundry bag, pillowcase, table runner, etc.)

C258-903 **Accessory made with original batik or tie dye**

- C258-904 **Simple Accessory made using wood.**
- C258-905 **Simple Accessory made using plastic.**
- C258-906 **Simple Accessory made using glass.**
- C258-907 **Simple Accessory made using clay.**
- C258-908 **Simple Accessory made using paper.**
- C258-909 **Simple Accessory made using metal tooling or metal punch.**
- C258-910 **Storage Item** made or recycled
- C258-911 **Bulletin or Message Board**
- C258-912 **Problem Solved:** Use creative method to show how you solved a problem. (Air quality, water, sound, temperature, lighting, fire escape plan, etc.
- C258-913 **Video** showing how to make a bed or organize a room, or the steps you used to make your simple accessory.
- C258-914 **Other Exhibit Made for the Home.**

VISUAL ARTS

1. Original Work - Items must be the original work of the 4-H member and should show creativity and originality. No copyrighted images or master studies.
2. Framed and Ready to Display – All 2-dimensional pieces must be ready to hang using a sawtooth or wire hanger. Stretched canvases do not need frames as long as staples are not visible on the edges. All other 2-dimensional pieces must be framed.
3. No more than one exhibit per class per exhibitor.
4. Entry Descriptions: Entry tags should include a visual description of the exhibit, including size, dominant color, and subject to aid in identification.
5. Supporting Information: Supporting information is required for all Visual Arts exhibits. Information must include responses to at all questions and steps taken to complete the project. Supporting Information must be securely attached to the back of the piece. Supporting Information tag templates can be found at <https://go.unl.edu/ne4hvisualarts>. Exhibits without supporting information will be dropped a ribbon placing.
6. Project prizes will be awarded at the judge's discretion.

SKETCHBOOK CROSSROADS

1. Use techniques from manual or comparable techniques.
2. Supporting information is required for all Visual Arts exhibits. Information must include responses to at least two reflection questions and steps taken to complete the project. Supporting Information tag templates can be found at <https://go.unl.edu/ne4hvisualarts>. Exhibits

without supporting information will be dropped a ribbon placing

- *C260-001 **Original pencil or chalk drawing** ready to hang. Scratch art accepted here. (p10 - 21)
- *C260-002 **Original ink drawing** ready to hang. (p 22 - 28)
- *C260-003 **Home accessory made with fiber** (p.29)
- *C260-004 **Home accessory made with felted wool** (p 29 - 33)
- *C260-005 **Home accessory made with cotton linter** (p 34 - 36).
- *C260-006 **Home accessory using batik** (p 37 - 39)
- *C260-007 **Home accessory made by weaving** (p 40 - 47)
- *C260-008 **Home accessory** made with fabric exhibitor has dyed (p48 - 50)
- *C260-009 **Original sculpted or thrown home accessory made with clay** (no purchased items) (p 53 - 62)
- *C260-010 **Nebraska Life Exhibit.** An art exhibit using one of the techniques in the above classes to show how art can define a sense of place or life in Nebraska. For example – a pencil or ink drawing depicting life in Nebraska, using natural resources such as native grasses to make a weaving, using natural fibers for felting, or using roots, nuts, plants, or flowers to dye fabric. Include the required information listed above and how this project represents Nebraska life.

C260-901 **Other exhibit made for the home**

PORTFOLIO PATHWAYS

1. Use techniques from manual or comparable techniques.
 2. Supporting information is required for all Visual Arts exhibits. Information must include responses to at least two reflection questions and steps taken to complete the project. Supporting Information tag templates can be found at <https://go.unl.edu/ne4hvisualarts>. Exhibits without supporting information will be dropped a ribbon placing
- *C261-001 **Original acrylic painting** based on techniques learned in Unit 1-Portfolio Pathways, framed and ready to hang. (p.12-13)
 - *C261-002 **Original oil painting** based on techniques learned in Unit 1-Portfolio Pathways, framed and ready to hang. (p. 26-33)
 - *C261-003 **Original watercolor** based on techniques learned in Unit 1-Portfolio Pathways, framed and ready to hang. (p. 14-17)
 - *C261-004 **Original sand painting** based on techniques learned in Unit 1-Portfolio Pathways, framed and ready to hang. (p. 20-21)
 - *C261-005 **Original encaustic painting** based on techniques learned in Unit 1-Portfolio Pathways, framed and ready to hang. (p. 34-35)
 - *C261-006 **Home accessory** made with any printing technique in Pathways Unit II. (p. 36-56)

- *C261-007 **Original mixed media accessory-** An art exhibit using a combination of two or more different media or materials. One media must be included in another Portfolio Pathways class. (Ex. watercolor and graphite)
 - *C261-008 **Nebraska Life Exhibit.** An art exhibit using one of the techniques in the above classes to show how art can define a sense of place or life in Nebraska. For example - solar printing; making prints using shed snakeskin or plant; an acrylic, oil; watercolor painting of scenes of your community or the surrounding area; or using objects from nature to make the painting. Include the required information listed above and how this project represents Nebraska life.
- C261-901 **Other exhibit made for the home**

HERITAGE

1. The purpose of the 4-H Heritage project is to acquire knowledge, develop a connection to the past and share the story of a 4-H member's heritage and history around them. An exhibit may include items, pictures, maps, charts, recordings, drawings, illustrations, writings or displays that depict the heritage of the member's family or community or 4-H history.
2. **Please note: Exhibits are entered at 4-H's own risk. We will not be responsible for loss or damage to family heirloom items or any items in this division.**
3. Displays should NOT be larger than 22" x 28" wide. If the size needs to be a different size because the historical item is larger than 22" x 28" please contact the superintendents for approval. Display collections securely in an attractive container no larger than 22" x 28"
4. Exhibits must include NAME, COUNTY, AGE and PAST EXPERIENCE (years in Explore Your Heritage project) on back of exhibit.
5. All entries must have documentation included.

HERITAGE LEVEL 1 (1-4 Years in project)

- *A101-001 **Heritage Poster or Flat Exhibit.** Entries may be pictures, posters, items that depict family heritage. Exhibits must be supported by a written explanation.
- *A101-002 **Family Genealogy/History Notebook -** Include pedigree charts/family group sheets, with documentation for two-three generations of one family line, expanding each year. If multiple books included in exhibit, only bring book with most current year's work.
- *A101-003 **Local History Scrapbook/Notebook -** Scrapbook or notebook that depicts history of local community or Nebraska that helps youth appreciate their heritage.
- *A101-004 **Framed Family Photos** Groupings or individuals showing family history. Pictures must be supported by a written explanation.

- *A101-005 **Other Family Exhibits** Depicting heritage of member's family or community. Exhibit must be supported by a written explanation. May include biographical album of themselves or another family member, family cookbooks, etc.
- *A101-006 **4-H History Scrapbook** – A scrapbook relating 4-H history of local club or county. Must be work of individual 4-H'er – no club project. If multiple books included in exhibit, only bring book with most current year's work.
- *A101-007 **4-H History Poster** – Poster relating 4-H history of local club or county or individual.
- *A101-008 **Story or Illustration about a Historical Event.**
- *A101-009 **Book Review** about local, Nebraska, or regional history.
- *A101-010 **Other Historical Exhibits** – Attach an explanation of historical importance.
- *A101-011 **Family Traditions Book** - Exhibitor scrapbook depicting family traditions of the past.
- *A101-012 **Family Traditions Exhibit** – Story or illustration of a family tradition or event. Exhibits must be supported by a written explanation.
- *A101-013 **4-H Club/County Scrapbook** - Scrapbook relating 4-H history of local club or county compiled by club historian. If multiple books included in exhibit, only bring book with most current year's work.
- *A101-014 **4-H Member Scrapbook** - Scrapbook relating to individual 4-H members' 4-H history. If multiple books included in exhibit, only bring book with most current year's work.
- *A101-015 **Special Events Scrapbook** – A scrapbook relating to a 4-H special event, such as Congress or CWF or a personal or family special event, such as a trip, family reunion, etc.

HERITAGE LEVEL 2 over 4 years in project

- *A102-001 **Heritage Poster or Flat Exhibit.** Entries may be pictures, posters, items, etc. that depict family heritage. Exhibits must be supported by a written explanation.
- *A102-002 **Family Genealogy/History Notebook** - Include pedigree charts/family group sheets, with documentation beyond two-three generations of one family line, expanding each year. If multiple books included in exhibit, only bring book with most current year's work.
- *A102-003 **Local History Scrapbook/Notebook** - Scrapbook or notebook that depicts history of local community or Nebraska that helps youth appreciate their heritage.
- *A102-004 **Framed Family Photos** - Groupings or individuals showing family history. Pictures must be supported by a written explanation.
- *A102-005 **Other Family Exhibits Depicting** heritage of member's family or community. Exhibit must be supported by a written explanation. May include biographical album of themselves or another

family member, family member, family cookbooks, etc.

- *A102-006 **4-H History Scrapbook** – A scrapbook relating 4-H history of local club or county - must be work of individual 4-H'er – no club project. If multiple books included in exhibit, only bring book with most current year's work.
- *A102-007 **4-H History Poster** – Poster relating 4-H history of local club or county or individual.
- *A102-008 **Story or illustration about a historical event.**
- *A102-009 **Book review** about local, Nebraska or regional history.
- *A102-010 **Other historical exhibits** – Attach an explanation of historical importance.
- *A102-011 **Exhibit depicting the importance of a community or Nebraska historic landmark.**
- *A102-012 **Community Report** documenting something of historical significance from past to present.
- *A102-013 **Historic collection** (displayed securely and attractively in a container no larger than 22" x 28").
- *A102-014 **Video documentary** of a family or community event. Must be produced and edited by 4-H member. Must be entered as a DVD or USB.
- *A102-015 **4-H Club/County Scrapbook** - Scrapbook relating 4-H history of local club or county compiled by club historian. If multiple books included in exhibit, only bring book with most current year's work.
- *A102-016 **4-H Member Scrapbook** - Scrapbook relating to individual 4-H member's 4-H history. If multiple books included in exhibit, only bring book with most current year's work.
- *A102-017 **Special Events Scrapbook** - A scrapbook relating to a 4-H special event, such as Congress or CWF or a personal or family special event, such as a trip, family reunion, etc.

HUMAN DEVELOPMENT

1. The term Human Development includes childcare, family life, personal development, and character development.
2. To learn characteristics of suitable and unsuitable toys and for characteristics of children at various stages of development, please refer to the new 4-H online resource: <https://unl.box.com/s/eoigrjsuq67yvtq1def160m mjuhozvck>.
3. Exhibitors in the Human Development project will be asked to focus on designing toys/games/activities that meet the different needs of children. Categories are based on the Early Learning Guidelines in Nebraska which identify the important areas in which our children should grow and develop.
4. Use the Nebraska Department of Education website and resources around Early Learning Guidelines

to help understand the six areas and skills children need to develop to create your exhibit, in conjunction with your project manual.

<https://www.education.ne.gov/oec/early-learning-guidelines/>

Additional resources can be found at:

<http://go.unl.edu/ne4hhumandevlopment>

5. Information Sheets: Required for each exhibit in Classes 1 through 6 and Class 8.

6. Information sheets for Classes 1-6 should include:

- Where did I get the idea for this exhibit?
- What decisions did I make to be sure exhibit is safe for child to use?
- What age is this toy, game, or activity appropriate for and why? (Infant, birth-18 months; Toddlers, 18 months -3 years; Preschoolers, 3-5 years or Middle Childhood, 6-9 years)
- 4-H'ers must give at least 2 examples that help in understanding the appropriateness of this exhibit for the age of the child (see project manuals).
- How is the toy, game or activity intended to be used by the child?

7. Toy, game or activity made for a selected and identified age group. The intent is for the toy/game/activity to teach the child in the developmental area related to each class. For example, a game that is developed to help youth learn language and literacy skills would be an exhibit for Class 2. Each area is a different class.

*C200-001 **Social Emotional Development**

*C200-002 **Language and Literacy Development**

*C200-003 **Science**

*C200-004 **Health and Physical Development**

*C200-005 **Math**

*C200-006 **Creative Arts**

*C200-007 **Activity with a Younger Child** - Poster or scrapbook showing 4-H'er working with a child age 0 to 8 years. May show making something with the child, or childcare or child interactions. May include photos, captions, story, or essay. Size of exhibit is your choice. Other people may take photos so 4-H'er can be in the photos. 4-H'er must make the poster or scrapbook. No information sheet needed for Class 7.

*C200-008 **Babysitting Kit**. Purpose of kit is to take this with them when they babysit in someone else's home. Do not make kit for combination of ages or for your own family to use. 4-H'er should make one or more items in the kit, but purchased items are also allowed. A list of items in the kit is suggested to be included. Display in box or bag suitable for what it contains. Approximate size not larger than 12" x 15" x 10". All items in kit must be safe for child to handle. Information sheet for Class 8 (Babysitting Kit) should include:

- State which ONE age group (infant, toddler, preschooler, middle childhood) the kit was prepared for.
- What are children this age like? Give 2 examples to show how the kit would be appropriate for children this age.
- What will the child learn or what skills will they gain by using the kit?
- What item(s) were made by the 4-H'er. 4-H'er should make one or more items in the kit, but purchased items are also allowed. (It is highly suggested that an inventory list of items in the kit be included.)

*C200-009 **Family Involvement Entry**: Scrapbook, poster or story describing an activity the family did together. It might include making something such as a doll house or feed bunk. Items may be exhibited if desired. Other possibilities include a house or farm cleanup project, a family reunion, a celebration of a family milestone, a trip or vacation, moving, a community service project. Photographs are encouraged. Visuals should show family participation. Participation by all family members is important. Include a list of family members and what each person did to participate in the event.

*C200-010 **Growing with Others**: Scrapbook or poster. Examples - How to decide if it is time-you can be home alone and related activities. How responsibilities and privileges are related. Friendships. Working with others. Understanding rules and boundaries. A family tree. A family rules chart. A family meal plan with pictures of a special family meal. A home safety checklist. Being street smart (safety). A school scrapbook showing yourself and your school activities, memories, and special interests.

*C200-0011 **Growing in Communities** - Scrapbook or poster. (E.g. A career study). A photo story about your own growth and development, not only physically but emotionally, socially, spiritually, mentally. A television evaluation (see project manual). How you have overcome obstacles. Friendships. A community profile. A community service project. Working with parents. Teaching experiences. Understanding discipline. Playground safety check.

ENVIRONMENTAL EDUCATION & EARTH SCIENCE

FORESTRY

1. The official reference for all forestry projects is the Tree Identification Manual (4-H 332) which was recently revised and is available for purchase from UNL Marketplace. Other helpful forestry references include Trees of Nebraska (EC 92-1774-X), Leafing Out (4-H431) and Plant a Tree (EC 17-11-80).
2. Display "boards" must be made from wood or wood composite, i.e., plywood, fiberboard, or masonite, 1/4" to 1/2" thick and no larger than 24" x 24". Display boards may be coated, e.g., painted or varnished, on both sides to prevent warping.
3. Display "posters" must be made from a material, e.g., foam board or poster board, that will stand upright without buckling, and be no more than 24" x 24".
4. Display books must measure no more than 16" x 16".
5. At least 5 of the 10 samples in Class 2, 3, 4, and 5 must be from the list of 60 species described in 4-H 332. Samples must be from 10 different tree species e.g., Emerald Queen Maple and Crimson King Maple are both varieties of the same species (Norway Maple), and thus have the same genus and species name, i.e., *Acer platanoides*.
6. All samples must be from trees, NO shrubs.
7. If more than 10 samples are included in the display, only the first 10 samples from the current year will be judged.
8. Due to emerald ash borer infestation, no true ash species (Green Ash, White Ash, Black Ash, or Blue Ash) may be included in any collections. Inclusion of a true ash species will result of the project being disqualified.
9. Remember that other general labeling standards apply. For example, scientific names are always italicized or underlined. Also, the first letter of a Genus name is always capitalized. The first letter of a species name is always lower case. When required, always indicate complete scientific names (Genus and species) and common names, (e.g., Norway Maple) even when "variety names" are included. For example, the scientific name of Emerald Queen Maple is *Acer platanoides* and the common name is Norway maple. "Emerald Queen" may be included as the variety name, but variety names are not required.
10. How well the exhibitor follows written directions is an important factor in judging.

*D320-001 **Design Your Own Exhibit** Prepare an educational exhibit about some aspect of trees, forests or forestry that is of special interest to you. Possible topics include paper recycling, wildfire, forest products, forest wildlife or forest

pests. The only requirement is that the display must be no larger than 24" x 24". Photographs, drawings, samples, charts, posters, etc. can be used but include enough information to adequately explain the topic. Your display should be substantially different from other display classes. Be as creative as you like.

*D320-002 **Leaf Display** – The leaf display must include samples of "complete leaves" from at least 10 different tree species. The display must include at least two samples of simple leaves, compound leaves, and conifer leaves. Leaves should be pressed, dried and mounted.

Collection: Whenever possible, collect leaves from mature trees. Collect leaves any time after they have reached full size, usually beginning in early summer. Leaf samples should be in good condition and representative of the average leaves on the tree. Keep in mind that shaded leaves are often much larger than normal. Carefully remove leaves from the twig with the entire petiole or rachis intact. After collection, fresh leaf samples can be temporarily stored with in the pages of an old magazine, but they should be properly pressed and dried for display. Be sure to record pertinent information during collection. All collection must be done by the exhibitor.

Mounting: Leaves may be displayed in a notebook or on a display board. Any method may be used to mount leaves, (e.g., wire, glue, tape, staples, plastic bags, but be sure all their features can be clearly identified.

Labeling: The label for each sample must include:

- common name
- scientific name
- leaf type
- leaf arrangement (for broadleaf trees)
- leaf composition (for broadleaf trees)
- collector's name
- collection date
- collection location (be specific – state and county at a minimum)

Supplemental information, e.g., general uses, common products, fall color, etc., may be included with the display to enhance its educational value.

*D320-003 **Twig Display** the twig display must include twig samples from at least 10 different tree species. The display must include at least two samples of opposite and alternate leaf arrangements from broadleaf trees.

Collection: Twig samples should be collected during the dormant season (November – April) when the buds are mature. Twig samples must be at least 6 inches long and exhibit buds. Leaves must be removed, and side branches must be trimmed to less than 1 inch in length. All collection must be done by the exhibitor.

Mounting: Twigs must be mounted on a display board. Any method, e.g., wire, glue, tape, staples, plastic bags, may be used to mount twigs, but be sure all features can be clearly identified. The non-terminal end must be cut at a slant so the pith can be seen.

Labeling: The label for each sample must include:

- common name
- scientific name
- leaf arrangement (for broadleaf trees)
- collector's name
- collection date
- collection location (be specific, state and county at a minimum)

Supplemental information, e.g., general uses, tree characteristics, etc., may be included to enhance educational value.

*D320-004 **Seed Display** – The seed display must include seed samples from at least 10 different tree species.

Collection: Tree seeds should be collected at the time of year when they mature, which varies widely depending upon tree species. For example, Silver Maple seeds mature in May while red oak acorns do not mature until September. Seed samples should be free of insect or disease symptoms. Remember to display seeds, not fruit. For example, the seed of honey locust is enclosed in a pod. Remove and display the seed not just the pod. It is acceptable to display the fruit with the seed, but clearly label each. All collection must be done by the exhibitor.

Mounting: Seeds may be displayed in a variety of ways, e.g., mounted on a display board, displayed in jars in a rack, etc., but they must be securely mounted and easily viewed. Be as creative as you like.

Labeling: The labels for each sample must include:

- common name
- scientific name
- type of fruit, if known (e.g., samara, pod, nut, legume, etc.)
- collector's name
- collection date
- collection location (be specific, including county and other relevant information)

Supplemental information, e.g., maturity date, average number of seed in the fruit, etc., may be included to enhance educational value.

*D320-005 **Wood Display** – The wood display must include wood samples from at least 10 different tree species.

Preparation: Samples may be of any shape, e.g., sections from a board, wood cylinders turned on a lathe, horizontal or vertical cross sections of a small log with bark attached, etc. but all samples should be the same shape, e.g., all wood cylinders or all sections of a board. Each

sample can be no larger than 4 inches by 4 inches by 4 inches. Cut surfaces should be sanded to show the grain. Treating samples with a clear finish (no stain) is optional. All collection must be done by the exhibitor.

Mounting: Samples may be displayed in a variety of ways, e.g., mounted on a display board, displayed in a box or rack, etc., but they must be securely mounted and easily viewed. Be as creative as you like.

Labeling: The label for each sample must include:

- common name
- scientific name
- wood type (softwood or hardwood)
- collector's name
- collection date
- collection location (be specific, state and county at a minimum)

Supplemental information, e.g., common products, wood density, etc., may be included to enhance educational value.

*D320-006 **Cross Section** - Display a disc cut from a tree species listed in 4H332. The sample must be collected by the exhibitor within one year of the state fair judging day. The disc must measure 6" to 12" in diameter and 1" to 3" thick. The bark should be firmly attached, which may be difficult if the tree was dead when the disc was cut. Sand at least one side of the disc so the grain can be easily seen. If the disc is treated with a clear finish, both sides must be treated to minimize warping. As the disc dries, some cracking or checking can be expected and is allowed.

Labeling: The following parts must be clearly and accurately labeled on the cross section with pins, paper tags or some other form of identification:

- pith
- heartwood
- sapwood
- one growth ring (beginning and end)
- cambium
- bark

A separate label attached to the back of the disc must include:

- common name
- scientific name
- tree classification (softwood or hardwood)
- age (of the cross section)
- collector's name
- collection date
- collection location (be specific, state and county at a minimum)

*D320-007 **Parts of a Tree** - This project is only for ages 8 - 11. Prepare a poster no larger than 24 inches x 24 inches that clearly identifies the main external parts of any tree:

- Trunk

- Crown
- Roots
- Leaves
- Flowers
- Fruit
- Buds
- Bark

Identifying other internal parts, e.g., phloem, xylem, cambium, annual ring, pith, etc., is optional.

Attach a separate label on the back of the poster that includes the exhibitor's name and age.

*D320-008 **Living Tree** - Display a living tree seedling grown by the exhibitor from seed in the display container. The seed must be from a species listed in 4H 332. The seedling must be 60 days to 1 year old (on State Fair judging day). The display container must contain at least 8 inches of soil (potting mix or suitable natural soil), have drainage holes, and a drain pan to catch drainage water.

Labeling: A waterproof label must be attached and include:

- common name
- scientific name
- seed treatments (if any)
- planting date
- emergence date
- exhibitor's name

Supplemental information about the tree, e.g., where the seed was collected, growth measurements, uses for that species, etc., may be included in an attached notebook, poster, etc. to enhance educational value. Supplemental information will be an important factor in judging.

*D320-009 - **Forest Product Display** - Prepare a visual display and/or collection tracing the origin of one non-lumber product that comes from trees and/or forests. The display must be no larger than 24" X 22" X 28". Photographs, drawings, samples, charts, posters, etc. can be used. Posters submitted may be no larger than 22" x 28" and may be either vertical or horizontal. The contestant must identify what species of tree the product is derived from and where the product is harvested, grown, or otherwise collected. The product listed must be partially or fully derived from trees; if partial the approximate percentage should be articulated in the display.

The goal of this exhibit is for students to learn that many products come from trees and forests and to explore one of these products through in-depth study.

Information about the tree or forest product: e.g. information about harvesting, processing, industry information, and environmental or other benefits may be included to enhance educational value. Supplemental information will be an important factor in judging but should not

exceed three printed pages of text. Cite sources of information.

Personal interviews with industry professionals are encouraged as a source of information.

*D320-010 - **Forest Health Display** - Prepare a visual display outlining a specific forest health issue such as a tree disease, insect pest, animal- or human-caused damage, or an abiotic issue such as weather damage. The display must be no larger than 24" X 24" X 24". Original photographs, drawings, samples, charts, posters, etc. can be used. Actual specimens are strongly encouraged but must be properly preserved, i.e. insects pinned or placed in vials of alcohol, leaves pressed and dried. Posters submitted may be no larger than 24" x 24".

Explain through the display what species of trees the health issue affects, diagnostic features of the issue (symptoms in trees, identifying features of the pest, etc.), and management options.

Include common and scientific names of trees and pests.

Supplemental information about the tree or forest health issue: e.g. origin, proliferation in Nebraska/United States, and physiological effects on the tree may be included to enhance educational value. Supplemental information will be an important factor in judging but should not exceed three printed pages of text. Cite sources of information.

Attach a separate label on the back of the display that includes the exhibitor's name and age.

*D320-011 - **Wildfire Prevention Poster** - Prepare a poster, no larger than 24" x 24" that promotes wildfire prevention strategies. Strategies articulated in the poster can include personal and/or land management actions. Attach a separate label on the back of the poster that includes the exhibitor's name and age.

Supplemental information about wildfire prevention should be attached to the poster: e.g. frequency of wildfires in Nebraska/United States, financial costs of wildfires, environmental factors that contribute to wildfires, etc. to enhance educational value. Supplemental information will be an important factor in judging but should not exceed three printed pages of text. Cite sources of information

*D320-012 - **Sustainable Landscape Diorama** - Box must be no larger than 24" x 24". The exhibit must show a Nebraska landscape that includes elements such as windbreaks, fields, pastureland, CRP, public lands, community/municipal landscapes. The goal of this exhibit is for students to articulate conservation and sustainability best-practices that can be implemented on a landscape, while addressing landowner and other stakeholder interests.

Label point/nonpoint sources of pollution, carbon sequestration, water-wise practices, wildfire prevention strategies, renewable energy sources, and other conservation practices as well as at least 10 species of plants included in the diorama.

Attach to the exhibit a brief report including supplemental information describing the diorama, defining conservation practices, and outlining opportunities for landscape improvements to enhance educational value. Supplemental information will be an important factor in judging but should not exceed three printed pages of text. Cite sources of information.

*D320-013 – **Tree Planting Project Display** – Plant a tree in your community. Prepare a visual display where the student articulates proper tree planting techniques, why the individual tree species was chosen, as well as steps taken to continue care for the tree after initial planting. The display must be no larger than 24” by 24” by 24”. Photographs, drawings, samples, charts, posters, etc. can be used. Posters submitted may be no larger than 24” x 24”. The tree must have been planted 60 days to 1 year before fair judging day. Students must obtain permission from necessary authorities and property owners before planting any trees.

Labeling: the following information about the tree must be included in the display:

- common name
- scientific name
- planting location
- planting date
- tree source
- planter’s name
- proper tree planting steps
- tree care (after planting)

Supplemental information about the tree: e.g. why the species was chosen, growth measurements, uses for that species, etc., may be included in an attached notebook, poster, etc. to enhance educational value. Supplemental information will be an important factor in judging but should not exceed three printed pages of text. Cite sources of information.

CONSERVATION & WILDLIFE

1. All exhibitors must show evidence of their personal field experiences, study, or observations that relate to their exhibit. This helps judges understand what the 4-H’er did and learned in the process that led to the exhibit.
2. Show proper credit by listing the sources of plans or other supporting information used in exhibits.

Example to attach to your exhibit

Name: Chris Clover
County: Clover County
Age: 10

Field Experience, Study, or Observations:

I attended a 4-H workshop where we put out a food plot, and then made turkey calls. We played a game about attracting turkeys. Sometimes we acted like a female to draw in a tom turkey. Sometimes we acted like a lost baby turkey to call in a whole flock. I was able to use my turkey call and play the game successfully. While I never turkey hunted in person, I went on-line to research more turkey calls. I hope to turkey hunt someday, and I want to use a box call to hunt fall turkeys.

Credits/Source:
 Information was obtained from Nebraska Game & Parks website

3. The exhibitor's name, county, age must be on the back or bottom of all displays.
4. “Animal” or “wildlife” in the following classes includes wild fish, amphibians, reptiles, birds, or mammals. Follow all wildlife laws.
5. **BOARD AND POSTER EXHIBITS** - Mount all board exhibits on 1/4" plywood, masonite, or similar panel no larger than 24" high by 24" wide. Poster exhibits should be on regular poster sheets, no larger than standard size (22 by 28 inches) but half size, 22 x 14 inches, is recommended.
6. **SCORING** - Sample score sheets are available at the county extension office and on the UNL 4-H web page (<http://4h.unl.edu>). Scoresheets, forms, contest study materials, and additional resources can be found at <https://go.unl.edu/ne4hconservation-wildlife-shooting>.

WILDLIFE AND HOW THEY LIVE

D340-900 **Ropes Board:** Any board no larger than 24” x 24” showing at least 4 different knots. Knots must be securely attached to the board and identified correctly.

D340-901 **Rope Exhibit:** An item made using at least one type of knot. Example: Rope halter for a steer or horse. Exhibit should include a written explanation of how the item will be used and the name of the knot.

Classes 1 - 4 are board or poster exhibits. Display may show any aspect of wildlife, wildlife habitat, or related conservation Examples: life history or other facts about one type of wildlife; how to manage wildlife on a farm or in town; managing habitat for one kind of wildlife; life requirements for one kind of wildlife during one season or through the year; wildlife behavior habitats.

*D340-001 **Mammal Display**

*D340-002 **Bird Display**

*D340-003 **Fish Display**

*D340-004 **Reptile or Amphibian Display**

*D340-005 **Wildlife Connections.** Board or poster exhibit. The purpose of this display is to show interconnections and related aspects among animals, plants, and other habitat components. All displays should show two or more interactions (connections) that occur between/among animals or between animals

and their habitat. Displays might show how animals interact with other animals, with people, or with their habitat. Examples:

- Food chain display. Use pictures, drawings, or other items to illustrate the source of food energy and where it goes--who eats whom or what. Use arrows to show the direction of the energy (food) flow.
- Show the role of predators, scavengers, insect eaters, or others in nature.
- Show how wildlife numbers (populations) change through the year.
- Show predation, competition, or other behavioral interactions of wildlife.
- Choose one kind of wildlife and make observations through a season or year, keep notes of interactions, then make a display of what you saw.

*D340-006 **Wildlife Tracks** - Board or diorama-type box exhibit. Make a display of animal tracks using plaster-of-paris casts. There are three options. All options include a brief description of your experiences in making the tracks, so the judges better understand what you did and learned. Positive casts (impressions as they would be in nature) are preferred but not required.

- Option one should show plaster-of-paris tracks of five or more kinds of wildlife along with a picture or illustration of each kind of animal. OR
- Option 2 should show two or more plaster-of-paris tracks of one specific kind of wildlife and should include a picture or illustration of the animal, what the animal may eat, and what may eat the animal. (OR)
- Option 3 should show two tracks and include the animal's habitat needs including preferred food, shelter, water, and space in addition to picture or illustration of the animal.

*D340-007 **Wildlife Knowledge Check**- Use electrical circuits, pictures, or other methods of teaching wildlife identification or other wildlife, conservation or shooting sports related knowledge. Plan size and shape to fit transportation and display; maximum size 24 x 24 inches.

*D340-008 **Wildlife Diorama** - Exhibit must be no larger than 24" x 24". The exhibit might show a grassland, prairie, agricultural, woodland, riparian (stream or river corridor), wetland, and/or other area with wildlife habitat. Example: show an area interspersed with several habitats such as windbreaks, farm fields, woods, waste areas, ditches, and pastures for edge adapted species such as white-tailed deer, Northern bobwhite, mourning doves, cottontail rabbits, fox, squirrels, Northern cardinals, or blue jays.

Label the habitats displayed and show at least five kinds of wildlife in their proper habitats.

*D340-009 **Wildlife Essay**. Learn how to share educational information by writing. Choose a conservation or wildlife topic that interests you and write an essay about it. For example, write about a particular species of wildlife that you have observed or about the values of wildlife. You might write about wildlife on a farm, in town, in a backyard, at a backyard feeder, or at other places. You might write about ethics, proper behavior in the outdoors, hunting, or fishing. The essay is between 100 and 1000 words long and typed double spaced on 8 ½ x 11 paper. You might use books, magazines, or personal interviews as resources, but you must give credit to all sources by listing them.

*D340-010 **Wildlife Values Scrapbook** Make a scrapbook about the various values of wildlife. This would include aesthetic, scientific, commercial, game, genetic, and/or ecological. One resource would be the Wildlife Conservation project booklet.

*D340-011 **Wildlife Arts** – The purpose of this class is to allow artistic exhibits that contain educational information about conservation and wildlife. Examples might include paintings, photographs, wood carvings, painted duck decoys, or songs or poems written by the exhibitor. Entries must be appropriate for fair display and no larger than 24" x 24". For example, paintings or photographs should be displayed in notebook format or mounted on a sturdy display panel. All entries must include a title and brief explanation of the purpose or message (what is the exhibit meant to show).

WILDLIFE HABITAT

*D342-001 **Houses** - Make a house for wildlife. Examples: bird house (bluebird, purple martin, wood duck, kestrel, barn owl, etc.) or bat house; no insect houses. Make the house functional so that dimensions, hole size, etc. are appropriate to fit the intended species' needs. Include the following information:

- the kinds of animal(s) for which the house is intended.
- where and how the house should be located for best use
- any seasonal maintenance needed.
- Any evidence of your personal observations or experiences.

*D342-002 **Feeders/Waterers** - Make a bird bath or feeder. Examples: seed, suet, or nectar feeders. Squirrel feeder okay; no insect feeders. Include the following information:

- The kinds of animal(s) for which the water/feeder is intended
- Where the water/feeder should be located for best use

- Any seasonal maintenance needed
- Any evidence of your personal observations or experiences

*D342-003 **Wildlife Habitat Design Board or Poster Exhibit.** Choose a backyard, acreage, or farm, and design a habitat plan to meet the food, water, shelter, and space needs of at least three kinds of animals you would like to attract. Draw an outline of the area and show what plants or another habitat will be provided. Indicate how the various parts of your plan provide the desired habitat needs. You might include an aerial photo of the area if you have one.

HARVESTING EQUIPMENT

*D343-001 **Fishing Harvesting Equipment** – Board exhibit. Display of equipment used in fish harvesting. Examples: fishing knots, hooks (with corks over ends for safety), lures. Label all items displayed. Include in your exhibit the following information:

- the purpose of each item,
- when or where each item is used
- any personal experiences you have had with the item(s).

*D343-002 **Build a Fishing Rod** - Rod building kits with instructions are available for this purpose. A fishing rod educational exhibit may not exceed 96 inches length. Exhibit must be mounted on a board. Include with the exhibit the following:

- Explanation of cost of materials/components, where materials/components were purchased, and how many hours required for construction.
- Label all parts. Necessary components which must be included are grip, line guides (based on manufacturers specifications), guide wraps and hook keeper. Reel seat needs to be aligned with guides and guides aligned accurately down rod. Guide wraps of size A to D, nylon, or silk thread.
- Exhibit will be judged on workmanship, labeling of parts, information and neatness.

*D343-003 **Casting Target** - Make a casting target for exhibit and use. Target must be under 48" x 48". The bullseyes must be 2 feet, outer band must be 1 foot in diameter and can have up to 3 rings. The exhibit must be easy to store, durable, and weather resistant. Include the purpose and rules of using your casting target.

*D343-004 **Wildlife Harvesting Equipment Board Exhibit** - Board exhibit. Display of equipment used in harvesting wildlife. or displays of shotguns, rifles, or bows, use drawings or pictures. Label all items displayed:

- the purpose of each item,
- when or where it is used
- any personal experiences you have had with the item(s).

*D343-005 **Inventing Wildlife/Fish Harvesting Equipment, Aid or Accessory** – Use engineering principles to invent or adapt equipment that helps you harvest fish or wildlife. This could include wildlife calls, adapted fishing pole for shallow water, a blind, decoys, etc. Share your drawing (or adapted plans), how the equipment works, how you tested it, and the results of testing your prototype and any adjustments you made.

OUTDOOR ADVENTURES LEVEL 2

1. See General Rules.
2. Display posters must be made of material, e.g. foam board or poster board and measure no larger than 22" X 28". Poster material should be sturdy enough to hold display items.
3. Display exhibits other than posters to be no larger than 18" X 24".
4. Journal/Binder exhibits measure no larger than 16" X 16".
5. Consider neatness and creativity.

*D344-001 **Poster** - Create a poster display no larger than 22" X 28". Topics may include, but not limited to one or more of the following; how to pitch a tent, knot tying, cooking over a campfire, how to start a campfire, wildlife and plants identified while camping, how to set up emergency shelter, dealing with weather, collection of photos from camping trips, "Leave No Trace" and how that was followed while camping, plan a camping trip, camping essentials, environmental issues/protecting natural resources, park or trail clean up, sanitation/hygiene while outdoors or use of GPS.

*D344-002 **Journal/Binder** - Written report of virtual or actual camping/hiking trips with observations OR field journal (notes of actual experiences, sights, sounds, smells, etc.), OR camping or hiking trip diary. Explain growth in project, leading the hikes, planning the camping trip, now being able to identify the wildlife and nature around you and how identified (sight/sound/shape/smell/color). Feathers/leaf/flower pressings must be securely attached, if included. Photos of drawing of observations encouraged. Exhibits measure no larger than 16" X 16".

*D344-003 **Camping/Hiking Safety** - Must include explanation of use of item and why selected/purpose, how it fits hiking/camping needs. May include, but are not limited to, one of the following: travel sized poisonous plants guide, camping first aid kit, weather/water safety or hand hygiene kit. Exhibits measure no larger than 18" X 24".

*D344-004 **Digital Media** - Use digital media to show video/slideshow/presentation of setting up a tent (include why site is chosen) or protecting natural

resources or environmental issues or computer video camping/hiking game. Submit a USB drive or DVD inside a report cover or notebook. If using a slideshow, include printed slides inside report cover or notebook.

*D344-005 **Other Camping Items** - Must include what inspired the creation of the item, and its purpose. May include but are not limited to one of the following: nature art, nature haiku poem, spider web sketches or knot display. Exhibits measure no larger than 18" X 24".

OUTDOOR ADVENTURES LEVEL 3

1. See General Rules.
2. Display posters must be made of material, e.g., foam board or poster board and measure no larger than 22" X 28". Poster material should be sturdy enough to hold display items.
3. Display exhibits other than posters to be no larger than 18" X 24".
4. Journal/Binder exhibits measure no larger than 16" X 16".
5. Consider neatness and creativity.

*D345-001 **Poster** - Create a poster display, no larger than 22" X 28". Topics may include but not limited to one of the following: Topographic map, backpacking trip plan, camp layout, plan an expedition (can be dreamed or lived), collection of photos from your expedition, trails hiked, cost comparison of rental vs purchase or using GPS/compass.

*D345-002 **Journal/Binder** - Written report of actual, virtual, or imagined expeditions/camping/hiking, OR field journal (notes of actual experiences, sights, sounds, smells, etc.). Explain growth in project, challenges in leading a group, teaching others about wildlife and nature identification and "Leave No Trace." Exhibits measure no larger than 16" X 16".

*D345-003 Expedition **Safety** - Must include an explanation of use of items, why selected/purpose of item, how it meets hiking/camping/expedition needs. May include but are not limited to; travel sized edible plants, creepy crawly guide, tent repair kit, travel first aid kit or weather/water safety. Exhibits measure no larger than 18" X 24"

*D345-004 Digital **Media** - Use digital media to show video/slideshow/presentation of one of the following, but not limited to; building a non-tent shelter (include why needed), packing your backpack/equipment and getting it onto you, teaching others about environmental issues or a computer video backpacking expedition game. Submit a USB drive or DVD inside a report cover or notebook. If using a slideshow, include printed slides inside report cover or notebook.

*D345-005 Other **Expedition Items** - Must include what inspired the creation of the item, and the purpose of the item. May include, but are not

limited to; nature art, nature cinquain poem, backpacking food recipes, hiking/expedition conditioning plan, charcoal etching, dehydrated meal, or snack (at least 1 cup displayed in a re-sealable plastic bag with ingredients, instructions, and nutritional facts included). Exhibits measure no larger than 18" X 24"

TAXIDERMISTRY

*D346-001 **Tanned Hides** - Any legal fish, bird, or other wild animal properly processed by the member. No requirement as to size or mounting. Include the following information:

- the animal's name and
- information about the exhibitor's personal field experiences, study, or observations that relate to the exhibit.

*D346-002 **Taxidermy** - Any legal fish, bird, or other wild animal properly processed by the member. No requirement as to size or mounting. Include the following information:

- the animal's name and
- information about the exhibitor's personal field experiences, study, or observations that relate to the exhibit.

OTHER NATURAL RESOURCES

*D361-001 **Design Your Own Exhibit in Natural Resources, Conservation, Geology or Ecology**. This class is for educational exhibits about natural resources, conservation, wildlife, or ecology that do not fit into other categories. Entries must be appropriate for fair display and no larger than 24 x 24". All entries must include a title and should be clear (a brief explanation or other method) about the intended purpose or message - what the exhibit is meant to show. Think about accuracy, creativity, educational value for viewers, and evidence of exhibitor's personal experiences and learning.

SHOOTING SPORTS

SHOOTING SPORTS EXHIBITS

1. NO FIREARMS (nor live ammunition) may be exhibited; however, information can be shared through pictures.
2. ALL SHARP ITEMS (i.e., broadheads, knives, etc.,) must be enclosed in a plexiglass display case. Display cases must be 12" W x 18" L x 4" D and displayed so judges can open them to examine items. Items must be secured in the case.
3. All shooting sports exhibits must have a 5" x 8" note card securely attached to the exhibit describing
 - The project and how it applies to Shooting Sports.
 - Experience gained in making the project.
 - How the project or exhibit will be used.

4. Information should be neatly handwritten or typed on one side only of the card.
5. All exhibits should be self-explanatory and educational to viewers. Written explanations should be short and neat.
6. Name of exhibitor must be on the back of each exhibit. This should be permanently written on the exhibit to identify the owner if entry card becomes lost.
7. Exhibits that are dangerous or improperly prepared will be refused entry.
8. Classes 004-009 can be entered by anyone in the conservation and wildlife area.

*D347-001 **Shooting Aid or Accessory** – Any item which helps the shooter/hunter better perform their sport, examples: rifle sling, kneeling roll, arm guard, shotgun vest, target boxes, shooting stick, etc. Include your design or plans you adapted and what the item is and used for.

*D347-002 **Storage Case** – An item with the purpose to safely hold a firearm, bow, ammunition and/or arrows. Examples: soft-sided shotgun case, quivers, firearm safe. Include your design or plans you adapted. Explain how the storage case is used.

*D347-003 **Practice Game or Activity** - Invent or adapt an activity to practice or teach a project skill. Include pictures of youth playing the game, testimonials for 4-H members who played the game, what skill is being worked on and directions for the game. Explain how you came up with the game or adapted it to fit the needs of your group members.

*D347-004 **Science, Engineering, Technology Advancements of Shooting Sports, Conservation, or Wildlife Essay or Display** – Choose a specific area of shooting sports and share how it has advanced. Include a timeline and photos or illustrations. Keep your topic narrow and manageable. Essays are limited to 1000 words and should be on an 8 ½ x 11 paper.

*D347-005 **Healthy Lifestyles Plan** – Include a shooter's diet and exercise plan, and how the 4-H member will benefit or improve from following the plan. Ideally, the 4-H member would follow the plan and include some journal entries about adaptations or improvements made while following the plan.

*D347-006 **Citizenship/Leadership Project** – Share a display on a citizenship project or leadership project the 4-H member took on individually or with a group to improve some aspect related to 4-H Shooting Sports. Examples could be range development, conservation planning to attract wildlife, a camp, 4-H recruitment event. Include who benefitted from the project, what the 4-H member's role was, and any results.

*D347-007 **Career Development/College Essay, Interview or Display** – Research opportunities

for careers related to this area or opportunities for college majors or college activities to help discover using project skills beyond a person's 4-H career. Essays are limited to 1000 words and should be on an 8 ½ x 11 paper. Interviews need to include a picture of the interviewee in their work setting, questions asked and a transcript of answers.

*D347-008 **Community Vitality Display** – Explore the difference shooting sports and hunting make in keeping Nebraska vibrant especially in rural areas. Present facts and research in an interesting way for the public to learn from.

*D347-009 **Ag Literacy – Value Added Agriculture Interview or Research Project** - Explore how traditional ag producers are adding value to their production agriculture operations through conservation efforts, hunting, raising pheasants, shooting sports related tourism, etc. Present findings in an interesting way for the public to learn from.

D347-901 **Shooting Sports Poster** - The poster should clearly feature some aspect of Shooting Sports.

SHOOTING SPORTS CONTEST (Lincoln & Logan Counties Only)

1. To participate in these competitions, a 4-H'er MUST have been under the direct leadership of a certified 4-H Shooting Sports Leader in either shotgun, rifle (BB gun), archery, pistol, black powder/muzzleloader, and/or hunting skills.
2. The 4-H'er MUST be enrolled in the shooting sports project during the current year and MUST have attended the required shooting sports meetings during the year.
 - BB Gun – Open to all youth age 8 & older by January 1 of the current calendar year.
 - Air Rifle – 4-H'er must be in their second year of shooting sports and be pre-approved by a leaders committee to have consistently demonstrated to the leaders that they are physically capable to handle the firearm and are willing to comply with safety rules properly and safely.
 - Small Bore (.22) Rifle – 4-H'er must be in their second year or be age 11 & older by January 1 of the current calendar year and be pre-approved by a leaders committee to have consistently demonstrated to the leaders that they are physically capable to handle the firearm and are willing to comply with safety rules properly and safely.
 - Shotgun – 4-H'er must be in their second year or be age 11 & older by January 1 of the current calendar year and be pre-approved by a leaders committee to have consistently demonstrated to the leaders that they are physically capable to handle the firearm and are willing to comply with safety rules properly and safely.

- Archery – Open to all youth age 8 & older by January 1 of the current calendar year.
3. Members will be contacted at pre-registration time of the locations, dates, and times of each discipline competition.
 4. **Dress Code:** Dress code will be followed. Requirements - blue or dark jeans - NO SHORTS, and a 4-H T-Shirt approved by the Extension Office or a white shirt with a 4-H chevron. If Dress Code is not adhered to, the 4-H member will be dropped one (1) ribbon placing. Appropriate hat or visor and tinted shooting (safety) glasses or sunglasses **must** be worn.
 5. All firearms will be clean and in good working condition. Shooters are responsible for and must wear ear protection for .22 Rifle and shotgun. Safety glasses must be worn for all firearms events. Clear barrel indicators must be used in rifle and pistol. All ammunition must be separate from the firearm.
 6. Please read carefully to assure entry in proper age division. All ages will be as of January 1 of the current calendar year. Junior: 4-H age 8-11 (disciplines will only include bb gun, archery, air rifle) Intermediate: 4-H age 12-13 (all disciplines) Senior: 4-H age 14-18 (all disciplines)
 7. BB Guns are defined as: Any spring gun or air powered gun that shoots BB's. Must be smooth bore, weigh 6 pounds or under, will be shot at 5 meters (16' 4 3/4"). No scopes allowed.
 8. Air Rifles are defined as: Any hand pump or CO2 air rifle with or without rifling in the barrel that uses .177 caliber pellets. Scopes will not be allowed. Targets will be shot at 10 meters (32' 9").
 9. Members are encouraged to use their own firearms at the fair. Club guns will be available to use if needed.

BB GUN (Lincoln & Logan County)

1. At contest, 4 shots will be given at each position.
2. This shooting sport requires Safety Eye Protection.
3. Only BB's may be used. No CO2 cartridges or pellets allowed.
4. Guns will be loaded at the time of the contest, Not Before. Only 1 pump allowed, or it is at the line judge's discretion to allow more.
5. No scopes allowed.
6. Exhibitors will shoot from four positions: standing, prone, kneeling, and sitting. No part of the competitor's body may touch the firing line. In the prone position, the elbow must be behind the rear edge of the firing line. In the standing and kneeling positions, the entire foot must be behind the firing line. The rifle and other parts of the body may extend beyond the firing line, as long as, no part of body that contacts the floor rests on or in front of the firing line.

D348-901 **Junior** (8-11 years old)

D348-902 **Intermediate** (12-13 years old)

D348-903 **Senior** (14 years and over)

AIR RIFLE (Lincoln & Logan County)

1. Open to 2nd year shooters
2. At Contest, 3 practice shots will be given at **regulation distance.**
2. This shooting sport requires Safety Eye Protection.
3. All classes shall **use all 4 positions**; bench rests or slings will not be allowed. Shooters may use only 1 **Pump** in their rifle and only .177 (4.5 mm) caliber pellets.

D348-904 **Junior**- (9-11 years old)

D348-905 **Intermediate** (12-13 years old)

D348-906 **Senior** (14 years and over)

ARCHERY (Lincoln & Logan County)

1. At contest, 2 practice shots will be given at each yardage
 2. No laser sights, range finders, scopes, or binoculars allowed on the range at any time.
 3. No stabilizers or sights over 12 inches long from the face of the bow permitted in any class.
 4. No peak bow weights above 60 pounds.
 5. No crossbows allowed.
 6. Shooting hand shall have one of the following: finger tab, leather shooting glove, or release aid.
 7. Bow arm shall have the following: Leather or protective type material arm guard not less than 6 inches long to protect the bow forearm from the slap of the bowstring.
 8. Yardage: Junior 10 Yards Intermediate 10 - 25 Yards Senior 20 - 35 Yards
- Barebow - Compound Bows - No sights, kiss button, or release aids. Stabilizer less than 12 inches long allowed.

D348-910 **Junior** (8-11 years old)

D348-911 **Intermediate** (12-13 years old)

D348-912 **Senior** (14 years and over)

Bowhunter Limited - All bows with sights and stabilizers. No release aids allowed in this class. String must be released by fingers.

D348-913 **Junior** (8-11 years old)

D348-914 **Intermediate** (12-13 years old)

D348-915 **Senior** (14 years and over)

Bowhunter - All bows with sights, stabilizers, and release aids.

D348-916 **Junior** (8-11 years old)

D348-917 **Intermediate** (12-13 years old)

D348-918 **Senior** (14 years and over)

SMALL BORE (.22) RIFLE (Logan County Only)

1. At contest, 5 practice shots will be given at **regulation distance.**
2. All contestants must be eleven (11) year or older and have completed a Hunter Safety Class, before practices are started, "Safety Cards will be checked".

3. There are two (2) classes in the Small Bore (22) Rifle Program. First class includes all rifles with open sights. Second class includes all rifles with scopes.

4. All classes may use cross sticks for any position. No bench rests or slings will be used.

5. This shooting sport requires Safety Eye and Ear Protection.

D348-919 **Intermediate - Open Sights** (11-13 years old)

D348-920 **Intermediate - Scopes** (11-13 years old)

D348-921 **Senior – Open Sights** (14 years and over)

D348-922 **Senior – Scopes** (14 years and over)

SHOTGUN (Logan County Only)

1. All contestants must be eleven (11) years or older and have completed a Hunter Safety Class, before practices are started, "Safety Cards will be checked".

2. This shooting sport requires Safety Eye and Ear Protection.

D348-923 **Intermediate** (11-13 years old)

D348-924 **Senior** (14 years and over)

ENTOMOLOGY

1. Specimens should be mounted properly and labeled with location and date of collection, name of collector, and order name. Follow mounting and labeling instructions in the Nebraska 4-H Entomology manual online as a PDF file.

<https://marketplace.unl.edu/ne4h/entomology.html>

2. Purchased insects and other insects not collected by the 4-H'er can be included but must have accurate labels and will not be counted in meeting minimum requirements for the exhibit.

3. Boxes are preferred to be 12" high x 18" wide, and landscape orientation so they fit in display racks. Purchase of commercially made boxes is allowed.

4. All specimens are to be pinned and labeled by the exhibitor. No purchased specimens allowed.

5. No projects over 50 pounds allowed.

H800-901 **Entomology Collection** (1st year project) to consist of a collection of 16 or more different kinds of insects - exhibited on 3" x 5" card listing the season, time of day insect was collected, location, and common name. The insect can be glued on the card. The insect cards should be placed in an appropriate container.

H800-902 **Entomology Collection** Consisting of insects collected at an Extension educational program. No insect limit required.

*H800-001 **Entomology Display - First year** project Collection to consist of 25 or more different kinds (species) of insects representing at least 6 orders. Limit of one box.

*H800-002 **Entomology Display – Second year** project. Collection to consist of a minimum of 50 kinds (species) of insects representing at least 8 orders. Replace damaged or poorly mounted specimens. At least 25 species must be present from after July 1 of the previous year. Limit 2 boxes.

*H800-003 **Entomology Display – Third year or more** project. Collection to consist of a minimum of 75 kinds (species) of insects representing at least 10 orders. Replace damaged or poorly mounted specimens. At least 25 species must be present from after July 1 of the previous year. Limit of 3 boxes.

*H800-004 **Special Interest or Advanced Insect Display** Educational display developed according to personal interests and/or advanced identification capability. This also is an opportunity to highlight favorite insects in a creative arrangement. Insects should conform to pinning and mounting standards as in Classes I-III and be protected in an insect box. Each specialty display should include names of the insects, interesting information about them, and why the display was made. Advanced identification collections should have insects grouped with labels that correspond with identification level (e.g., family, genus, species). A specialty collection may consist of insects by taxonomic group (e.g., butterflies, grasshoppers, dragonflies, scarab beetles,) or by host, subject, or habitat (e.g., insect pests of corn, aquatic insects, insect mimicry, insect galls, insects from goldenrod, insect pollinators, etc.)

*H800-005 **Insect Habitats –Habitats** consist of any hand-crafted objects, made of natural or artificial materials, to be placed outdoors, which promote or conserve insects in the environment. Insects may include bee pollinators, butterflies, beneficial insects, etc. A one-page report describing activities must accompany the exhibit. Report should include placement, target insect, why materials were chosen, functional design, and indicators of success. See the following resources for reports:

- Nebraska Extension NebGuide: Creating a Solitary Bee Hotel (G2256)
- University of Minnesota: Wild Bees and Building Wild Bee Houses
- National Wildlife Federation: How to Provide Water in Monarch Gardens

*H800-006 **Macrophotography** – Subjects should be insects, spiders or other arthropods, or any nests, webs, or constructions they make. All exhibit prints should be eight 8" x 10" or 8½" x 11" and mounted on rigid, black 11" x 14" poster or matt board. Either orientation is acceptable. No frame or mat boards are allowed. A caption of a few sentences should explain the subject

and be printed on white paper, should be glued below the print on the poster board.

***H800-007 Insect Poster/Display Exhibits** – Exhibits can be posters or three-dimensional displays and artistic creativity is encouraged. Posters should be no larger than 22" x 28". They should be instructional and can be attractive and have pictures, drawings, charts, or graphs. Posters and displays may show any aspect of insect life, habitat or related conservation or management. Examples include life history and other facts about an insect; insect anatomy; how to manage insects in a farm, home, lawn, or garden setting; experiences rearing one kind of insect; survey of an important insect; insect behavior (ex. nesting, finding food, mobility, defenses, etc.); habitats (ex. forests, grasslands, wetlands, rivers, or lakes) and what insects are found there, etc. Three-dimensional displays, such as dioramas, sculptures, models, or decorative boxes should have a page of explanatory information accompanying them and fit within a 22" x 28" area.

***H800-008 Reports or Journals** – Reports and journals should be in a 3-ring binder. A report may be informational, that is, an original article about a favorite insect, a history of insect outbreaks, diseases caused by insects, insects as food, etc. Or it may be a research report about an investigation or experiment done in a scientific manner. It then should have a basic introduction of the insect studied, methods used, observations and results of the project. Tables, graphs, and images are helpful to include. A journal is an observational study over a period with personal impressions. It may cover watching changes in kinds of butterflies over the summer, rearing a specific insect from egg to adult, managing a beehive, observations of insects in a specific habitat, accounts of insect behavior in a forest or flower garden, etc.

***H800-009 Special Entomology Project** Educational exhibit based on what was learned from the project. Present information on a poster no larger than 22" x 28" either vertical or horizontal arrangement or in a clear plastic report cover. The 4-H member's name, age, full address, and county must be on the back of the poster or report cover. Reports may include life cycle, distribution of the insect, insect behavior (ex. nesting, finding food, mobility, defenses, etc.); habitats (e.g. forests, grasslands, wetlands, rivers, or lakes). May include a certain species or broad overview of the family or group of insects.

***H800-010 Special Entomology Project Display** The current years' Special Entomology Project pinned species along with a one-to-two-page report of what was learned from researching the insect type. Reports may include life cycle,

distribution of the insect, insect behavior (ex. nesting, finding food, mobility, defenses, etc.); habitats (e.g., forests, grasslands, wetlands, rivers, or lakes). May include a certain species or broad overview of the family or group of insects.

HEALTHY LIFESTYLES FOODS, NUTRITION & FOOD PRESERVATION

1. Enter food exhibits in disposable materials, i.e., disposable pan or plate and covered by a plastic self-sealing bag. The Fair is not responsible for lost bread boards, china, or glassware.
2. Members may exhibit only in the project in which they enrolled.
3. Baked products entered in the County Fair cannot be entered at State Fair. Products should be baked the day before entry day or as designated by County.
4. One entry per exhibitor per class.
5. For all food products: Each exhibit must include the recipe. Recipe may be handwritten, photocopied, or typed. Place the food on the appropriate-sized plate or container and put exhibit in a self-sealing bag. Attach entry tag and recipe at the corner of the bag on the outside.
6. For non-food entries, please attach the entry tag to the upper right-hand corner of the entry. Additional information including recipes and supplements information should be identified with 4-H'ers FIRST name and county.
7. Make sure to follow all entry instructions required for your exhibit. Incomplete exhibits will be lowered one ribbon placing.
8. Commercially prepared mixes are ONLY allowed in Cooking 201 Creative Mix Class. Prepared baking mixes, biscuit mixes, commercially prepared seasoning mixes for food preservation, and other pre-made mixes entered in other categories will be lowered a ribbon placing.
9. Ingredients that the 4-H member cannot legally purchase, such as beer, whiskey, rum, etc. may not be used in any recipe or foods exhibit. Exhibits that include alcohol will be disqualified. This includes menu and recipe file exhibits.
10. Exhibits are on display for several days: Please think **FOOD SAFETY!** Items that require refrigeration will not be accepted, judged, or displayed as exhibits must be safe to eat when entered, whether they are tasted or not. The following food ingredients are considered unsafe for fair exhibits and will be disqualified:
 - Egg or cream fillings and cream cheese frostings.
 - Any meat item including meat jerky, imitation meat bits (bacon bits, pepperoni, etc.).

- Melted cheese on top of food exhibit.
- Uncooked fruit toppings. (i.e., fresh fruit tarts).

These food items may result in an unsafe food product by the time the item is judged due to unpredictable heat and/or weather conditions.

11. Glazes, frostings and other sugar-based toppings are considered safe due to their high sugar content. Egg glazes on yeast breads and pie crusts BEFORE baking are acceptable. Eggs incorporated into baked goods and crusts and cheese mixed into baked goods are considered safe.

LINCOLN COUNTY:

1. Senior Foods Champion and Senior Foods

Reserve Champions will be selected from 4-H'ers exhibiting in: Cooking 301, Cooking 401, and Food Preservation. 4-H'er must be 12 years of age to qualify. 4-H'er may win each award (Foods Champion or Reserve Champion) only once.

2. Junior Foods Champion and Junior Foods

Reserve Champions will be selected from 4-H'ers exhibiting in: Cooking 101, Cooking 201 and Food Preservation. 4-H'er must be 8 to 11 years of age to qualify. 4-H'er may win each award (Foods Champion or Reserve Champion) only once.

3. Project prizes will be selected at the judge's discretion.

4. **WHOLE GRAIN PRODUCTS:** Open to all 4-H members enrolled in a foods project. To qualify as a whole grain exhibit, the product must contain a minimum of 25% whole grain or whole grain flour as an ingredient. Whole grain products will also be sold in the 4-H foods Bake Sale. Whole grain products will be exhibited as follows:

- **Junior Division (4-H ages 8-11) Cooking 201** Whole grain recipes may be used for the following classes: E410-001, E410-002, E410-003, E410-004, E410-005 and E410-006
- **Senior Division (4-H ages 12-18) Cooking 301** Whole grain recipes may be used for the following classes: E411-002, E411-003, E411-004, E411-005 and E411-006
- Any whole grain product may be used including exhibits using whole or cracked wheat flour, rye flour, cornmeal, oatmeal, triticale, bulgur, soybeans, etc., 4-H'ers are encouraged to try new recipes and ideas (ex. avoid traditional oatmeal cookies or cornbread). Priority will be given to unusual and unfamiliar whole grains or combinations of grains with pleasing flavor and texture.
- Ribbons and premium money will be given to all exhibitors. The top 3 exhibits in each division (junior and senior) will receive prizes of \$10.00, \$7.50, and \$5.00, courtesy of the 4-H Council.

LOGAN COUNTY BAKED GOODS AUCTION: Must be present or find a substitute 4-H'er. It is at the discretion of the Foods Superintendent as to selecting food for the Food Auction. Proceeds go directly to all youth if they are present. Checks should be made payable to 4-H member.

LINCOLN COUNTY 4-H BAKE SALE: All 4-H baked food products will be sold Tuesday afternoon at the fairgrounds. 4-H'ers: If you have extra baked items to donate to the bake sale, bring them with you as you enter your exhibits.

GENERAL FOODS

1. Open to any 4-H'er enrolled in a Foods and Nutrition or Food Preservation project.
2. Exhibit may be a poster or foam core board (not to exceed 22" X 30"), computer-based presentation printed off with notes pages if needed, and displayed in a binder, an exhibit display, a written report in a portfolio or notebook.
3. Consider neatness and creativity.

*E350-001 **Food Science Explorations** - Show the connection between food and science as it relates to food preparation, food safety, food preservation, or food production

*E350-002 **Foods and Nutrition Poster, Scrapbook or Photo Display** – Project should involve a nutrition or food preparation technique or explore a career related to the food industry (caterer, restaurant owner, food scientist, registered dietitian, etc.). This might contain pictures, captions and/or reports to highlight the concept.

*E350-003 **Physical Activity and Health Poster, Scrapbook, or Photo Display** - Project should involve a physical activity or explore a career related to physical activity or health (personal trainer, sports coach, physical therapist, etc.). This might contain pictures, captions and/or reports to highlight the concept.

*E350-004 **Cooking Basics Recipe File** – A collection of 10 recipes from any source. Each recipe must accompany a complete menu in which the recipe is used. An additional 10 recipes may be added each year the 4-H'er is in the project, with the year clearly marked on recipes. Display in a recipe file or binder. Be sure to include the number of servings or yield of each recipe. This may be a continued recipe file project from the previously used 4-H curriculum before 2018.

COOKING 101

E401-901 **Cookies/Bar** - This may be any type of cookie: rolled, or dropped, 4 on a paper plate.

E401-902 **Muffins** - Any recipe, 4 on a paper plate

E401-903 **No Bake Cookie** - Any recipe, 4 on a paper plate.

- E401-904 **Cereal Bar Cookie** - Any cereal-based recipe made in pan and cut into bars or squares for serving. 4 on a paper plate.
- E401-905 **Granola Bar** – Any recipe, 4 on a paper plate.
- E401-906 **Brownies** - Any recipe, 4 brownies on a small paper plate. Any recipe may be used, but it must be made from scratch.
- E401-907 **Snack Mix** - Any recipe, at least 1 cup in self-sealing plastic bag.
- E401-908 **Loaf Quick Bread** - Any recipe, at least $\frac{3}{4}$ of a standard loaf displayed on a paper plate. Quick bread is any bread that does not require kneading or rising time and does NOT include yeast. A standard quick bread loaf measures approximately 8 $\frac{1}{2}$ " x 4 $\frac{1}{2}$ " or 9" x 5". If mini-loaf pans are used for exhibit, two loaves must be presented for judging.
- E401-909 **Cornbread** - Any recipe, at least $\frac{3}{4}$ of baked product or 4 pieces on a paper plate. May be baked in a disposable pan.
- E401-910 **Cake** - Any recipe, at least $\frac{3}{4}$ of a baked product. May be baked in a disposable pan
- E401-925 **Other Baked Item** relevant to this project and suitable for bake sale.

COOKING 201

- *E410-001 **Loaf Quick Bread** Any recipe, at least $\frac{3}{4}$ of a standard loaf displayed on a paper plate. Quick bread is any bread that does not require kneading or rising time and does NOT include yeast. A standard quick bread loaf measures approximately 8 $\frac{1}{2}$ " x 4 $\frac{1}{2}$ " or 9" or 5". If mini-loaf pans are used for exhibit, two loaves must be presented for judging.
- *E410-002 **Creative Mixes** (Any recipe, at least $\frac{3}{4}$ of baked product or 4 muffins or cookies on a paper plate or in a disposable pan.) Baked item made from a mix (commercial or homemade mixes acceptable). Food product must have been modified to make a new or different baked item. (Examples include poppy seed quick bread from a cake mix, cake mix cookies, sweet rolls made from readymade bread dough, monkey breads from biscuit dough, streusel coffee cake from a cake mix, etc.) Write what you learned about making this product using a mix instead of a homemade recipe or recipe "from scratch". Does it make it better or easier to use a convenience product or mix? Why or why not?
- *E410-003 **Biscuits or Scones** Four biscuits or scones on a small paper plate. This may be any type of biscuit or scone: rolled or dropped. Any recipe may be used, but it must be a non-yeast product baked from scratch.
- *E410-004 **Healthy Baked Product** (Any recipe, at least $\frac{3}{4}$ of baked product or 4 muffins or cookies on a paper plate or in a disposable pan. Recipe must contain a fruit or vegetable as part of the ingredients (Ex: banana bars, cantaloupe quick bread, zucchini muffins, etc.

- *E410-005 **Coffee Cake** Any recipe or shape, non-yeast product – at least $\frac{3}{4}$ of baked product on a paper plate or in a disposable pan. Include menu for a complete meal where this recipe is served, following meal planning guidelines suggested in Cooking 201.
- *E410-006 **Baking with Whole Grains** Any recipe, at least $\frac{3}{4}$ of baked product or 4 muffins/cookies on a paper plate or in a disposable pan. Recipe must contain whole grains as part of the ingredients. (Ex: whole wheat applesauce bread, peanut butter oatmeal cookies, etc.)
- *E410-007 **Non-Traditional Baked Product Exhibit** must include a food product prepared using a non-traditional method (i.e., bread machine, cake baked in air fryer, baked item made in microwave, etc.) Entry must be at least $\frac{3}{4}$ baked product, or 4 muffins or cookies on a paper plate or in a disposable pan. Entry must include supporting information that discusses alternative preparation method and how it compares with traditional method.
- E410-925 **Other Baked Item** relevant to this project and suitable for the bake sale.

COOKING 301

- Any bread item prepared or baked using a bread machine should be entered under the Cooking 201, Non-Traditional Baked Product. All exhibits made in the Cooking 301 or Cooking 401 projects must have been prepared without the assistance of a bread machine for mixing, raising, or baking of the food item.
- *E411-001 **White Bread** (any yeast recipe) At least $\frac{3}{4}$ of a standard loaf displayed on a paper plate.
- *E411-002 **Whole Wheat or Mixed Grain Bread** (any yeast recipe) At least $\frac{3}{4}$ of a standard loaf displayed on a paper plate.
- *E411-003 **Specialty Rolls** (any yeast recipe) 4 rolls on a paper plate. May be sweet rolls, English muffins, kolaches, bagels, or any other similar recipe that makes individual portions.
- *E411-004 **Dinner Rolls** - (any yeast recipe) 4 rolls on a paper plate. May be cloverleaf, crescent, knot, bun, bread sticks, or any other type of dinner roll.
- *E411-005 **Specialty Bread** - Any yeast recipe, includes tea rings, braids, or any other full-sized specialty bread products. Must exhibit at least $\frac{3}{4}$ of a full-sized baked product. May be baked in a disposable pan.
- *E411-006 **Shortened Cake** - NOT FROM A CAKE MIX! At least $\frac{3}{4}$ of the cake. Shortened cakes use fat for flavor and texture and recipes usually begin by beating fat with sugar by creaming and include leavening agents in the recipe. Cake may be frosted with a non-perishable frosting (no cream cheese or egg white-based frosting allowed).

E411-925 **Other Baked Item** relevant to this project and suitable for the bake sale.

COOKING 401

Any bread item prepared or baked using a bread machine should be entered under the Cooking 201. All exhibits made in the Cooking 301 or Cooking 401 projects must have been prepared without the assistance of a bread machine for mixing, raising, or baking of the food item.

*E412-001 **Double Crust Fruit Pie** Made with homemade fruit filling. No egg pastries or cream fillings. No canned fillings or pre-made pie crusts. May be a double crust, crumb, or lattice topping. Using an 8- or 9-inch disposable pie pan is recommended.

*E412-002 **Family Food Traditions** (Any recipe, at least $\frac{3}{4}$ of baked product or 4 muffins or cookies on a paper plate. May be baked in a disposable pan). Any baked item associated with family tradition and heritage. Entry must include: (A) recipe, (B) tradition or heritage associated with preparing, serving the food, (C) where or who the traditional recipe came from.

*E412-003 **Ethnic Food Exhibit** (Any recipe, at least $\frac{3}{4}$ of baked product or 4 muffins or cookies on a paper plate or in a disposable pan). The name of the country, culture or region should be included as part of the supporting information with the recipe, as well as background information about the country or culture the food item is representing.

*E412-004 **Candy** – Any recipe, 4 pieces of candy on a paper plate or $\frac{1}{2}$ cup. No items containing cream cheese will be accepted. (Example: cream cheese mints) Candy may be cooked or no cook; dipped, molded, made in the microwave or other methods of candy preparation. Recipe must be included.

*E412-005 **Foam Cake** - Original recipe (no mixes) of at least $\frac{3}{4}$ of the cake. Foam cakes are cakes that have a high ratio of eggs to flour and fall into three categories: angel food cakes or meringues; sponge or jelly roll cakes; and chiffon cakes. Cake may be frosted with a non-perishable frosting (no cream cheese or egg white-based frostings allowed)

*E412-006 **Specialty Pastry** (Any recipe, at least $\frac{3}{4}$ of a baked product or 4 muffins or cookies on a paper plate or in a disposable pan.) Baked items such as pie tarts, puff pastry, phyllo doughs, scones, biscotti, choux, croissants, danish, strudels. Phyllo dough may be premade or from scratch. Pastries made with cream or egg-based fillings will be disqualified.

E412-925 **Other Baked Item** relevant to this project and suitable for the bake sale.

FOOD PRESERVATION

1. **Current USDA processing methods and altitude adjustments must be followed for all food preservation.** Jams, preserves and marmalades, fruit, tomatoes, and pickled vegetables must be processed in a boiling water bath. (Tomatoes may be processed in a pressure canner.) All non-acid vegetables and meats must be processed in a pressure canner. Improperly canned or potentially hazardous food items will be disqualified. Spoiled or unsealed container disqualifies entry.
2. Jars and lids do not need to be same brand. Half pint jars may be used for jellies and preserves. The jars are not to be decorated by the exhibitor in any way. Canning jars must be used, others will be disqualified. No one-fourth pint jars allowed. Leave jar rings on for fair display, it helps protect the seal. Two-piece lids consisting of a flat metal disk and a ring should be used. No zinc lids or one-piece lids.
3. All canning must be the result of this year's 4-H project.
4. Exhibits will be judged according to score sheets available at your local Extension office. Incomplete exhibits will be lowered a ribbon class. Canned food items not processed according to altitude in the county will be lowered one ribbon class. Check with your local extension office for your county's altitude and how that affects food processing times and pounds of pressure.
5. Ag Society and/or Fair Board are not responsible for lost, damaged, or broken exhibits.
6. Jars should be labeled with the name of the food item, name of the 4-H'er, county, and date of processing on the bottom of each jar. Exhibits containing multiple jars such as a "3 jar exhibit" should be placed in a container to keep jars together. Each bag containing dried foods should also be labeled with the name of the food item, the name of the 4-H'er, county, and drying date. Multiple dried foods exhibits should be secured by a rubber band or "twisty" to keep exhibit containing the 3 self-sealing bags together.
7. Recipe must be included, handwritten, photocopied, or typed. Commercially prepared seasoning mixes are not allowed. Current USDA guidelines for food preservation methods **MUST** be followed. Suggested sources of recipes include: 4-H Food Preservation Manuals, USDA Guide to Home Canning, 2015 revisions, Nebraska Extension's Food Website, Ball Blue Book (published after 2009). All exhibits must include **the 4-H Food Preservation Card** attached to the project for the required supporting information or include the following information with exhibit.

- Name of product.
- Date preserved
- Method of preservation (pressure canner, water bath canner, or dried)
- Type of pack (raw pack or hot pack)
- Altitude (and altitude adjustment, if needed)
- Processing time
- Number of pounds of pressure, (if pressure canner used)
- Drying method and drying time (for dried food exhibits).
- Recipe and source of recipe (if a publication, include name and date).

8. Recipe can come from any source, but current USDA guidelines for food preservation methods must be followed. See <http://food.unl.edu/web/preservation/home> for current USDA guidelines.

UNIT 1 FREEZING

*E406-001 **Baked Item Made with Frozen Produce** – Any recipe, at least ¾ of baked product or 4 muffins or cookies on a paper plate or in a disposable pan. Recipe MUST include a food item preserved by the freezing method done by the 4-H'er. Ex: Peach pie, blueberry muffins, zucchini bread, etc. Supporting information must include both the recipe for the produce that was frozen as part of this project AND the baked food item.

UNIT 2 DRYING

*E407-001 **Dried Fruit** - Exhibit 3 different examples of 3 different dried fruits. Place each dried fruit (6-10 pieces of fruit, minimum of 1/4 cup) in separate self-sealing bags. Use a rubber band or "twisty" to keep exhibit together.

*E407-002 **Fruit Leather** - Exhibit 3 different examples of 3 different fruit leathers. Place a 3-4" sample of each fruit together in separate self-sealing bags. Use a rubber band or "twisty" to keep exhibit together.

*E407-003 **Vegetable Leather** – Exhibit 3 different examples of 3 different vegetable or vegetable/fruit leather combo. Place a 3-4" sample of each leather together in separate self-sealing bags. Use a rubber band or "twisty" to keep exhibit together.

*E407-004 **Dried Vegetables** Exhibit 3 different samples of 3 different dried vegetables. Place each food (1/4 cup of each vegetable) in a separate self-sealing bag. Use a rubber band or "twisty" to keep exhibit together.

*E407-005 **Dried Herbs** - -Exhibit 3 different samples of 3 different dried herbs. Place each food (1/4 cup of each herb) in a separate self-sealing bag. Use a rubber band or "twisty" to keep exhibit together.

*E407-006 **Baked Item Made with Dried**

Produce/Herbs – Any recipe, at least ¾ of baked product or 4 muffins or cookies on a paper plate or in a disposable pan. Recipe MUST include a dried produce/herb item made by the 4-H'er. Ex: Granola bar made with dried fruits, dried cranberry cookies, Italian herb bread, lemon thyme cookies. Supporting information must include both the recipe and the dried produce/herb AND the baked food item.

UNIT 3 BOILING WATER

(Entries must be processed in a boiling water bath according to current USDA recommendations)

*E408-001 **Jar Fruit Exhibit** One jar of a canned fruit.

*E408-002 **3 Jar Fruit Exhibit** 3 jars of different canned fruits. May be three different techniques for same type of product, ex: Applesauce, canned apples, apple pie filling, etc.

*E408-003 **Jar Tomato Exhibit** One jar of a canned tomato product.

*E408-004 **3 Jar Tomato Exhibit** 3 jars of different canned tomato products (salsa, sauces without meats, juice, stewed, etc.)

*E408-005 **Jar Pickled Exhibit** One jar of a pickled and/or fermented product.

*E408-006 **3 Jar Pickled Exhibit** Three jars of different kinds of canned pickled and/or fermented products.

*E408-007 **Jar Jelled Exhibit** One jar of a jam, jelly, fruit butter or marmalade.

*E408-008 **3 Jar Jelled Exhibit** Three different kinds of jelled products. Entry may be made up of either pints or half pints (but all jars must be the same size).

UNIT 4 PRESSURE CANNING

(Entries must be canned in a pressure canner according to current USDA recommendations unless otherwise noted)

*E414-001 **Jar Vegetable or Meat Exhibit** One jar of a canned vegetable or meat.

*E414-002 **3 Jar Vegetable Exhibit** Three jars of different kinds of canned vegetables.

*E414-003 **3 Jar Meat Exhibit** Three jars of different kinds of canned meats.

*E414-004 **Quick Dinner Exhibit** a minimum of 3 jars to a maximum of 5 jars plus menu. Meal should include 3 canned foods that can be prepared within an hour. List complete menu on a 3" x 5" file card and attach to one of the jars. Entry must be processed according to USDA recommendations.

*E414-005 **Jar Tomato Exhibit** One jar of a canned tomato product.

*E414-006 **3 Jar Tomato Exhibit** 3 jars of different canned tomato products (salsa, sauces without meats, juice, stewed, etc.)

FAVORITE FOOD CONTEST

Logan County Only

1. This contest integrates food and nutrition curriculum knowledge into one activity: food preparation, menu planning, nutritional knowledge, table service and food handling practices.
2. The 4-H'er should set up their display 15 minutes prior to the start of the contest.
3. 4-H'er must choose to center display around any theme they wish. They will then coordinate a centerpiece and place setting. Disposable place settings can be used.
4. The exhibit should fit on a standard card table, which the 4-H'er must furnish.
5. Interview judging will be used to evaluate each exhibit. 4-H'er should be prepared to give a 5-minute presentation about the preparation of the recipe, selection and management of the menu, nutritional information regarding the food and menu exhibited.
6. Exhibit should include the following:
 - A. Two 4" x 6" cards with 1) the recipe of the food item being exhibited, 2) a menu featuring the exhibited food item.
 - B. One place setting should be set. Use table appointments - dishes, silverware, etc., appropriate to the chosen theme.
 - C. A centerpiece appropriate for the planned occasion or theme.
 - D. Table covering, as appropriate for the occasion for the chosen theme or occasion. (Tablecloth, place mats, etc.)
 - E. One serving of the prepared food on/in appropriate dish. (Please note: Proper food safety rules should be followed. Food should not be allowed to sit at room temperature for more than 2 hours. Though you may furnish a cooler to keep it at the appropriate temperature until your exhibit is judged.)
 - F. Each 4-H'er is responsible for bringing their own card table the day of the event and setting up their own display.

K900-918 **Clover kid Favorite Foods Contest**

E912-902 **Favorite Foods Participant**

COOKIE JAR DECORATING

1. Cookie Jar Decorating is open to any 4-H member. Only 1 entry jar allowed per 4-H'er.
2. The entry will be a jar of 2 dozen homemade cookies made from different kinds of batters and dough.
3. Jar may be either glass or plastic and may be decorated as desired by the contestant. Greenware and ceramics are not allowed.
4. Clearly label jars to show the types of cookies (example: Snickerdoodle, Chocolate Chip, etc.)
5. LOGAN COUNTY: Decorated jars with at least 2 dozen cookies should be entered at the fair building at the Logan County Fair/Rodeo to be

placed on a silent auction during the Logan County Fair/Rodeo.

6. MCPHERSON COUNTY: Jars will not be judged. Any size jars. 2 dozen any kind of cookie. Each 4-H'er is expected to take their jar from the Silent Auction at its conclusion and approach the buyer and collect final bid money. Make checks payable to McPherson County 4-H Council. 4-H Member will receive half of what their jar brings at auction.
7. LINCOLN COUNTY: All jars will be placed for Silent Auction beginning Wednesday of County Fair and closing at 3:00 p.m. on Saturday. No jars will be judged. 4-H'ers will receive 50% of sale price on one cookie jar (highest priced).

E913-901 **Senior Cookie Jar** - 13 years of age and older. One-half gallon or gallon jar with at least two dozen homemade cookies.

E913-902 **Junior Cookie Jar** - 12 years of age and younger. One-half gallon or gallon jar with at least two dozen homemade cookies.

K900-918 **Clover Kid Cookie Jar** - 5 to 7 years old are eligible to enter. One-half gallon or gallon jar with at least two dozen homemade cookies.

E913-904 **Pet Cookie Jar** - One-half gallon or gallon jar with at least two dozen home-made treats intended for an animal. Example: dog treats, horse treats

CAKE DECORATING

1. 1" to 2" must be allowed around the edge on all cake boards and display boards – to allow for ease in handling.
2. To the bottom of the cake board attach a label with the following: Exhibitor's name, age, item, number of years in cake decorating, number of years in the unit entered, and kind of cake (i.e., chocolate, white, etc.)
3. Use only tips & techniques listed for single layer cakes in each unit.
4. No purchased frostings or fondant can be used.
5. Lincoln County: An exhibitor can win champion only once in each level. After winning champion in any level, the 4-H'er must advance to the next level. All champion, reserve champion, and selected purple ribbon cakes will be auctioned. (See schedule of events for time and location) Exhibitors must be present to sell their cake or arrange for someone else to sell it. 4-H'ers present will receive 75% of sale price on one cake. All other proceeds go to 4-H Council to support the 4-H program. Decorated cookies and cupcakes will be sold during the Bake Sale, not at the auction
6. McPherson County: An exhibitor can only win champion once in each level. After winning unit champion the 4-H'er must advance to the next

unit. Only the Champion Cake will be auctioned off at the livestock auction.

7. **Logan County:** 4-Her's do NOT need to enter a unit cake to exhibit in the Novelty cake class.

UNIT I CAKE DECORATING

E925-901 **A Single Layer Cake** (8" or 9" round cake on round board) frosted and decorated with buttercream icing. Must use smoothing techniques, line tip, and star tip, and no others.

UNIT II CAKE DECORATING

E925-902 **One 8" or 9" Round One Layer Cake**, (on round board) frosted using buttercream frosting and decorated. Must use star tip, leaf tip and writing tip, and other tips optional. (No roses may be used).

UNIT III CAKE DECORATING

E925-903 **A Two Layer Cake**, round or square, 8" or 9", (layers must be the same size) frosted with smoothed buttercream frosting and decorated as desired. Must use star tip, leaf tip, writing tip, and a rose tip. Constructed roses and written or printed words **MUST** be included. Other tips are optional.

UNIT IV CAKE DECORATING

E925-904 **An 8" or 9" Square or Round 2 Layer Cake** and decorating using buttercream and royal frosting. (No sugar molds). Include a card stating type of frosting and where used.

E925-905 **A Two Layer Cake**, round or square, 8" or 9", (layers must be the same size) using fondant to create floral, cut-out shapes or completely covering the cake. Fondant recipe or source **MUST** be stated on cake board. Other tips are optional.

UNIT V CAKE DECORATING

E925-906 **3 Royal Frosting Decorations or Figures**, at least one to be color flow (note - color flow is easier to handle if you begin working with smaller items).

E925-907 **10" Square or Round 2 Layer Cake Decorated** (layers maybe different sizes) using buttercream and royal frosting and sugar molds, or gum paste. Include a card stating type of frosting and where used, and whether sugar molds or gum paste.

E925-908 **A Two Layer Cake**, (layers may be different sizes) round or square, 8" or 9", using fondant to create floral, cut-out shapes or completely covering the cake. Fondant recipe or source **MUST** be stated on cake board. Other tips are optional.

NOVELTY CAKE

1. Please Note: To enter a novelty cake, 4-H'er must also enter a single layer cake in a Unit. Cookies and cupcakes do not meet the Unit cake requirement.
2. Everything must be edible on a novelty cake.

UNIT I, II or III NOVELTY CAKE

E925-909 **Cake Baked in Novelty Pan** and decorated with butter cream frosting using at least 3 tips or techniques.

E925-910 **Cut-Up Cake Made into a Novelty Pattern** decorated with butter cream frosting using at least 3 tips or techniques. (Cake pans used and a sketch **MUST** be included)

E925-911 **Cake Baked in Novelty Pan or Cut-Up Cake Made into a Novelty Pattern Decorated Using Fondant**. Must also use one of the following in the decorating: royal frosting, buttercream frosting or gum paste.

UNIT IV or V NOVELTY CAKE

E925-912 **Cake Baked in Novelty Pan** and decorated with butter cream frosting using at least 3 tips or techniques. Include royal frosting or sugar molds.

E925-913 **Cut-Up Cake Made into a Novelty Pattern** decorated with butter cream frosting using at least 3 tips or techniques. (Cake pans used and a sketch **MUST** be included on cake board.)

E925-914 **Cake Baked in Novelty Pan or Cut-Up Cake Made into a Novelty Pattern Decorated Using Fondant**. Must also use one of the following in the decorating: royal frosting, buttercream frosting or gum paste.

DECORATED COOKIE/ CUPCAKE/ MINT

E925-915 **Decorated Cookies** (4 on a plate)

E925-916 **Decorated Cupcakes** (4 on a plate)

E925-917 **Mints** - Any flavor - attach recipe. (12 on a plate)

E925-918 **Other Decorated Cookies** (4 on a plate)

E925-919 **Other Decorated Cupcakes** (4 on a plate)

SAFETY

*E440-001 **First Aid Kit** A first aid kit is a good way to organize supplies in an emergency. The kit should be assembled in a container appropriate for the kits intended use. A description of where the kit will be stored and examples of specific emergencies for that situation should be included in the exhibit. The kit should include a written inventory and purpose statement for included items. Items should cover the following areas: airway and breathing, bleeding control, burn treatment, infectious disease protection, fracture care and miscellaneous supplies. Use Citizen Safety manual, 4H 425, pages 6 & 7.

Kits containing any of the following will be automatically disqualified:

- Prescription medications. (If the kit's purpose is to provide medication for someone with special needs, explain in the written description and inventory, but remove the medication).
- Materials with expiration dates on or before the judging date. (This includes sterile items, non-prescription medications, ointments, salves, etc. Articles dated month and year only are considered expired on the last day of that month).
- Any controlled substance.

*E440-002 **Disaster Kits** Disaster kit must contain the materials to prepare a person or family for emergency conditions caused by a natural or man-made incident. Selection of materials is left to the exhibitor. Family or group kits must have enough material or items for each person. A description of the kit's purpose, the number of people supported, and a list of contents is required. Youth are encouraged to test their kit by challenging their family to try to survive using only the included materials for the designated time. If tested, share that experience in kit documentation. Please include an explanation of water needs for your disaster kit. Do not bring actual water to the fair in the kit.

*E440-003 **Safety Scrapbook** The scrapbook must contain 15 news articles from print and/or internet sources about various incident types. Mount each clipping on a separate page and accompanied by a description of events leading to the incident and any measures that might have prevented it. The scrapbook should be bound in a standard size hardcover binder or notebook for 8 1/2" x 11" size paper. Correct sentence structure, readability and thorough explanations are an important part of judging.

*E440-004 **Safety Experience** The exhibit should share a learning experience the youth had related to safety. Examples could be participating in a first aid or first responder training, a farm safety day camp, babysitting workshop or similar event; scientific experiment related to safety; or the youth's response to an emergency situation. The exhibit should include a detailed description of the experience, the youth's role, some evidence of the youth's leadership in the situation and a summary of the learning that took place. Exhibits may be presented in a poster with supplemental documentation, a notebook including up to ten pages of narrative and pictures or a multimedia presentation on a CD lasting up to five minutes.

*E440-005 **Careers in Safety** The exhibit should identify a specific career area in the safety field and include education and certification requirements for available positions, salary information, demand for the field and a summary of the

youth's interest in the field. Examples of careers include firefighters, paramedics, emergency management personnel, some military assignments, law enforcement officers, emergency room medical personnel, fire investigator and more. It is recommended youth interview a professional in the field in their research. Additions research sources might include books, articles, career web sites, job-related government web sites or interviews with career placement or guidance counselors. Exhibits may be presented in a poster with supplemental documentation, a notebook including up to ten pages of narrative and pictures, or a multimedia presentation on a CD lasting up to five minutes.

FIRE SAFETY

*E450-001 **Fire Safety Poster** This is a home floor plan drawn to scale showing primary and secondary escape routes and where fire extinguishers and smoke detectors are located. Draw every room, including all doors and windows. Use **black** or **blue** arrows showing **primary** escape routes from each room. Use **red** arrows showing **secondary** routes to use if the primary routes are blocked. Primary and secondary escape routes must lead outside to an assembly location. Documentation should include evidence the escape plan has been practiced at least four times. Posters must be constructed of commercial poster board at least 11"x14" but not larger than 22"x28"

*E450-002 **Fire Safety Scrapbook** This scrapbook must contain 10 news articles from print and/or internet sources about fires to residential or commercial properties or landscapes. Mount each clipping on a separate page accompanied by a description of events leading to the incident and any measures that might have prevented it. The scrapbook should be bound in a standard hard cover binder or notebook for 8 1/2" x 11" size paper. Correct sentence structure, readability and thorough explanations are an important part of judging.

*E450-003 **Fire Prevention Poster** Posters should promote a fire prevention message and be appropriate to display during National Fire Prevention Week or to promote fire safety at specific times of the year (holiday celebrations.) Originality, clarity, and artistic impression will all be judged. Do not include live fireworks, matches or other flammable/explosive/hazardous materials. Any entry containing this material will be disqualified. Posters must be constructed of commercial poster board at least 11"x14" but not larger than 22"x28".

LEADERSHIP, CITIZENSHIP & PERSONAL DEVELOPMENT

1. The purpose of these citizenship exhibits is to foster civic responsibility and action within the diverse areas of citizenship including community service, service learning, government and policy making. One exhibit per class.
2. **Project materials:** The official reference for the citizenship projects is Citizenship Public Adventures Kit (MI 7329) and Citizen Guide's Handbook (BU 7330). Other helpful citizenship references include Citizenship Washington Focus guides, Character Counts! and Service-Learning Information.
3. All entries must have a statement explaining the purpose of the exhibit.
4. Exhibitors are encouraged to show evidence of their personal experiences, study or observations that relate to their exhibit. This helps the judges understand what the 4-H'er did and learned in the process that led to the exhibit.
5. **References:** All exhibitors should reference material sources or supporting information used in exhibits (i.e., if questions from a game were taken from an outside source, they must be referenced).
6. **Identification:** All exhibits should be labeled with exhibitor's name, club, and county.
7. Displays should not be larger than 22" x 28" wide. If the size needs to be a different size because the item is larger than 22" x 28", please contact the office for approval. Display collections securely in an attractive container no larger than 22" x 28".

CITIZENSHIP

- *A120-001 **Care Package Display** – This exhibit is a display about the PROCESS of creating and giving a care package, not the actual care package. You may use a poster, Power Point, or another multi-media program to talk about the PROCESS of developing and giving a care package to a service organization. PowerPoint should be saved to a USB/thumb drive. You need to answer the following questions in your exhibit: How did you select the organization? What items did you include in your care package? Why did you select those items? How did it feel to present your care pack to the organization? What did you learn from this experience? Other information that you feel is important about the care package or organization. Some examples of care packages are: Backpack for school supplies, litter pan for animal shelter items, suitcase for abuse shelter or homeless shelter, etc.
- *A120-002 **Citizenship Game** which could include but is not limited to symbol flash cards, question and

answer board or simulation with props. Clear instructions on how to play the game and what the game hopes to accomplish must be included.

- *A120-003 **Patriotic or Cultural Fine Arts** - Can be made of any art media but should tie in the relevance of the artwork to citizenship.
- *A120-004 **Public Adventure Scrapbook** - Should describe your Public Adventure or Service-Learning Activity. Scrapbooks must measure no more than 16" x 16".
- *A120-005 **Public Adventure Poster** - Should describe your Public Adventure or Service-Learning Activity. Display posters must be stiff enough to stand when supported from behind and below. Length and width must be no more than 24" x 28".
- *A120-006 **Written or Recorded Stakeholder Interview** – Should follow the outline found in the Public Adventures Curriculum. It may be written or recorded. Recordings should be saved as a .wav or .mp3 file; a USB/thumb drive will be accepted.
- *A120-007 **Written Citizenship Essay** is designed to promote good citizenship and patriotism. This essay is open to all age groups. All essays should be 300 – 400 typewritten words.
- *A120-008 **Oral Citizenship Essay – for 9th - 12th graders only.** Essay addressing the theme: "Freedom's Obligations" should be 3 - 5 minutes. No background music, singing or other enhancement allowed. All essays should be saved as a .wav or mp3 file; a USB/thumb drive will be accepted. Voice tone should be normal and conversational. A copy of the written essay should be attached.
- *A120-009 **Service Items** - can include but are not limited to lap quilt, Quilt of Valor, and homemade toys. Only nonperishable items will be accepted. Attached to the exhibit should be an explanation of who the recipient was and how the service project was made and used. The service item could be part of a larger community service effort.
- *A120-010 **4-H Club Exhibit** - Should depict what a 4-H club has done in the area of community service. This item could include, but is not limited to, a service item, poster, scrapbook, cultural or creative arts item or care package, Quilt of Valor.

SEEING i2i: Adventures in Diversity and Cultural Awareness Curriculum

- *A130-001 **Cultural Fine Arts** – can be made of any art media but should symbolize what makes them unique.
- *A130-002 **How are We Different?** Interview should follow the interview guide in the participant manual on page 3 and should reflect on the

differences and similarities between you and the person you are interviewing.

- *A130-003 **Name Art** – Should be a creative art exhibit that symbolizes or explains where your name came from and what it means. Can use any media.
- *A130-004 **Family History** – Depicting your family cultural history or the ethnic makeup of your community noting who were the first settlers, where did they come from, is there evidence of the background today (local celebrations, family celebrations, museum or educational displays, historical markers etc.)
- *A130-005 **Exhibit Depicting a Cultural Food that is Special to your Family** – Can be a story or essay.
- *A130-006 **Poem** – “This is Who I Am”
- *A130-007 **Poster** – Depicting what you have learned through the i2i Project.
- *A130-008 **Biography** – About a historical figure who has made a positive impact on our society or who has made a difference in the lives of others.
- *A130-009 **Play Script** – Written about a different culture.

LEADERSHIP

LEADERSHIP UNIT 1, 2 AND 3

1. 4-H'ers will develop exhibits that show what they have learned.
2. The exhibit may include but is not limited to: Posters, 14 inches by 22 inches; notebooks, 8 ½ inches by 11 inches; PowerPoint with copy of slides; scrapbook, any size; or any other means that would best show skills learned in the project to accomplish exhibit.
3. Leadership manuals include My Leadership Workbook for grades 3-5, My Leadership Journal for grades 6-8; and My Leadership Portfolio for grades 9-12.
4. All leadership exhibits are county only exhibits and are not eligible for State Fair.

A140-901 **My Treasure Chest** – Develop an exhibit that shows your skills as a leader and/or skills that you would like to achieve to become a better leader. Exhibit could be a poster or collage of skills.

A140-902 **Leader Essay** – Write a 1–2-page essay that identifies a local, regional, state, or national leader; discuss their strengths and weaknesses as a leader and leadership characteristics.

A140-903 **Plan a Vacation** – Follow guidelines from My Leadership Workbook on Step Out and Step Inward Activities to help you develop a vacation timeline to depict what needs to be completed to have a successful vacation. Exhibit could be a poster, notebook or calendar with steps listed and dated.

A140-904 **Goal Setting** – Write three goals that you want to achieve. When writing your goals

consider what actions you must take to reach these goals, how you are going to do it and when you are going to do it. Make sure your three goals include all three parts. Clearly defined goals make it easier to determine how to achieve the desired results. (Examples: “I want people to like me” is unclear. “I want to make three new 4-H friends this year” is clear.)

A140-905 **Interview a Leader** – Interview a leader or a person close to you. What is very important to them? Explain an activity or event they enjoy. Why is it important? Who is important to them, and why? What leadership characteristics do they possess? What are their strengths and weaknesses as a leader? What would they like to improve? How will what you have learned through this interview change your future plans or way of thinking about leaders? What can you apply to your own life and how? Exhibit should include the questions asked and the responses. Examples could be as a recording or in a written format.

A140-906 **Career Essay** – Choose a career and job shadow in that career. Write a 1–2-page essay to share your experience and what you learned. What type of leadership skills did this person utilize in their position? What goals will you set because of this experience?

A140-907 **Decisions, Decisions, Decisions** – Explore an issue and develop recommendations on how you should respond to the issue. Example could include homelessness, school violence, community improvement or any other topic facing youth today.

A140-908 **Youth Leadership Experience** – Share what you have learned while participating in a youth leadership role through photos and narrative. May cover a single event or ongoing experience.

A140-909 **Educational Display or Poster about Leadership.**

ENTREPRENEURSHIP

ESI: ENTREPRENEURSHIP INVESTIGATION

1. The 4-H member's name, age, town, and county must be listed on the back of the exhibit.
2. Entry cards should be stapled or taped to the upper right-hand corner of posters.
3. If exhibit is a poster, it must be 14" x 22" and may be arranged either horizontally or vertically. Poster may not use copyrighted materials, such as cartoon characters or commercial product names.
4. Exhibits which do not conform to size or content guidelines will be lowered one ribbon placing.
5. Posters may include photographs, charts, or examples as well as a written explanation.

ESI UNIT 1 DISCOVER THE E-SCENE

*F531-001 Interview an Entrepreneur

Share what you learned from the person about having an entrepreneurial mindset. How have they applied that mindset? Have they started a business? Are they tackling a social issue? How do they deliver excellent customer service? How will what you have learned through this interview change your future plans or ways of thinking about entrepreneurship? The summary of the interview should be typed and with a maximum length of two pages (12 pt. font). Enter exhibit in a folder with fasteners (no slide bars).

ESI UNIT 2 THE CASE OF ME

*F531-002 Social Entrepreneurship Presentation

Prepare a five-slide power point presentation about a social entrepreneurship venture to benefit a group or individual in your community. Social entrepreneurs are people who are in business to help others. Submit a printout of the note pages which show each slide and include an explanation of each slide. Enter exhibit in a folder with fasteners (no slide bars).

ESI UNIT 3 YOUR BUSINESS INSPECTION

*F531-003 **Marketing Package** (mounted on a 14" x 22" poster) must include at least three items (examples) developed by the 4-H'er from the following list: business card, brochure, advertisement, business promotional piece, printout of an internet home page, packaging design, signs, logo design, direct mail piece, etc. The marketing package should be for an original business developed by the 4-H'er and not an existing business.

*F531-004 **Sample of an Original Product** If exhibiting in both Class F531-004 and F31-005, products must be entirely different. With an information sheet (8 1/2" x 11") answering the following questions

- What did you enjoy the most about making the product?
- What challenges did you have making the product? Would you do anything differently next time? If so, what?
- What is the suggested retail price of the product? How did you decide on the price?
- Market analysis of the community - data gathered through a survey of potential customers. Survey at least 10 people in your community about your product.
- How much would you earn per hour? Show how you determined this figure.
- What is unique about this product?

*F531-005 **Photos of an Original Product** If exhibiting in both Class F531-004 and F31-005, products must be entirely different. Mounted on a 14" x 22" poster, must include three photos of developed product and a mounted information sheet answering the following questions:

- What do you enjoy most about making the product?
- What challenges did you have when making the product? Would you do anything differently next time? If so, what?
- What is the suggested retail price of the product? How did you decide on this price?
- Market analysis of the community through data gathered from a survey of at least 10 potential customers.
- How much would you earn per hour? Show how you determined this figure.
- What is unique about this product?

ENTREPRENEURSHIP – ALL UNITS

*F531-006 **Entrepreneurship Challenge** – Take on the entrepreneurship challenge. Entrepreneurship Challenge is open to 4-H'ers enrolled in any of the three units of ESI. Complete (5) or more of the challenges from the following list. The exhibit will include highlights from these five (5) challenges. Consider labeling each challenge so the viewer will understand what the challenge was. Enter a poster, video (or other digital presentation), report, or scrapbook related to the learning from the challenge. Use your creativity to show and share what you learned.

Select your five (5) challenges from the list below:

- Sell something.
- Talk to local leaders about entrepreneurial thinking and how it is being applied or could be applied to a current community issue.
- Introduce yourself to a local entrepreneur and take a selfie with them.
- Be a detective! Look for Nebraska-made products and find out more about the business.
- Tour 2-3 entrepreneurial businesses and create a photo story.
- Investigate what it takes to be an entrepreneur and complete a skills assessment.
- Make a prototype (sample/model) of a new product idea. (Include the prototype or a photo of prototype).
- Work with a friend to develop a new business idea!
- Contact your local Extension Office to learn about entrepreneurship opportunities.
- Create an activity to teach others about entrepreneurship (coloring page, puzzle, game, etc).

PLANT SCIENCE

AGRONOMY

1. The purpose of these exhibits is to demonstrate to the public the benefits from the study and application of crop, weed, range and soil sciences to solving problems in management, conservation, sustainability, and environmental protection.

FIELD CROPS

1. Individuals in the Crop Production, Field Crops projects may exhibit grain or plants or prepare an educational display representing their projects.
2. **Important:** A completed Crop Production Worksheet (available at: <https://cropwatch.unl.edu/Youth/Documents/Crop%20Production%20Project%20Worksheet%20Final.pdf>) must accompany grain and plant exhibits or it will automatically be deducted one ribbon placing. The worksheet must include the exhibitor's name, county, plant hybrid or variety, plant population, whether crop production was irrigated or dryland and general information including farm cropping history, soil type and weather effects. The **worksheet** also must include an economic analysis of the project, listing individual expenses and income, on a per acre basis. Other topics to discuss are the selection of variety or hybrid, impacts of tillage and conservation practices, inputs (fuel, fertilizer, irrigation, labor, pesticides, etc.), any observations made during the growing season, and what you learned from your crops project. The worksheet counts as 50% of the total when judged. Worksheet must be the original work of the individual exhibitor, or it will be deducted one ribbon placing. Attach the worksheet to the entry in a clear plastic cover such that it can be read without removing it from the cover. In addition to the worksheet, grain and plant exhibits will be judged on condition, appearance (i.e., disease and insect damage, grain fill), uniformity (size, shape, color, maturity), and quality of exhibit. Refer to scoresheet SF264.
3. **Grain exhibits** must be one gallon per sample. Grain exhibits harvested in the fall (e.g., corn or soybeans) may be from the previous year's project.
4. **Plant exhibits** - except for ears of corn, must be the result of the current year's project. **Corn** 10 ears or 3 stalks (cut at ground level with no soil and bound together); **Grain Sorghum** - 4 stalks (cut at ground level and bound together); **Soybeans** - 6 stalks (cut at ground level and bound together); **Small grains** (oats, barley, wheat, triticale) - sheaf of heads 2 inches in diameter at top tie with stems about 24" long.

Other crops (alfalfa, millet, etc.) - sheaf of stems 3 inches in diameter at top tied with stems cut at ground level or half size small square bale. All plant exhibits, except for ears of corn, must be the result of the current year's project.

5. **Displays** - The purpose of the display is to tell an educational story to those that view the display. The display is a visual representation (pictures, charts, graph) no larger than 28" wide by 28" tall on plywood or poster board. The display should be neatly titled.
 6. **Special Agronomy Project** - Youth experience a crop that is grown, was grown or has the potential to be grown in Nebraska by growing it, researching traits of that crop and determine viability of that crop in the part of the state they live. Each year seeds will be mailed to extension offices or aged classrooms across the state, as ordered by that location. Offices will distribute to youth on a first, come – first serve basis. A different seed will be selected every year. Youth will grow seeds in their garden or pots. Written resources materials will be available for youth, in addition to virtual, live, or recorded videos/field trips.
 7. Make sure to label display with exhibitor's name, and county on back side.
 8. Explain pictures and graphs clearly and concisely. Consider creativity and neatness.
 9. Each display must have a one-page essay (minimum) explaining why the exhibitor chose the area of display and what they learned from their project. Include any references used. The essay should be in a clear plastic cover with the exhibitor's name outside. If a display does not have an essay, it will automatically be deducted one ribbon placing.
- *G750-001 **Corn** (includes yellow, white, pop, waxy or any other type).
- *G750-002 **Soybeans**
- *G750-003 **Oats**
- *G750-004 **Wheat**
- *G750-005 **Any Other Crop** (includes grain sorghum, alfalfa, millets, barley, rye, triticale, amaranth, dry beans, sugar beet, mung bean, canola, forage sorghum, safflower, etc.)
- *G750-006 **Crop Production Display** – The purpose of this class is to allow original and creative exhibits that contain educational information about crop production aspects such as crop scouting, alternative crops, pest management, etc.
- *G750-007 **Crop Technology Display** - Display information about aspects of technology used in crop production, such as genetic engineering, crop breeding, GPS, yield mapping, computers, etc.
- *G750-008 **Crop End Use Display** - Display information about the final product or end uses for a crop including examples of products. (i.e., corn can

be processed into livestock feed, ethanol, plastics, etc. or soybeans can be processed into biodiesel, pet bedding, crayons, oil, etc. This should not be about the process of crop production but focus on the end product(s).

*G750-009 **Water or Soil Display** - Display information about water or soils, such as how soils are being used for crop production, range, conservation, wildlife, or wetland use, or ways to protect or conserve water and soil resources.

*G750-010 **Career Interview Display** – the purpose of this class is to allow youth to investigate a career in agronomy. Youth should interview 1 person that works with crops about such topics as, what parts of their job do they enjoy or dislike, why did they choose that career, what was their education, etc. Include a picture of the person interviewed.

*G750011 - **Special Agronomy Project - Educational Exhibit** - Educational exhibit based on what was learned from the project. Present information on a poster 14" X 22" either vertical or horizontal arrangement or in a clear plastic report cover. The 4-H member's name, age, and county must be on the back of the poster or report cover. Each display must have a one-page essay (minimum) explaining why the exhibitor chose the area of display and what they learned from their project. Include any references used.

*G750012 **Special Agronomy Project - Video Presentation** - 4-H exhibitor designs a multimedia presentation related to the crop. This could include narration of the growing process, presenting facts about the crop or any other innovative multimedia practices. The presentation should be at least 2 minutes in length and no more than 5 minutes in length, appropriate graphics, sound and either a video clip, animation, or voice over and/or original video clip. Any of the following file formats will be accepted: mp4, .mov, .ppt, or .avi.

*G750013 **Special Agronomy Project Freshly Harvested Crop** Plant exhibits must be the result of the current year's project. Depending on the type of crop selected for the current year:

- Corn - 10 ears or 3 stalks (cut at ground level with no roots or soil and bound together)
- Grain Sorghum - 4 stalks (cut at ground level and bound together)
- Soybeans - 6 stalks (cut at ground level and bound together)
- Small grains (oats, barley, wheat, triticale) - sheaf of heads 2 inches in diameter at top tie with stems about 24" long.
- Other crops (alfalfa, millet, etc.) - sheaf of stems 3 inches in diameter at top tied with stems cut at ground level.

Supporting documentation (½ to 1-page in length) should include the following: Economic Analysis

and/or research that supports feasibility of this crop in Nebraska or how the crop has evolved over time. Other topics to discuss are past/current commercial production of this crop. This includes: the selection of variety or hybrid, impacts of tillage and conservation practices, inputs (fuel, fertilizer, irrigation, labor, pesticides, etc.), any observations made during the growing season about this crop and what you learned from your crops project. This ½ to 1-page summary counts as 50% of the total when judged. In addition to the summary, grain and plant exhibits will be judged on condition, appearance (i.e., disease and insect damage, grain fill), uniformity (size, shape, color, maturity), and quality of exhibit.

WEED SCIENCE

1. Any individual in the Conservation, Environment 1, 2, or 3, Range, Reading the Range 1 or Using Nebraska Range 2, or Crop Production, Field Crops projects may exhibit a weed book or weed display.
2. At least 15 of the specimens must represent this year's work. For assistance identifying plants, participants can use the [Nebraska Department of Agriculture's Weeds of Nebraska and the Great Plains](#) (1994) or [Weeds of the Great Plains](#) (2003).
3. Exhibits will be judged based on completeness of plant mount, accuracy of identification, label, neatness, and conformity to exhibit requirements
4. **BOOKS:** Plants must be mounted on sheets that are 14" wide by 14" high. Proper plant mount should include root as well as stem and leaf tissue. Plants should be glued rather than taped and the mounts should be protected with a clear cover. Each completed mount must have the following information: (see example below) in the lower right corner of the mounting sheet.
 - Scientific name (in italic or underlined) with authority,
 - Common name,
 - County of collection,
 - Collection date,
 - Collector's name,
 - Personal collection number indicating the order that plants were collected, in your personal collection.
 - Other information depending on class selected i.e., noxious, life form. This information should be typed or printed neatly.

Scientific name: *Abutilon theophrasti* Medik

Common name: Velvetleaf

County of collection: Lincoln County

Collection date: 6 July 2016

Collector's name: Dan D. Lion

Personal collection number: 3

Life Cycle: Annual

5. **DISPLAYS:** The purpose of the display is to tell an educational story to those that view the display. The display is a visual representation (pictures, charts, graphs) no larger than 28" x 28" on plywood or poster board. The display should be neatly titled. Make sure to label display with exhibitor's name and county on back side. Explain pictures and graphs clearly and concisely. Each display must have a one-page essay explaining why the exhibitor chose the area of display and what they learned from their project. Include any references used. The essay should be in a clear plastic cover with the exhibitor's name outside.

*G751-001 **Weed Identification Book** – A collection of a minimum of 15 plant mounts including at least two of the following prohibited noxious weeds (Canada thistle, musk thistle, plumeless thistle, salt cedar, leafy spurge, purple loosestrife, diffuse knapweed, spotted knapweed, Japanese knotweed, bohemian knotweed or phragmites), and at least three weeds that are a problem primarily in lawns.

*G751-002 **Life Span Book** -a collection of 7 perennials, 1 biennial, and 7 annual weeds.

*G751-003 **Weed Display** – the purpose of this class is to allow original and creative exhibits that contain educational information about weeds, such as interesting information about a weed species, the effects of weed control, herbicide resistant weeds, what makes a weed a weed, or uses for weeds.

RANGE MANAGEMENT

1. The purpose of this category is to help 4-Her's identify and collect range plants. In addition, participants will learn the basics of range management, and Nebraska's range.
2. Through the creation of range boards 4-Her's will become more proficient in knowledge of Nebraska's range.
3. Each exhibit must be properly identified with Unit and Class. All plant displays and display covers must be the result of the current year's work.
4. Plant identification and lists of appropriate plants in each category (grasses, forbs, shrubs, and grass-like plants) can be found in the Range Judging Handbook and Contest Guide (EC150, Revised July 2016), Common Grasses of Nebraska (EC170) and Common Forbs and Shrubs of Nebraska (EC118).
5. The purpose of these exhibits is to demonstrate to the public the benefits from the study and application of crop, weed, range and soil sciences to solving problems in management, conservation, sustainability, and environmental protection.
6. **Books (Classes 1-6)** For books, plants must be mounted on sheets that are no larger than 14" wide by 14" high. Plants should be glued rather than taped and the mounts should be protected

with a clear cover. Proper plant mount should include root, as well as stem and leaf tissue. Exhibits will be judged based on completeness of plant mount, accuracy of identification, labeling, neatness, and conformation to project requirements. Each completed mount must have the following information (see example below) in the lower right corner of the mounting sheet:

- Scientific Name (in italic or underlined), with authority,
 - Common name,
 - County of collection,
 - Collection date,
 - Collector's name,
 - Personal collection number, indicating order that plants were collected in your personal collection.
 - Other information depending on class selected, i.e., value and importance, life span, growth season, origin, major types of range plants. This information should be typed or printed neatly.
- Example:

Scientific name: *Schizachyrium scoparium* (Michx.) Nash
 Common name: little bluestem
 County of collection: Lincoln County
 Collection date: 6 August 2017
 Collector's name: Joe Smith
 Personal collection number: 3
 Value and Importance: Livestock Forage: High, Wildlife
 Habitat: High, Wildlife Food: Medium OR Life Span: Perennial
 OR Season of Growth: Warm Season OR Origin: Native

7. **Displays (Class 7):** The purpose of the display is to tell an educational story to those that view the display. The display is a visual representation (pictures, charts, graphs) no larger than 28" by 28" on plywood or poster board. The display should be neatly titled. Make sure to label display with exhibitor's name, address, and county on back side.
8. **Boards (Classes 8-9):** Boards should be should no larger than 30" wide by 36" tall. Boards should be adequately labeled.
9. **Resources:**
 - **Reading the Range Learn** the names of range plants; Identify and collect range plants: Explore the basics of range management.
 - **Using Nebraska Range Study** Nebraska's grassland heritage; Understand plant vigor and the effects of grazing; Identify range sites; Calculate range conditions; Understand stocking rates.
 - **Weed Science Learn** the names of range plants; Identify and collect range plants; Explore the basics of range management.

*D330-001 **Value and Importance for Livestock Forage and Wildlife Habitat and Food Book** – A collection of 12 different plants with 4

classified as high value, 4 as medium value and 4 as low value for livestock forage, wildlife habitat, or wildlife food. Value and importance classifications can be found in the Range Judging Handbook and Contest Guide (EC150, revised July 2016) starting on page 42. Plants can consist of any combination of grasses, grass-like plants, forbs, or shrubs. Assemble plant mounts in order of high, medium, and low value and importance. Label each plant mount with its value and importance classification for each of the three areas: Livestock Forage, Wildlife Habitat, Wildlife Food.

- *D330-002 **Life Span Book** - A collection of 6 perennial plant mounts and 6 annual plant mounts selected from grasses or forbs.
- *D330-003 **Growth Season Book** - A collection of 6 cool-season grass mounts and 6 warm-season grass mounts.
- *D330-004 **Origin Book** - A collection of plant mounts of 6 native range grasses and 6 introduced grasses. Introduced grasses are not from North America and often used to seed pastures.
- *D330-005 **Major Types of Range Plants Book** - A collection of plant mounts of 3 grasses, 3 forbs, 3 grass-like and 3 shrubs.
- *D330-006 **Range Plant Collection Book** – A collection of 12 range plant mounts with something in common (i.e., poisonous to cattle, or historically used as food by Native Americans, or dye plants, or favorite antelope forage, etc.) Include a short paragraph in the front of the book which describes what the plants have in common and why you have chosen to collect them.
- *D330-007 **Parts of a Range Plant Poster** – Mount a range plant on a poster board. Label all the plant parts. Include the plant label in the lower right corner, including the scientific and common name of the plant. Put your name and 4-H county on the back of the poster.
- *D330-008 **Special Study Board** – A display of the results of a clipping study, a degree of use study, range site study, etc. A short essay must accompany the display to explain the reason for the study, what was learned, and study results. This should be placed in a sheet cover attached to the board.
- *D330-009 **Junior Rancher Board** – This exhibit should include a ranch map with a record book or an appropriate educational display on some phase of rangeland or livestock management. A short essay must accompany the display to explain the purpose of the rancher board, what was learned, etc.

RANGE JUDGING AND ID CONTEST

- F532- 908 **Senior Range Judging**
- F532- 909 **Intermediate Range Judging**
- F532- 910 **Junior Range Judging**

HORTICULTURE

FLORICULTURE

1. Youth must be enrolled in the World of Flowers and/or Annual Flowers projects to exhibit a maximum of four (4) entries per person in Classes 1-45 (cut flowers) and 50-53 (educational exhibits).
2. Exhibitors are limited to one exhibit per class number.
3. Entries must be the work of the 4-H member.
4. The cultivar or variety name must be included on all entry cards. Failure to identify the cultivar or variety will drop the entry one ribbon placing. Proper identification is the responsibility of the exhibitor not the Extension staff, office personnel or fair superintendents.
5. For Floriculture, punch hole in the top center of entry tag, use a rubber band and securely attach entry tag to containers.
6. Exhibits entered under an incorrect class number or containing an incorrect number of stems will be dropped one ribbon placing.
7. In classes 23, 45 & 46, do not duplicate entries with the classes listed by using other cultivars or variety, or entry will be dropped one ribbon placing. For example: 4-Hers with two cultivars or varieties of marigolds can only enter the marigold class and cannot enter the other cultivar or variety in any other class.
8. A perennial is defined as a plant of which the crown overwinters. An annual is a plant that grows from seed each season, whether self-seeded or planted by the gardener. A biennial is a plant that germinates, grows, and overwinters as a crown, blooms the following year, and dies. Foliage will be considered when exhibit is judged.
8. All 3 or 5 stems of cut flowers should be the same cultivar and color, do not mix cultivars and colors. Containers will not be judged; however, they should be CLEAR GLASS CONTAINERS that will not tip over and of adequate size to display blooms.
9. Follow the guidelines in 4-H "Preparing Cut Flowers for Exhibits" 4H227 (revised 2016)

CUT FLOWER ANNUAL AND BIENNIAL - 5

stems of a single variety (cultivar) unless otherwise noted in parenthesis.

- *G770-001 **Aster**
- *G770-002 **Bachelor Buttons**
- *G770-003 **Bells of Ireland**
- *G770-004 **Browallia**
- *G770-005 **Calendula**
- *G770-006 **Celosia** (crested or plume) 3 stems
- *G770-007 **Cosmos**
- *G770-008 **Dahlia**
- *G770-009 **Dianthus**
- *G770-010 **Foxglove**
- *G770-011 **Gladiolus** (3 stems)
- *G770-012 **Gomphrena**

- *G770-013 **Hollyhock** (3 stems)
- *G770-014 **Marigold**
- *G770-015 **Pansy**
- *G770-016 **Petunia**
- *G770-017 **Salvia**
- *G770-018 **Snapdragon**
- *G770-019 **Statice**
- *G770-020 **Sunflower** (under 3" diameter - 5 stems; 3" or more in diameter - 3 stems)
- *G770-021 **Vinca**
- *G770-022 **Zinnia**
- *G770-023 **Any other** annual or biennial (under 3" diameter – 5 stems; 3" or more in diameter - 3 stems) (do not duplicate entries in classes 1-22)

CUT FLOWER PERENNIALS - 5 stems of a single variety (cultivar) unless otherwise noted in parenthesis.

- *G770-030 **Achillea/Yarrow**
- *G770-031 **Chrysanthemum**
- *G770-032 **Coneflower**
- *G770-033 **Coreopsis**
- *G770-034 **Daisy**
- *G770-035 **Gaillardia**
- *G770-036 **Helianthus**
- *G770-037 **Hydrangea** (3 stems)
- *G770-038 **Liatris** (3 stems)
- *G770-039 **Lilies** (3 stems) (Not Daylilies)
- *G770-040 **Platycodon**
- *G770-041 **Rose** (3 stems)
- *G770-042 **Rudbeckia/Black-eyed Susan**
- *G770-043 **Sedum**
- *G770-044 **Statice**
- *G770-045 **Any other** perennial (Under 3" diameter-5 stems; 3" or more in diameter-3 stems) (do not duplicate entries in classes 30-44)
- *G770-046 **4-H Flower Garden Collection** of 5 different cut flowers. Flowers are to be cut not potted. Each flower in the collection should be exhibited with the number specified for classes 1-45. Display in a box or other holder not more than 18" in any dimension. Do not duplicate entries in Classes 1-45 with any in the group collection.

EDUCATIONAL EXHIBITS

- *G770-050 **Flower Notebook** - Exhibit a notebook containing pictures of flowers grown in Nebraska. There must be at least 10 different species of annuals and/or biennials and 10 different species of perennials hardy to Nebraska. Bulbs may be included in a separate section. 4-H'ers may show more than one cultivar of the same species, but they will only count as one species. The notebook must be the result of the current year's work. Pictures from garden catalogs, hand drawn pictures, or photographs may be used. Each species/cultivar must be labeled with the correct common name and scientific name; the height

and spread of the plant and the growing conditions (for example needs full sun and dry sandy soil) the species prefers. In addition to this information, bulbs should also be labeled as spring or summer flowering. Give proper credit by listing the sources of pictures and information used. The 4-H member's name, age, county, and years in the project(s) must be on the back of the notebook.

- *G770-051 **Flower Garden Promotion Poster** - Individual poster promoting flower gardening, size 14" x 22" either vertical or horizontal arrangement. Poster may be in any medium: watercolor, ink, crayon, etc. as long as it is not 3-dimensional. Posters using copyrighted material will not be accepted. Entry card must be stapled to the upper right-hand corner. The 4-H member's name, age, county, and years in the project must be on the back of the poster.
- *G770-052 **Educational Flower Garden Poster** - prepare a poster 14" x 22" x 2" (3-dimensional if needed) either vertical or horizontal arrangement illustrating a skill or project you have done or learned about in a 4-H flowers or houseplant project. One might show a special technique used or equipment incorporated in the garden. Refer to 4-H horticulture project manuals but use your own creativity. Entry card must be stapled to the upper right-hand corner. The 4-H member's name, age, county, and years in the project(s) must be on the back of the poster.
- *G770-053 **Flower Gardening History Interview** - neatly handwritten or typed account of a gardening history interview whose flower garden has inspired you. Maximum of 4 pages of text and 2 pages of pictures (include 1 picture of the person you interviewed) of their flower garden if the individual is still gardening. Protect with a clear report cover. The 4-H member's name, age, county, and years in the project(s) must be on the back of the report cover.

HOUSEPLANTS

1. Youth must be enrolled in the **Growing Great Houseplants** project to exhibit in classes 60-66.
2. Youth may enter a maximum of 3 entries in classes 50-66.
3. **Container Grown Houseplants** The choice of container and soil quality will be considered in judging.
4. Each houseplant must be identified by listing the names on the entry tag or on a card attached to the container.
5. Houseplants should be grown in the display container for a minimum of 6 weeks. Plants grown as houseplants must be used.
6. NebGuide G2205 "Guide to Growing Houseplants" (<http://extensionpublications.unl.edu/assets/html/g2205/build/g2205.htm>) and NebGuide G837

“Guide to Selecting Houseplants
(<http://extensionpubs.unl.edu/publication/9000016361731/guide-to-selecting-houseplants/>)
includes a listing of common houseplants.

7. Containers of annual flowers or annual plants (i.e., petunias, geraniums, impatiens) will be disqualified and will not be judged.
8. Entries in Classes 60-66 must have been designed and planted by the 4-H member.
9. Container grown houseplants shall be in pots no greater than 12" in diameter (inside opening measurement). Dish gardens, fairy or miniature gardens, desert gardens and terrariums may be up to 12" in diameter (inside opening measurement). Any container grown plant in Classes 60-66 that is greater than 12" in diameter (inside opening measurement) will be dropped one ribbon placing.
10. Classes 60-65 exhibitors must have and provide a saucer to catch drainage water.
11. The 4-H members name, age, county, and years in the project(s) must be on the bottom or back of the container and saucer.

*G770-060 **Flowering potted houseplant(s)** that are blooming for exhibition. Container may have 1 or more houseplants in container. Label with name for each plant. Non-blooming plants will be disqualified.

*G770-061 **Foliage potted houseplant** 1 variety of tropical or cacti or succulent plant. Label with name of plant.

*G770-062 **Hanging basket** of flowering and/or foliage houseplants. Container may have 1 or more houseplants in container. Label with name for each plant.

*G770-063 **Dish garden** - an open/shallow container featuring a variety of houseplants excluding cacti and succulents. Label with name for each plant.

*G770-064 **Fairy or Miniature Garden** – A miniature “scene” contained in an open container and featuring miniature or small, slow growing houseplants. The garden needs to have an imaginative theme and miniature accessories, i.e., bench, fence made from tiny twigs, small shell for a bathtub, etc. Label with name for each plant.

*G770-065 **Desert Garden** – an open/shallow container featuring cacti and/or succulents grown as houseplants. Label with name for each plant.

*G770-066 **Terrarium** - a transparent container, partially or completely enclosed; sealed or unsealed. Label with name for each plant.

G770-901 **Any other county only project.**

HORTICULTURE

1. Exhibitors are limited to one exhibit per class number.
2. Entries must be the work of the 4-H member.
3. The cultivar or variety name must be included on all entry cards. Failure to identify the cultivar or variety will drop the entry one ribbon placing. Proper identification is the responsibility of the exhibitor, not the Extension staff, office personnel or fair superintendents. Exhibits entered under an incorrect class number or containing an incorrect number of vegetables will be dropped one ribbon placing.
4. Follow the guidelines in “Selecting and Preparing Vegetables, Herbs and Fruits for Exhibit” 4H 226 (revised June 2013) Free download – <https://4h.unl.edu/4hcurriculum/preparingvegetablesandfruit/> when preparing entries for the fair. The numbers to exhibit are in parenthesis behind the class name.
5. In classes 252, 255, 268, 269, 285, 286 do not duplicate entries with the classes listed by using other cultivars or varieties or entry will be dropped one ribbon placing. For example: 4-Hers with two cultivars or varieties of red tomatoes can only enter the red tomatoes class and cannot enter the other cultivar or variety in any other vegetable class.

VEGETABLES

- *G773-201 **Lima Beans** (12)
- *G773-202 **Snap Beans** (12)
- *G773-203 **Wax Beans** (12)
- *G773-204 **Beets** (5)
- *G773-205 **Broccoli** (2)
- *G773-206 **Brussels Sprouts** (12)
- *G773-207 **Green Cabbage** (2)
- *G773-208 **Red Cabbage** (2)
- *G773-209 **Carrots** (5)
- *G773-210 **Cauliflower** (2)
- *G773-211 **Slicing Cucumbers** (2)
- *G773-212 **Pickling Cucumbers** (5)
- *G773-213 **Eggplant** (2)
- *G773-214 **Kohlrabi** (5)
- *G773-215 **Muskmelon/Cantaloupe** (2)
- *G773-216 **Okra** (5)
- *G773-217 **Yellow Onions** (5)
- *G773-218 **Red Onions** (5)
- *G773-219 **White Onions** (5)
- *G773-220 **Parsnips** (5)
- *G773-221 **Bell Peppers** (5)
- *G773-222 **Sweet (Non-Bell) Peppers** (5)
- *G773-223 **Jalapeno Peppers** (5)
- *G773-224 **Hot (Non-Jalapeno) peppers** (5)
- *G773-225 **White Potatoes** (5)
- *G773-226 **Red Potatoes** (5)
- *G773-227 **Russet Potatoes** (5)
- *G773-228 **Other Potatoes** (5)
- *G773-229 **Pumpkin** (2)
- *G773-230 **Miniature Pumpkins** (Jack Be Little type) (5)
- *G773-231 **Radish** (5)

- *G773-232 **Rhubarb** (5)
- *G773-233 **Rutabaga** (2)
- *G773-234 **Green Summer Squash** (2)
- *G773-235 **Yellow Summer Squash** (2)
- *G773-236 **White Summer Squash** (2)
- *G773-237 **Acorn Squash** (2)
- *G773-238 **Butternut Squash** (2)
- *G773-239 **Buttercup Squash** (2)
- *G773-240 **Other Winter Squash** (2)
- *G773-241 **Sweet Corn** (in husks) (5)
- *G773-242 **Swiss Chard** (5)
- *G773-243 **Red Tomatoes** (2" or more in diameter) (5)
- *G773-244 **Roma or Sauce-type Tomatoes** (5)
- *G773-245 **Salad Tomatoes** (under 2" in diameter) (12)
- *G773-246 **Yellow Tomatoes** (2" or more in diameter) (5)
- *G773-247 **Turnips** (5)
- *G773-248 **Watermelon** (2)
- *G773-249 **Dry Edible Beans** (1 pint)
- *G773-250 **Gourds**, mixed types (5)
- *G773-251 **Gourds**, single variety (5)
- *G773-252 **Any other vegetable** 2, 5 or 12 (do not duplicate entries in classes 201-251) that does not fit in any other class
- *G773-255 **4-H Vegetable Garden Collection** of five different kinds of vegetables. Display Garden Collection in a box not more than 24" in any dimension. Showmanship will be considered in judging, but plastic grass, cotton, figurines, etc. should not be used in exhibit boxes. Each vegetable in the collection should be exhibited with the number specified for individual classes (201 - 251). Do not duplicate entries in classes 201 - 252 with any in this group collection.

- *G773-256 **4-H Cultivar Vegetable Collection.** Vegetables entered in the collection are 5 cultivars from a single exhibit: for example, 5 cultivars of all types of peppers or squash or onions or tomatoes, etc. Display in a box not more than 24" in any dimension. Boxes will not be returned at State Fair. Showmanship will be considered in judging; but plastic grass, cotton figurines, etc. should not be used in exhibit boxes. Each vegetable in the collection should be exhibited with the number specified for individual classes.

G773-901 Any **other** county only exhibit.

HERBS

1. Herbs will be judged using the same general criteria used for vegetables.
2. Those grown mainly for their seed, such as dill and caraway, should be exhibited on a plate. Those grown for their leaves such as basil, parsley, etc. should be exhibited in a container of water.
3. Number to be exhibited is in parenthesis behind class name. Potted herb plants will be disqualified and will not be judged.

- *G773-260 **Basil** (5)

- *G773-261 **Dill** (dry) (5)
- *G773-262 **Garlic** (bulbs) (5)
- *G773-263 **Mint** (5)
- *G773-264 **Oregano** (5)
- *G773-265 **Parsley** (5)
- *G773-266 **Sage** (5)
- *G773-267 **Thyme** (5)
- *G773-268 **Any other herb** (5) (do not duplicate entries in classes 260-267)
- *G773-269 **4-H Herb Garden Display** of 5 different herbs. Displayed in a box or other holder not more than 18" in any dimension. Each herb in the collection should be exhibited with the number specified for classes 260 - 268. Do not duplicate entries in classes 260 - 268 with any in the group collection.

G773-902 Any **other** county only exhibit

FRUITS

1. Fruits will be judged using the same general criteria used for vegetables.
2. Fruit will be judged for the stage of maturity normal for that season and growing location. Emphasis will be placed on how well fruit approaches market quality.
3. Number of each to be exhibited is indicated in parenthesis behind the class name.

- *G773-280 **Strawberries** (ever bearers) (1 pint)
 - *G773-281 **Grapes** (2 bunches)
 - *G773-282 **Apples** (5)
 - *G773-283 **Pears** (5)
 - *G773-284 **Wild Plums** (1 pint)
 - *G773-285 **Other small fruit or berries** (1 pint) (do not duplicate entries in classes 280-284)
 - *G773-286 **Other fruits OR nuts** (5) (do not duplicate entries in classes 280-284)
- G773-903 Any **other** county only exhibit

EDUCATIONAL EXHIBITS

- *G773-290 **Garden Promotion Poster** - individual poster promoting vegetable or herb gardening - size 14" x 22" either vertical or horizontal arrangement. Poster may be in any medium so long as it is not 3- dimensional. Posters using copyrighted material will not be accepted. Entry card must be stapled to the upper right-hand corner. The 4-H member's name, age, county, and years in the project(s) must be on the back of the poster.
- *G773-291 **Educational Vegetable or Herb Garden Poster** - prepare a poster 14" x 22" x 2" (3-dimensional if needed) either vertical or horizontal arrangement illustrating a skill or project the 4-H'er has done or learned about in a 4-H vegetable gardening project. One might show a special technique used or equipment incorporated in the garden (e.g., drip irrigation system, composting, or special techniques learned). Refer to 4-H horticulture project

manuals but use your own creativity. Entry card must be stapled to the upper right-hand corner. The 4-H member's name, age, county, and years in the project(s) must be on the back of the poster.

***G773-292 Vegetable and/or Herb Gardening History Interview** - neatly handwritten or typed account of a gardening history interview of someone whose vegetable or herb garden has inspired you. Maximum of 4 pages of text and 2 pages of pictures (include 1 picture of the person you interviewed) of their garden if the individual is still gardening. Protect with a clear report cover. The 4-H member's name, age, county, and years in the project(s) must be on the back of the report cover.

***G773-293 Vegetable Seed Display** - each display must include seeds representing the following families: Cucurbit, Brassica (cabbage), Solanaceous (nightshade), and legume (pea) families plus representatives from 5 other families. Group the seeds by family and type. Glue seeds or otherwise fasten clear containers of seeds to a board or poster mat board no larger than 22" x 24". Label each group and each individual vegetable type with the common and scientific names. Use only one variety or cultivar of each vegetable, except for beans where several examples of beans may be shown. Attach a label to the back of the display explaining why it is important to know which vegetables are related and cite references on where the scientific name information was found. On the back, label with the 4-H'ers name, age, county, and years in the project(s). Information on vegetable family members can be obtained from your extension office.

***G773-294 World of Vegetables Notebook** - Choose a favorite foreign cuisine and learn what vegetables and/or herbs are common to it (e.g., Mexican, African, Chinese, Italian, etc.). Include a report talking about a minimum of 5 vegetables and/or herbs from each country chosen. Include the scientific and common names; pictures of the plants from your garden or seed catalogs; tell how they are grown; and how the foods are used. Also list a source for buying the seed or plants. Favorite recipes using some or all the vegetables described may be included. Give proper credit by listing the source of pictures and information used. Protect in a clear report cover or a 3-ring notebook. The 4-H member's name, age, county, and years in the project(s) must be on the back of the report cover or notebook.

SPECIAL GARDEN PROJECT

***G775-001 Special Garden Project Educational Exhibit** Educational exhibit based on what was learned from the project. Present information on

a poster 14"x22" either vertical or horizontal arrangement or in a clear plastic report cover. The 4-H member's name, age and county must be on the back of the poster or report cover. Examples of projects that could fit in this class:

- **Picture/Photograph** – This class is up to you, as long as it includes the special garden project and what you learned! Please include an 8" x 10" picture/photo mounted on 14" x 22" poster board with a caption.
- **Story** – Tell a story about your experience with the special garden project: growing, picking, or eating the pods or flowers. Be sure to include a picture(s)/photographs(s).
- **Essay** – Write an essay about what you have learned about the special garden project and growing them. Be sure to include things you would change next time and a picture(s)/photographs.

***G775-002 Special Garden Project Fresh Cut Flowers, Herbs or Harvested Vegetables.** The current years' Special Garden Project fresh cut flowers, herbs, or harvested vegetables should be entered in this class. Refer to classes 1-45 for quantity to exhibit if Special Gardening Project is a cut flower. Refer to classes 201-251 if Special Garden Project is a vegetable. Flowers and herbs must be cut not potted.

G775-901 County Only Exhibits: Examples of exhibits that could fit in this class:

- **Poem** – Write a poem about some aspect of the special garden project: growing, harvesting, tasting, insects it attracts, the choice is yours! Exhibit in a clear plastic report cover.
- **Choice** – Your choice of a project but be sure it includes something about the special garden project.

SCIENCE, ENGINEERING & TECHNOLOGY (SET)

General Information/Rules:

1. The name and county of each exhibitor should appear separately on the back of each board, poster, or article and on the front cover of the notebooks so the owner of the exhibit may be identified if the entry tag is separated from the exhibit.
2. Each individual is limited to one exhibit per class.
3. Several classes require a display board which should be a height of 24 inches and not to exceed 1/4 inch in thickness. A height of 24 7/8 is acceptable to allow for the saw kerf (width) if two 24-inch boards are cut from one end of a 4 x 8 sheet of plywood. Nothing should be mounted within 3/4 inch of the top or bottom of the board. (Example: Woodworking & Electricity.)

4. Fabricated board such as plywood, composition board, or particle-type lumber may be used for demonstration displays.
5. Demonstration boards should be sanded and finished to improve their appearance. The finish on a demonstration board will be judged as a woodworking exhibit.
6. Demonstration boards should include an overall title for the display plus other necessary labeling.
7. Reports should be written using the scientific method whenever possible (Background, the question or hypothesis, what you plan to do and what you did. Method used and observations, Results: what you learned. All reports should be computer generated, enclosed in a clear, plastic cover. The reports should be attached securely to the display.
8. Premier 4-H Science Award is available in this area.

AEROSPACE / ROCKETRY

1. See General Information Department of Science, Engineering and Technology. Youth enrolled in Aerospace 2, 3, or 4 may exhibit in any class within this division.
2. Rockets must be supported substantially to protect the rocket from breakage. Rockets are to be mounted on a base that has dimensions equal or less than 12" x 12" and the base should be 3/4" thick. No metal bases. If the rocket fins extend beyond the edges of the required base (12" x 12"), then construct a base that is large enough to protect the fins. The base size is dictated by the size of the rocket fins.
3. The rockets **must** be mounted vertically. Please do not attach sideboards or backdrops to the displays. In addition, a used engine or length of dowel pin is to be glued and/or screwed into the board and extended up into the rockets engine mount to give added stability.
4. Rockets must be equipped as prepared for launching, with wadding and parachute or other recovery system. Rockets entered with live engines, wrong base size or sideboards will be disqualified.
5. A report, protected in a clear plastic cover, must include:
 - rocket specification, (include original or photo of manufacture packaging stating rocket skill level)
 - a flight record for each launching (weather, distance, flight height),
 - number of launchings
 - flight pictures,
 - safety. (How did you choose your launch site? Document safe launch, preparation, and precautions)
 - objectives learned
 - conclusions.
6. The flight record should describe engine used, what the rocket did in flight and recovery success.

Points will not be deducted for launching, flight or recovery failures described. This includes any damage that may show on the rocket. Complete factory-assembled rockets will not be accepted at the State Fair.

7. Judging is based upon display appearance, rocket appearance, workmanship, design or capabilities for flight, number of times launched and report. Three launches are required to earn the maximum launch points given on the score sheets. For scoring for the State Fair, only actual launches count, misfires will not count towards one of the required three launches.
8. For self-designed rockets only, please include a digital recorded copy of one flight. In the documentation, please include a description of stability testing before the rocket was flown.
9. Skill level of project is not determined by number of years in project. Skill level is determined by the level listed on the manufacturing packaging.
10. 4-H Rocket project levels are not intended to correspond to National Association of Rocketry model rocket difficulty ratings or levels.
11. High power rockets (HPR) are similar to model rocketry with differences that include the propulsion power and weight increase of the model. They use motors in ranges over "G" power and/or weigh more than laws and regulations allow for unrestricted model rockets. These rockets are NOT appropriate for 4-H projects and will be disqualified.

AEROSPACE/ROCKETS

- H850-901 **Skill Level 1 Rocket** (County entry only – Rockets made with plastic fins and plastic body tubes)
- H850-902 **Any Other Rocket**
- *H850-001 **Rocket** - Any Skill Level Rocket with wooden fins and cardboard body tubes painted by hand or air brush.
- *H850-002 **Aerospace Display** - Poster or display board that displays or exemplifies one of the principles learned in the **Lift Off** project. Examples include display of rocket parts and purpose, explains the parts of a NASA rocket or shuttle, interview of someone in the aerospace field, or kite terminology. Include notebook containing terminology (definition), and what was learned. Display can be any size up to 28" by 22".
- *H850-003 **Rocket** - Any Skill Level Rocket with wooden fins and cardboard body tubes painted using commercial application, for example: commercial spray paint.
- H850-904 Any Other Rocket

SELF-DESIGNED ROCKET

- *H850-004 **Rocket** - Any self-designed rocket with wooden fins and cardboard body tubes.

DRONES

*H850-005 **Drone Poster**- Exhibit must be designed to educate yourself and others on one or more of the following topics: drone technologies, uses of drones, the different types of drones, types of training needed to operate drones, and the laws and regulations users must follow. Posters can be any size up to 28" by 22".

*H850-006 **Drone Video**- Exhibit must demonstrate how the drone interacts with the outside world. Examples include field scouting, surveying damage from natural disasters, drones used in commercial applications and settings, and drones used for structural engineering. Video should not exceed 5 minutes.

COMPUTERS

1. See General Information/Rules under Science, Engineering, and Technology
2. Team Entries: To qualify for entry at the Nebraska State Fair, team materials entered in H860008-Digital Fabrication must clearly be the work of a team instead of an individual, and must have at least 50% of all team members enrolled in 4-H. Additionally, all enrolled 4-H members on the team should complete and attach an entry tag to the materials. A supplemental page documenting the individual contributions to the project should be included. The entry will be judged as a team, with all team members receiving the same ribbon placing.

COMPUTER MYSTERIES – UNIT 1

H860-901 **Exhibit** made in Unit 1 (county only exhibit – not eligible for State Fair)

COMPUTER MYSTERIES - UNIT 2

*H860-001 **Computer Application Notebook** - Exhibitor should use computer application to create a graphic notebook utilizing computer technology. This exhibit consists of a notebook (8.5 x 11 inches) which should include a detailed report describing: the task to be completed, the computer application software required to complete the task, specific features of the computer application software necessary for completing the task, and a printout of your project. Project may be in color or black and white. 4-H'er may create any of the following:

- Greeting card (5 different cards such as a birthday, wedding, anniversary, sympathy, get well or other)
- Business card (3 cards for 3 different individuals and businesses)
- Menu (minimum of 2 pages including short description of foods and pricing)
- Book layout (1-book)
- Promotional flyer (3 flyers promoting 3 different events)
- Newsletter (minimum 2 pages)

- Other: examples such as precision farming or family business logo etc.

*H860-002 **Produce a Computer Slide Show**

Presentation - Using presentation software, a 4-H exhibitor designs a multimedia computer presentation on 1 topic related to youth.

Entries should be submitted to

<https://go.unl.edu/2023nesfset> by August 15th, 2023 or videos can be uploaded to a video streaming application and exhibitors **MUST** provide a hard copy QR code for viewing. Exhibitors are encouraged to test their codes or links on several devices to check for appropriate permissions. A notebook with a printout of all slides should be submitted. Slideshow should include a minimum of 10 slides and no more than 25. Incorporate appropriate slide layouts, graphics, animations, and audio (music or voice and transition sounds do not count). Each slide should include notes for a presenter. All slideshows must be uploaded.

COMPUTER MYSTERIES - UNIT 3

*H860-003 **Produce an Audio/Video Computer**

Presentation - Using presentation software a 4-H exhibitor designs a multimedia computer presentation on one topic related to youth.

Entries should be submitted to

<https://go.unl.edu/2023nesfset> by August 15th, 2023, or videos can be uploaded to a video streaming application and exhibitors **MUST** provide a hard copy QR code for viewing. Exhibitors are encouraged to test their codes or links on several devices to check for appropriate permissions. A notebook with a printout of all slides should be submitted. The presentation should be at least 2 minutes in length and no more than 5 minutes in length, appropriate graphics, sound and either a video clip, animation or voice over and/or original video clip.

*H860-004 **How to STEM (Science, Technology, Engineering and Math) Computer**

Presentation - Youth design a fully automated 2 to 5 minute 4-H "how to" video. Submissions should incorporate a picture or video of the 4-H'er, as well as their name (first name only), age (as of January 1 of the current year), years in 4-H, and their personal interests or hobbies.

Entries should be submitted to

<https://go.unl.edu/2023nesfset> by August 15th, 2023, or videos can be uploaded to a video streaming application and exhibitors **MUST** provide a hard copy QR code for viewing. Exhibitors are encouraged to test

their codes or links on several devices to check for appropriate permissions.

*H860-005 **Virtual Platform Presentation** – Youth design a fully automated education presentation (video, notebook, poster, etc.). Videos should be submitted to <https://go.unl.edu/2023nesfset> by August 15th, 2023 or videos can be uploaded to a video streaming application and exhibitors **MUST** provide a hard copy QR code for viewing. Exhibitors are encouraged to test their codes or links on several devices to check for permissions.

*H860-006 **Create a Web Site/Blog or App** - Design a simple Web site/blog or app for providing information about a topic related to youth using software programs such as an HTML editor like Microsoft's FrontPage or Macromedia's Dreamweaver, and image editor like Irfan View or GIMP OR online using a WIKI such as Google Sites. If the Web site, Blog or App is not live include all files comprising the Web site, Blog or App should be submitted on a flash drive in a plastic case along with the explanation of why the site was created or may be shared through a hard copy share link of QR code for viewing. If developed using a WIKI or other online tool include a link to the website in the explanation of why the site was created. Entries should be submitted to <https://go.unl.edu/2023nesfset> by August 15th, 2023, or videos can be uploaded to a video streaming application and exhibitors **MUST** provide a hard copy QR code for viewing. Exhibitors are encouraged to test their codes or links on several devices to check for appropriate permissions.

*H860-007 **3D Printing:** 3D printing uses plastic or other materials to build a 3-dimensional object for a digital design. Youth may use original designs or someone else's they have re-designed in a unique way. Exhibits will be judged based on the motivation and/or problem identified. For example, 3D objects printed as part of the design process for robot or other engineering project. Must include design notebook that addresses the following questions:

- What was the motivation for your design or the problem you were solving with your design? i.e. is your item a functional or decorative piece?
- Please include a picture of original design, citation of designer/website OR if design is completely original (you created it using CAD software), then state that it's original. If item was not completely original, indicate what you did to the original design to modify it to better meet the

design problem stated in #1 above. Its design was modified multiple times, please indicate what change was made with each modification, and what prompted the need for the change. I.e. I printed it and the design was too fragile, so I resliced the print to make thicker external walls, or to have a denser infill.

- Define your process for designing/printing. What software and/or hardware was used (indicate type of 3D printer or if item was created with 3D pen)?
- What materials were selected for your project?
- If your final design has any moving parts, define how you determined appropriate allowance in your design.
- Identify any changes that you would make to improve your design.

*H860-008 **Maker Space/Digital Fabrication** – This project is a computer-generated project created using a laser cutter, vinyl cutter, heat press or CNC router, Vector or 3D based software such as Corel Draw or Fusion 360 would be an example of an appropriate software used to create your finished project. Project should include a notebook with the following:

- What motivated you to create this project?
- Software and equipment used
- Directions on how to create the project
- Prototype of plans
- Cost of creating project
- Iterations or modifications made to original plans
- Changes you would make if you remade the project

ROBOTICS

1. See General Information - SET
2. Youth enrolled in Virtual Robotics, Junk Drawer Robotics (Levels 1, 2 or 3), Robotics Platforms or GEAR TECH 21 may exhibit in any class within this division.
3. Creating a video of your robot in action would be helpful but is not mandatory. Videos should be uploaded to a video streaming application and exhibitor should provide a hard copy QR code for viewing.

*H861-001 **Robotics Poster** – Create a poster (28" x 22") communicating a robotics theme such as "Robot or Not", "Pseudocode", "Real World Robots", "Careers in Robots", or "Autonomous Robotics", "Precision Agriculture", or a robotic topic of interest to the 4-H'er.

*H861-002 **Robotics Notebook** - Explore a robotics topic in-depth and present your findings in a notebook. Documentation should include any designs, research, notes, pseudocode, data tables or other evidence of the 4-H'ers learning experience. The notebook should contain at least three pages. Topics could include a programming challenge, a programming skill,

calibration, sensor explanation, or any of the topics suggested in Class 1.

H861-003 **Robotics Video** - This class should be displayed in a notebook. The notebook should include a video clip on a CD/DVD that demonstrates the robot performing the programmed function. Include your pseudo code and screenshots of the actual code with a written description of the icon/command functions. Files must be saved in a PC compatible format with county name and last name of participant before emailing.

*H861-004 **Robotics / Careers Interview** – Interview someone who is working in the field of robotics and research the career in robotics. Interviews can either be written or in a multimedia format (CD/DVD). Written interviews should be in a notebook. Written reports should be 3 to 5 pages, double spaced, 12-point font, and 1" margins. Multimedia reports should be between 3 to 5 minutes in length.

*H861-005 **Robotic Sensor Notebook** - Write pseudo code which includes at least three sensor activities. Include the code written and explain the code function.

H861-006 **Build a Robot** (may use kit) - Include a robot and notebook including the pseudo codes for at least one program you have written for the robot, the robot's purpose, and any challenges or changes you would make in the robot design or programming. If robot is more than 15" inches wide and 20" inches tall they may not be displayed in locked cases. (State Fair) We recommend you submit the project under class H861003 – Robotics Video. Junk Drawer Robotics do not quality.

*H861-007 **Kit Labeled Robot and Notebook** – (Cannot be programmed) This class is intended for explorations of robotic components such as arms or vehicles OR educational kits marketed as robots that do not have the ability to be programmed to "sense, plan and act." The exhibit should include a notebook with the robot the youth has constructed. Included in the notebook should be

- a description of what the robot does
- pictures of programs the robot can perform
- why they chose to build this particular form
- how they problem solved any issues they might have had during building and programming. A picture story of assembly is recommended.

*H861-008 **3D Printed Robotics Parts** -This class is intended for youth to create parts through 3D printing that help create their robot or aid the robot in completing a coded function. Project should include notebook describing the process used to create the project, describe the success of your designed piece (did it work), intended use of the product and the modifications made to the item.

ELECTRICITY

See General Information - SET

BRIGHT LIGHTS – UNIT 1

H870-901 **Bright Lights**: Create your own flashlight using items found around your house. Flashlights should be made from items that could be recycled or reused. No kits please.

H870-902 **Control the Flow**: Make a switch. Use the following items: D cell battery, battery holder, insulated wire, 2- or 2.5-volt light bulb, bulb holder, paper clip, cardboard, and two brass paper fasteners to create a circuit that you can open and close.

H870-903 **Conducting things**: Make a circuit with a switch and a light bulb that can be used to test different household items for their ability to act as an insulator or conductor. You must find five items that are conductors and five items that are insulators. Create a table that illustrates your results.

H870-904 **Is There a Fork in the Road**: Use the following items to construct one parallel and one series circuit. Items: D cell battery, battery holder, insulated wire, bulb holder and a 2- or 2.5-volt light bulb.

INVESTIGATING ELECTRICITY - UNIT 2

H870-905 **Case of the Switching Circuit**: Use the following items: two D cell batteries, two battery holders, light bulb, bulb holder, a 3 inch by 6-inch piece of cardboard, six brass paper fasteners and approximately two feet of 24 gauge insulated wire to build a three-way switch. Write a short essay or create a poster that illustrates how three-way switches function.

H870-906 **Rocket Launcher**: Construct a rocket launcher out of the following materials: a plastic pencil box that is at least 4 inch x 8 inch, single pole switch, single throw switch, normally-open push button switch, 40 feet of 18 or 22 gauge stranded wire, 4 alligator clips, 2 x 6 board 6 inches long, 1/8 inch diameter metal rod, rosin core solder, soldering iron or gun, wire stripper, small crescent wrench, pliers, small Phillips and straight blade screwdrivers, drill, 1/8 inch and 1/4 inch drill bits, rocket engine igniters, additional drill bits matched to holes for two switches. You must successfully build a rocket launcher and light two rocket igniters with your launcher. You DO NOT have to actually fire a rocket from the launcher. Create a poster using photographs to show the "step by step process" you used to build your launcher.

H870-907 **Stop the Crime: Build an ALARM** using the following materials: On-off push button switch, mercury switch, buzzer-vibrating or piezoelectric, 9-volt battery, 9-volt battery holder, 4 inches by 4 inches by 1/8-inch Plexiglas board

to mount circuit on; rosin core solder, soldering gun/iron, two feet of 22-gauge wire, wire strippers, hot glue sticks, hot glue gun and a plastic box with a lid to mount your alarm circuit on. Create a poster using photographs to show the "step by step process" you used to build your alarm.

WIRED FOR POWER - UNIT 3

- *H870-001 **Electrical Tool/Supply Kit** - Create an electrical supply kit to be used for basic electrical repair around the house. Include a brief description of each item and its use. Container should be appropriate to hold items.
- *H870-002 **Lighting Comparison** - Display studying the efficiency of various lighting (incandescent, fluorescent, halogen, Light Emitting Diodes, etc.). Exhibit could be a poster display, or an actual item.
- *H870-003 **Electrical Display/Item** - Show an application of one of the concepts learned in the Wired for Power project. Examples include re-wiring or building a lamp, re-wiring or making a heavy-duty extension cord or developing an electrical diagram of a house. Exhibit could be poster display, or an actual item.
- *H870-004 **Poster** – Poster should exemplify one of the lessons learned in the Wired for Power Project. Posters can be any size up to 28" x 22".

ELECTRONICS - UNIT 4

- *H870-005 **Electrical/Electronic Part Identification** - Display different parts used for electrical/electronic work. Exhibit should show the part (either picture or actual item) and give a brief description, including symbol of each part and its function. Display should include a minimum of 10 different parts.
- *H870-006 **Electronic Display** - Show an application of one of the concepts learned in the Electronics project. Examples include components of an electronic device. (Pg 35 Electronic Manual)
- *H870-007 **Electronic Project** - Exhibit an electronic item designed by the 4-H'er or from a manufactured kit that shows the electronic expertise of the 4-H'er. Examples include: a radio, a computer, or a voltmeter.
- *H870-008 **Poster** – Poster should exemplify one of the lessons learned in the Entering Electronics Project. Poster can be any size up to 28" x 22".

GEOSPATIAL

1. See General Information Science, Engineering and Technology
2. Youth enrolled in Geospatial or GEAR TECH 21 may exhibit in any class within this division.

- *H880-001 **Poster** – Create a poster (not to exceed 14" x 22") communicating a GPS theme such as How GPS or GIS works, Careers that use GPS

or GIS, how to use GPS, what is GIS, GPS or GIS in Agriculture, Precision Agriculture, or a geospatial topic of interest.

- *H880-002 **4-H Favorite Places or Historical Site Poster** – The 4-H exhibitor identifies a favorite place or historical site (including grave sites) in Nebraska. Exhibit should include latitude and longitude, digital picture, and local area map. Poster size should not exceed 14" x 22".
- *H880-003 **GPS Notebook** – Keep a log of at least 5 places visited using a GPS enabled device. At least one site should be from a community other than where you live. For each site, record the latitude, longitude, and elevation. Also include a description of the site, a paragraph explaining what was interesting about the site or finding it. Photos of each site and/or cache are optional but encouraged.
- *H880-004 **Geocache** – Assemble a themed geocache. Each geocache should be a water-tight container. It should include a logbook and pencil for finders to log their visits and may include small trinket, geo-coins, etc. for the finders to trade. Documentation should include a title, teaser description and the geographic coordinates of intended placement. Register the site at geocaching.com include a print-out of its registry. The entry may include a photograph of the cache in its intended hiding place.
- *H880-005 **Agriculture Precision Mapping** – 4-Hers will assemble a notebook that will include a minimum of 2 digital copies of various data layers that can be used in precision agriculture to identify spatial patterns and/or correlations (printed copies of websites where applications can be purchased is acceptable). A report of how the analysis of the various data will be used to make a management decision.
- *H880-006 **4-H History Map/Preserve 4-H History** – Nominate a Point of Interest for the 4-H History Map Project. Include copy of submitted form in folder or notebook. To nominate a site for the 4-H history map please go to <http://arcg.is/1bvGogV> For more information about 4-H history go to http://www.4-hhistorypreservation.com/History_Map For a step-by-step video on nominating a point, please go to this link: <http://tinyurl.com/nominate4h>. Write a brief description of historical significance of 4-H place or person.
- *H880-007 **GIS Thematic Map** – Using any GIS software, create a thematic map. Thematic maps can utilize any subject of interest to the 4-H'er. Example would be Amelia Earhart's or Sir Francis Drake's voyage, population density maps, water usage maps or 4-H project in Nebraska. Create GIS Map using data from books and/or internet. Use reliable data (U.S. Center or U.S. Census Bureau etc.) Map any size from 8.5" x 11" up to 36" x 24" include Title,

Base Map, Neat Line, North Arrow and Legend. Identify the source of your information on the back of the map.

*H880-008 **Virtual Geocache** – Keep a log of at least 5 places visited using a virtual geocache platform. At least one site should be from a community other than where you live. For each site, record the latitude, longitude, and elevation. Also include a description of the site, a paragraph explaining what was interesting about the site or finding it. Photos of each site and/or cache are optional, but highly encouraged.

ENERGY

See General Information Science, Engineering and Technology

*H900-001 **Create and Compare Energy Resources**

Poster: Poster should explore 2 alternative/renewable energy resources. Compare and contrast the 2 resources including two of the following information: amount of energy created, costs of production, usability of the energy, pros/cons of environmental impacts, etc. Posters can be any size up to 28" by 22".

*H900-002 **Experiment Notebook** The notebook will explore the scientific method involving alternative/renewable energy sources. Information required. 1) Hypotheses, 2) Research, 3) Experiment, 4) Measure, 5) Report or Redefine Hypothesis.

*H900-003 **Solar as Energy Display/Poster** Item should be the original design of the 4-Her. Include the item, or a picture if item is more than 6' tall or 2' x 2'. Include a notebook of why the item was designed and how it harnesses the power of the sun. Examples include solar ovens, solar panels, etc.

*H900-004 **Water as Energy Display/Poster** Item should be the original design of the 4-Her. Include a notebook of why the item was designed and how it harnesses the power of water.

*H900-005 **Wind as Energy Display/Poster** Item should be the original design of the 4-Her. Include the item, or a picture if item is more than 6' tall or 2' x 2'. Include a notebook of why the item was designed and how it harnesses the power of wind.

*H900-006 **Other Nebraska Alternative Energy** Notebook should explore Nebraska as an alternative energy source besides wind, water, and solar power. Include information on type of power chosen, infrastructure for distribution, what resources are needed to create this alternative resource, cost of production and potential uses of bio-products. Examples include geothermal, biomass, ethanol, biodiesel, methane reactors, etc.

WOODWORKING

1. See General Information / Rules at beginning of Department: Science, Engineering and Technology.
2. The ability to build objects as designed by another person is an important life skill. Professional woodworkers often are hired to build objects to exacting specifications as laid out in a written plan.
3. All articles exhibited must include a plan (with drawings or sketch or blueprint) stating dimensions and other critical instructions a builder would need to know how to build the project.
4. Plans may include narrative instructions in addition to the dimension drawings and include any alternations to the original plan. Score depends on how well the project matches the plan. If plans are modified, changes from the original need to be noted on the plans. All plans used for making the article must be securely attached and protected by a clear plastic cover.

MEASURING UP - UNIT 1

H911-901 **Woodworking Article** using skills learned in the Measuring Up Project.

H911-902 **Woodworking Display** – show an application of one or more of the concepts learned in the project. Display could be a poster or an actual item.

H911-903 **One additional item** made in the project

MAKING THE CUT - UNIT 2

H911-904 **Woodworking Article** using skills learned in the Making the Cut Project.

H911-905 **Woodworking Display** – show an application of one or more of the concepts learned in the project. Display could be a poster or an actual item.

H911-906 **One additional item** made in the project

NAILING IT TOGETHER-UNIT 3

*H911-001 **Woodworking Article** - Item should be made using either joints, hinges, dowels, or a dado joining made using skills learned in the Nailing it Together manual. Item is required to be appropriately finished. Examples include bookcase, coffee table or end table.

*H911-003 **Recycled Woodworking Display** - Article made from recycled, reclaimed, or composite wood. Article must be appropriately finished and/or/sealed and utilize one or more woodworking techniques from page 2 of the Unit 3 manual. Exhibit must include the woodworking plan and a minimum one-page report of how the engineering design process was used to develop the woodworking plan.
Engineer Design Process:

1. State the problem (Why did you need this item?)
2. Generate possible solutions (How have others solved this problem? What other alternatives or designs were considered?)
3. Select a solution (How does our solution compare based on cost, availability, and functionality?)
4. Build the item. (What was your woodworking plan, and what processes did you use to build our item?)
5. Reason for article finish (What type of finish, how did you finish or why you chose this finish?)
6. Evaluate (How does your item solve the original need?)
7. Present results (How would you do this better next time?)

*H911-004 **Composite Wood Project** -60% of the project must be wood and 40% made from other materials such as metal, rubber, resin, etc. All plans and plan alternations must be attached to the article. Protect plans with a cover. If project is designed to be outside, it is required to have appropriate outdoor finish because project may be displayed outside.

*H911-005 **Outdoor wood project made with treated wood**- Treated wood projects DO NOT have to have a finished coating. All plans and plan alternations must be attached to the article. Protect plans with a cover. If project is designed to be outside. Examples include picnic tables, planters, outdoor furniture, etc.

H911-907 **One additional item** made in the project

FINISHING UP – UNIT 4

*H911-006 **Woodworking Article** – Item made using skills learned in the Finishing It Up Project. Examples include dovetailing, making a pen using lathe, overlays, using a router, etc. Item is required to be appropriately finished.

*H911-008 **Recycled Woodworking Display** – Article made from recycled, reclaimed, or composite wood. Article must be appropriately finished and/or sealed and utilize one or more woodworking techniques from page 2 of the Unit 4 manual. Exhibit must include the woodworking plan and a minimum one-page report of how the design and engineering process was used to develop the woodworking plan.

1. State the problem (Why did you need this item?)
2. Generate possible solutions (How have others solved the problem? What other alternatives or designs were considered?)
3. Select a solution (How does your solution compare based on cost, availability, and functionality?)
4. Reason for article finish (What type of finish, how did you finish or why you choose this finish?)

5. Build the item (What was your woodworking plan, and what processes did you use to build your item?)
6. Evaluate (How does your item solve the original need?)
7. Present results (How would you do this better next time?)

H911-908 **One additional item** made in the woodworking project

WELDING

1. See General Instructions, Science, Engineering and Technology.
2. All metal welding process accepted.
3. All welds exhibited in Class 1 or 2 must be mounted on a 12" high x 15" long display board of thickness not to exceed 3/8". Attach each weld on a wire loop hinge or equivalent, so the judge can look at the bottom side of the weld when necessary. Each weld should be labeled with information stated:
 - type of welding process (stick, MIG, TIG, Oxy-Acetylene, etc.)
 - kind of weld,
 - welder setting,
 - electrode/wire/rod size, and
 - electrode/wire/rod ID numbers.
4. Attach a wire to display board so it can be hung like a picture frame. No picture frame hangers accepted.
5. If no plans are included with the welding article or welding furniture, item will be disqualified.

*H920-001 **Welding Joints** - A display of one butt, one lap, and one fillet weld.

- All welds should be made with the same electrode/wire/rod size and number.
- Welds should be made only on one side of metal so penetration can be judged.
- Welds should be cleaned with chipping hammer and wire brush. Apply a coat of light oil (penetrating oil) to the metal to prevent rusting. Wipe off excess oil.
- It is suggested that all welds be of the same size and thickness as metal. These pieces, referred to as coupons, should be 1.5 to 2 inches wide and 3.5 to 4 inches long. A good way to get this size is to buy new cold rolled strap iron and cut to length. The extra width is needed to provide enough metal to absorb the heat from the welding process and prevent the coupons from becoming too hot before the bead is completed. Narrower coupons will become very hot, making an average welder setting too cold at the bead start, just about right in the middle, and too hot at the end. The correct way to weld narrow strips is to make short beads and allow time to cool, however this project requires a full-length bead.

- **Stick Welding:** Suggested coupon thickness - 1/4" if using 1/8" rod. Suggested rod - AC and DC straight or reverse polarity - first E-7014, second E-6013
- **MIG Welding:** Suggested coupon thickness - 1/4" if using .035 wire and 1/8" if using .023 wire.
- **Oxy-Acetylene:** Suggested coupon thickness - 1/8". Suggested rod - 1/8" mild steel rod

*H920-002 **Position Welds** - A display showing three beads welded in the vertical down, horizontal, and overhead positions.

- It is suggested that all welds be of the same size and thickness of metal. These pieces are referred to as coupons. The welds can be on one coupon that is about 4" x 4" or on individual coupons that are about 2" x 4" and 1/4" thick.
- Suggested rods for this class of position welds for AC and DC straight or reverse polarity is, first E-6013, second E-7014, and E-6010 for DC reverse polarity only.
- Welds should be cleaned with a chipping hammer and wire brush. Apply a coat of light oil (penetrating oil) to the metal to prevent rusting. Wipe off excess oil.

*H920-003 **Welding Art** – any art created using tack welds to hold the metal pieces together (examples include horseshoe projects). Type of welder, welder settings, all plans, plan alternations, and a bill for material must be attached to the article. Protect plans with a cover. If project is designed to be outside, it is required to have appropriate outdoor finish.

*H920-004 **Welding Article** - Any shop article where welding is used construction. 60% of item must be completed by 4-Her and notes regarding laser welding or machine welding must be included. Type of welder, welder settings, all plans, plan alternations, and a bill for material must be attached to the article. Protect plans with a clear cover. If project is designed to be outside, it is required to have appropriate outdoor finish because project may be displayed outside. All welds should be cleaned and protected from rust with paint or light oil. Plans are to be complete enough that if they were given to a welding shop, the item could be made without further instructions. Bill of materials should include a cost for all items used including steel, electrodes, paint, wheels, etc.

*H920-005 **Welding Furniture** – Any furniture with 75% welding is used in the construction. 60% of item must be completed by 4-Her and notes regarding laser welding or machine welding must be included. Type of welder, welder settings, all plans, plan alternations, and a bill for material must be attached to the article. Protect plans with a cover. If project is designed to be

outside, it is required to have appropriate outdoor finish because project may be displayed outside. All welds should be cleaned and protected from rust with paint or light oil. Plans are to be complete enough that if they were given to a welding shop, the item could be made without further instructions. Bill of materials should include a cost for all items used including steel, electrodes, paint, wheels, etc.

*H920-006 **Plasma Cutter/Welder Design** - Plasma cutters/welders allowed for detailed design(s) to butt cut into metal. 4Hers will create a notebook describing the design process to create the "artwork" to butt cut into the metal. In the notebook include:

- A photo (front and back) of the finished project.
- Instructions on how the design was created (include software used). This allows for replication of the project.
- Lessons learned or improvements to the project.
- Steps to finish the project.

*H92007 **Composite Weld Project** - 60% of the project must be welded and 40% made from other materials such as wood, rubber, etc. Type of welder, welder settings, all plans, plan alternations, and a bill for material must be attached to the article. Protect plans with a cover. If project is designed to be outside, it is required to have appropriate outdoor finish because project may be displayed outside.

H920-901 **One additional item** made in the welding project.

LEATHERWORKING

1. Participants may exhibit in only one level of leather working, basic, intermediate, or advanced. In addition, exhibitor may enter in the Leather Garments class.
2. One entry per class.
3. Exhibit must be a complete article made of genuine leather (excluding fasteners, frames, lining, or other inserts) created by the exhibitor. Kits are allowed.
4. Each entry will be judged based on the requirements and level of craftsmanship respective to the class the entry is exhibited under. (Do not enter tanned hides in this class)

H950-901 **Basic Leatherworking Item** Demonstrate basic use of leather tools to create a simple project including but not limited to key chain, coin purse, bag tags, knife sheaths, etc.

H950-902 **Basic Leatherworking Additional Item** Demonstrate basic use of leather tools to create a simple project including but not limited to key chain, coin purse, bag tags, knife sheaths, etc.

H950-903 **Intermediate Leatherworking Item** Demonstrate more advanced techniques (ex: basket stamp, crazy legs, shell, etc.); sewing or lacing is required

H950-904 **Intermediate Leatherworking Additional Item** Demonstrate more advanced techniques (ex: basket stamp, crazy legs, shell, etc.); sewing or lacing is required

H950-905 **Advanced Leatherworking Item** Demonstrate proficiency at more intricate patterns, advanced techniques (ex: filigree work, dying, etc.)

H950-906 **Advanced Leatherworking Additional Item** Demonstrate proficiency at more intricate patterns, advanced techniques (ex: filigree work, dying, etc.)

H950-907 **Leather Garments** Entry must be constructed by the exhibitor from raw materials and can include moccasins, shirt, vest, etc. (no synthetic leathers allowed!)

SCHOOL ENRICHMENT

1. Students and/or classes involved in 4-H School Enrichment projects may be eligible to enter exhibits at county fair.
2. Class posters should measure 28"x22" or smaller and individual posters should measure 12"x18" or smaller.
3. For class projects, only ONE entry per program per classroom.
4. For individual projects, each student may enter their own exhibit.
5. Exhibitor's name, school, and grade should be attached to the right-hand corner of the poster or display.
6. Each class and/or individual may enter one exhibit per class number per School Enrichment program they participated in.

J990-901 **School Enrichment Individual Essay** – at least 100 words in length about "What I Learned in My School Enrichment Project"

J990-902 **School Enrichment Individual Poster** – Use photos and/or drawings to illustrate the learning in your project. Poster should not exceed 22" by 30".

J990-903 **School Enrichment Individual You Be the Teacher exhibit** – Share with others what you learned in the school enrichment project. Can be a notebook or small display of an educational nature.

J990-904 **School Enrichment Class Exhibit** – May be a poster or small educational display demonstrating what the class learned from the school enrichment project.

CLOVER KIDS

1. The purpose of Clover Kids program is to promote the positive development of youth to become competent, caring, contributing citizens. The learning experience is the primary reason for involvement in the program.
2. Any youth ages 5 to 7 by January 1st who is enrolled in the Clover Kid program is eligible to enter exhibits in this division.
3. All exhibits are noncompetitive and will receive participation ribbons with no premium monies.
4. Clover Kids may enter 1 item per class number.

LEAP INTO CAREERS

K900-901 **Career Poster**

K900-902 **Career Story**

K900-903 **Counting Coins** After learning to count coins and understand the importance of saving, create an exhibit to help save money (ex. Piggy bank). Exhibit can be made from any recycled materials and decorated.

FAMILY CELEBRATIONS AROUND THE WORLD

K900-904 **Mexican Pinata** – Exhibit without candy and attach to a clothes hanger

K900-905 **Carp Kite** – Attach to a clothes hanger (windsock)

K900-906 **China Dolls**

K900-907 **Name Art** – On 8 1/2"x11" paper, create your name using different materials

K900-908 **Mother's Day/Father's Day/Grandparents Day Mini Poster** – Using half a sheet of poster board (11"x14") design a mini poster about mom, dad, or a grandparent and you. A story, poem, or pictures may be used.

K900-909 **Other Related Exhibit**

MAKING FOOD FOR ME

K900-911 **Protein Collage** Neatly cut & pasted pictures of protein sources & foods displayed on a collage.

K900-912 **Healthy Snack** Four cookies, bars, muffins, etc. on a paper plate or at least 1 cup of mix. (Examples might include snack mix made from a cereal base, no-bake or simple cookie or granola bar)

K900-913 **Cookies** – Four cookies on a paper plate

K900-914 **No Bake Cookies** – Four cookies on a paper plate

K900-915 **Photo Story** – 3-5 pictures on a poster board showing the process of making food.

K900-916 **Making Food for Me Placemat** - Colored and decorated. Lamination or protection with clear contact paper advised.

K900-917 **Clover Kid Cookie Jar**

K900-918 **Clover Kid Favorite Food Contest** (Logan County only)

K900-919 **Other Foods Exhibit**

THEATRE ARTS

K900-920 **Homemade Puppet**

K900-921 **Picture Story**

CLOVER KID DESIGNS

K900-922 **Clover Kid Design** Clothing Item decorated by youth using any materials

K900-923 **Tie-Dye Shirt**

K900-924 **Fashion Show** (Please complete pre-entry sheet narration form)

K900-925 **Other Clothing Exhibit**

AEROSPACE

K900-926 **Poster** – pertaining to flight

K900-927 **Collage**

K900-928 **Space Craft**

K900-929 **Marshmallow rocket** – Place in a self-sealing bag or cover with plastic wrap

K900-930 **Airplane Drawing**

A SPACE FOR ME

K900-931 **Treasure Board**

K900-932 **Storage Box/Holder/Container**

K900-933 **No Sew Pillow**

K900-934 **Coat Hook or Hanger**

K900-935 **Laundry Basket or Hamper**

K900-936 **Draft Stopper**

K900-937 **Painted Picture**

K900-938 **Color Wheel**

K900-939 **Scratch Art**

K900-940 **Wall Hanging**

K900-941 **Other Home Exhibit**

FIRST AID

K900-942 **First Aid Kit**

K900-943 **First Aid Poster**

FIRE SAFETY

K900-944 **Fire Safety Drawing**

K900-945 **Fire Escape Plan Poster**

BICYCLE ADVENTURES

K900-946 **Hand Signal Poster**

K900-947 **Other Related Exhibit**

HORTICULTURE

K900-948 **Seed Mosaic**

K900-949 **Watch it Grow** (flower/vegetable/fruit) Follow guidelines for exhibiting flower/vegetable/fruit on in the Horticulture section.

OUTDOOR DISCOVERY

K900-950 **Weather & Safety Poster/Project**

K900-951 **Birdhouse/Feeder**

K900-952 **Water Safety Poster/Project**

K900-953 **Exploring Nature** (Ex. Go on a hike and make a collage of what they learned on the hike)

K900-954 **An Insects Life** (Ex. Collage of what goes on with an insect/about one, or bring in a bug house showcasing them)

K900-955 **Let's Get Outdoors Scavenger Hunt** - Scavenger Hunt available at the Extension Office. Youth will create a picture collage of these outdoor objects.

K900-956 **Other Outdoor Exhibit**

MISCELLANEOUS

K900-957 **Clover Kid Speech**

K900-958 **Clover Kid Music Contest**

K900-959 **Clover Kid Presentation**

K900-960 **Other Clover Kid Exhibit**

ANIMAL SCIENCE – Static

K900-961 **Animal Poster** - Critter Drawing. On an 8½" x 11" paper, draw an animal and identify animal parts.

K900-962 **Animal Story** - Handwritten and/or picture story telling how you care for an animal.

K900-963 **Animal Sculpture** – Make a sculpture of your favorite animal using any type of modeling medium (i.e., clay, play dough, bread dough)

K900-964 **Article for Animal** – Ex. Dog toy, scratch post, leash, collar, etc.

K900-965 **Other Animal Exhibit**

ANIMAL SCIENCE

1. Each Clover Kid may bring one entry per class number in the classes listed below.
2. Clover Kids may share an animal owned and properly identified by an older sibling in Lincoln, Logan, and McPherson counties. All animals must meet health requirements. All animals need County Only Tag or Registration Tattoo and animal ID sheet.
3. Dogs and cats must be properly vaccinated, and the 4-H vaccination sheet must be completed.

K900-970 **Clover Kid Dog Showmanship**

K900-971 **Clover Kid Dog Obedience**

K900-972 **Clover Kid Dog Agility**

K900-973 **Clover Kid Dog Rally**

K900-974 **Clover Kid Dog Costume**

K900-975 **Clover Kid Companion Animal**

K900-976 **Clover Kid Poultry Showmanship** (not eligible for market broilers)

K900-977 **Clover Kid Chicken Agility**

K900-978 **Clover Kid Rabbit Showmanship** (not eligible for meat pen)

K900-979 **Clover Kid Bucket Calf** (will not be stalled at Fair)

K900-980 **Clover Kid Sheep Showmanship**

K900-981 **Clover Kid Goat Showmanship**

