



Isanti County 4-H Premium Book

**ISANTI COUNTY FAIR
JULY 20TH- 24TH, 2022**

2022 Isanti County Fair- 4-H Schedule

Tuesday, July 12th

1:00 p.m. - 7:00 p.m.

4-H Fashion Revue judging at the Isanti County Fairgrounds, 4-H Building

Tuesday, July 19th

1:00 p.m. - 7:00 p.m.

6:00 p.m.

7:00 p.m.

4-H Non-Livestock Entry Day

4-H Project Judging

4-H Beef Barn Set up

4-H Dairy Barn Meeting & Interviews

Wednesday, July 20th

8:00 a.m. - 9:00 p.m.

8:00 a.m. - **6:00 p.m.**

8:00 a.m. - **10:00 a.m.**

12:00 p.m. - 9:00 p.m.

1:00 p.m. - 7:00 p.m.

2:00 p.m.

3:45 p.m.

4:15 p.m.

6:30 p.m.

8:00 p.m. - 9:00 p.m.

MILITARY DAY

4-H animal check-in, including non-lactating dairy

4-H Horse **must be checked in by 6 PM**

4-H Goats **must be checked-in by 10 AM**

4-H Poultry and Sheep entry

4-H Animal Project Member Interviews: Poultry & Rabbit in barns

4-H Pet & Cat Show, Kennel Club Shelter

4-H Goat Costume Class, East Show Arena

4-H Dairy Goat Show, East Show Arena

4-H Mandatory Horse Meeting, Horse Arena

4-H Market Beef Weigh-In

Thursday, July 21st

7:30 a.m. - 8:00 a.m.

8:00 a.m.

8:30 a.m.

10:00 a.m.

12:30 p.m.

1:00 p.m.

2:00 p.m.

6:00 p.m.

SENIORS DAY

4-H Horse Training, Horse Arena

4-H Horse Show, Horse Arena

4-H Poultry Show, East Show Arena

4-H Swine Weigh-In and Interviews

4-H Sheep and Goat Weigh-In and Interviews (following Swine Weigh-In)

4-H Performing Arts Judging, 4-H Building Stage

4-H Beef Interviews

4-H Swine Show, East Show Arena

Friday, July 22nd

8:00 a.m.

8:00 a.m.

11:00 a.m.

11:30 a.m.

1:00 p.m.

3:00 p.m. - 6:00 p.m.

6:00 p.m.

7:00 p.m.

KIDS DAY

4-H Horse Show, Horse Arena

4-H Sheep Show, East Show Arena (including Lamb Lead & Wool Show)

4-H Rabbit Show, East Show Arena

Open Class Beef Show, West Show Arena

4-H Demonstration Judging, 4-H Building Stage

4 H Market Goat Show, East Show Arena

Open Class Swine Show, East Show Arena

4-H Fashion Revue Show, 4-H Building Stage

Saturday, July 23rd

9:00 a.m.

9:00 a.m.

10:30 a.m.

11:30 a.m.

12:00 p.m.

12:00 p.m.

1:00 p.m.

5:00 p.m.

6:00 p.m.

4 H DAY

4-H Beef Show, West Show Arena

4-H Horse Self-Determined, Horse Arena

4-H Llama and Alpaca Show, East Show Arena

4-H Dairy Show, West Show Arena (immediately following Beef Show)

4-H State Fair and 4-H State Horse Show Trips acceptance deadline, 4-H Building Office

4-H Auction animals selected - scripts due in 4-H Building Office (**no exception**)

Open Class Sheep Show, East Show Arena

4-H Livestock Auction, East Show Arena

4-H Gymkhana, Horse Arena

Sunday, July 24th

9:00 a.m.

10:00 a.m.

11:30 a.m.

1:00 p.m.

2:00 p.m.

6:00 p.m.

FAMILY DAY

4-H Challenged Riders, Horse Arena

4-H State Fair Meeting (East Show Arena)

4-H Miniature Horse Show, Horse Arena

4 H Parade of Champions Horse Arena

4-H Round Robin Showmanship Contest (East & West Show Arena)

4-H Exhibits released (Please do not remove your exhibit before this time.)

Saturday, July 30th

9:00 a.m.

4-H Dog Show, Isanti County Fairgrounds

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Isanti County 4-H Council Officers

Reese Wilking, President
Grace Torkelson, Vice President
Jessica Manion, Treasurer
Andrina Gross, Youth Representative

Erik Wentworth, Adult Advisor / President
Marcy Stoeckel / Vice President
Angela Mossberg / Adult Treasurer
Colleen Bell, Adult Advisor / Secretary
Lindsey Majzner / Youth Representative

Isanti County 4-H Clubs & Leaders

Lakeside Victory

Mo Spike

Sugar Maple Kids

Audrey Deschenes

Long Lake Leaders

Marcy Stoeckel

Wild River Pioneers

Joan Lenzmeier

North Ridge Rangers

Penny Hagfors

Dalbo Patriots

Nick Carlson

New to 4-H and the County Fair?

If you are new to 4-H in Isanti County, you may have questions about showing at the county fair. Be sure to read through this 4-H premium book – it will answer many of your questions. Here is some additional information to help you through your fair experience.

Q. Where do I go once I get to the fairgrounds?

A. General (Non-livestock) Exhibits: Entry Day is from 1:00 pm to 7:00 pm on the Tuesday before the fair (July 19th). General Exhibits are judged at the 4-H building on the east side of the fairgrounds. Please do not park in front of the 4-H building or block the roads and areas being set up by outside vendors. There will be a check-in table inside the building to pick-up an entry card for each exhibit registered on your county fair registration form (from FairEntry). Youth will also receive a wristband for free gate admission for the duration of the fair if you are current on all of your dues and fees. After entry cards are received, proceed to judging. Judging tables are set up throughout the exhibit building by project area (Note: some judges will judge multiple project areas and some project areas may have several judges). Locate the appropriate judge for each of your projects. There may be a line waiting to speak with a judge, so you may have to wait. Be sure to arrive with plenty of time to visit each judge you have a project for. When you meet with the judge you will discuss why you selected the project, the process you took to complete the project and more! It might be helpful to practice with a parent or friend in advance. All projects are judged on entry day except Fashion Review and Animal Science (Livestock projects) projects.

Animal Science (Livestock projects): Animal Science projects can arrive beginning at 8 AM Wednesday of the fair (July 20th), with the exception of Poultry & Sheep, which can begin arriving at Noon. Animals must be in place by 9 pm. NOTE: Goats must be in place by 10:00 am for check-in. For all species, check in when you arrive at the barn. During check-in the barn superintendent will assist with stalling and health checks.

Q. Do I have to leave my animal or exhibit at the fair the whole time?

A. Yes, projects are released at 6:00 pm on Sunday of the fair (July 24th). It is important for all fair goers to fully experience the depth of the 4-H program. The only exception to this policy is for animals entering the Pet show. Pets should be taken home immediately after they are shown.

Q. Who cares for my animal?

A. You do! Your animal is your responsibility at the fair. Bring whatever you need to feed and care for your animal at the fair. Animals must be well cared for and should be kept neat and clean. There will be herdsmanship judging and prizes for the best kept barn, which is based on how well the barns, stalls and cages are maintained. Remember, every animal should always have access to fresh clean water! We do understand that feeding schedules may vary from one family to another but we need to ensure we are showing the best possible care for our animals.

Q. Where do I get help?

A. During the fair the 4-H Office in the 4-H building is staffed from 8 am to 5 pm unless noted elsewhere. There are also adult volunteers in each of the barns.

Q. Can I take my project to the State Fair?

A. That is a complicated answer! Please check out more information on page 6.

State Fair Trip Procedures

- Minnesota 4-H determines a quota, or the number of youth we can send to the state fair in each project area.
- After events are judged (entry day, livestock shows, etc.) judges select the projects they feel are State Fair competition worthy. The judge will then make a list with the 4-H members' names along with which projects should go to the state fair. The number of entries on the list will depend on the discretion of the judge and may contain more projects than the number of trips in our quota. This list is referred to as the "State Fair Line-Up". Lists are displayed outside the 4-H Office in the 4-H Exhibit Building.
- It takes time to gather and post judging lists, so please be patient and check back often if you do not see results posted.
- All exhibitors should check the State Fair line-up starting Wednesday afternoon for general exhibit results.
- **IMPORTANT: If your name is on a list, you must write a yes or no next to your name on the State Fair line-up sheets on the 4-H Fair office window by noon on Saturday July 23rd.** The only exception to this is Dairy show participants who may write "Pending Dairy" next to a trip in other species until the Dairy show is complete.
- **IMPORTANT: Check the lists early and mark any trips you are not taking to allow alternates to accept those trips!**
- **IMPORTANT: A MANDATORY State Fair meeting will be held in the East Show Arena at 10:00 am on Sunday of the fair (24th) to go over forms, questions, requirements and submit State Fair Registrations.**
- To be eligible to participate in the Minnesota State Fair through 4-H, youth must have completed 6th grade (except for Share the Fun and County Arts-In), and met all the deadlines.
- All blue ribbon winners in the 4-H Dog Show are eligible to enter the State 4-H Dog Show in the classes a blue ribbon was earned at the county dog show. Participants must have completed 3rd grade.
- Youth can exhibit both livestock and general exhibits.
- All projects need to be taken home at the end of the fair. Projects left at the fairgrounds will be disposed of. Projects going to the State Fair must be brought into the Extension Office by Monday, August 15th by 4:30 pm. Projects can have repairs or changes made that were recommended by the judge. Please package your project for safety during transport. If you have an oversized project, livestock project, or perishable project it is your responsibility to transport to the State Fair. You may also transport your own project, but you must let the office know by August 15th! Please contact J.C. Johnson if you have questions on transportation.
- State Fair Livestock Encampment is Wednesday, August 24th through Sunday, August 28th-except Llama and Alpaca.
- Llama and Alpaca Encampment is Wednesday, August 31st through Friday, September 2nd.
- General Project Encampment is Thursday, September 1st through Saturday, September 3rd. Project judging dates will be listed in the State Fair Premium book available at the county fair.

37th ANNUAL ISANTI COUNTY
4-H LIVESTOCK PREMIUM AUCTION

Saturday, July 23th, 2022 • 5:00 pm

Show Arena east of the Swine Barn

BEEF -- DAIRY -- SWINE -- SHEEP -- POULTRY -- RABBITS -- GOAT

We welcome business and families to support the Isanti County 4-H program and 4-H youth through purchase of a ribbon.

Rules for 2022 4-H Livestock Premium Auction, Isanti County Fair

1. Eligible for the auction are: Market Cattle, Dairy, Swine, Market Lambs, Market Poultry, Rabbit Fryers, Market Goats, and Grand Champion Eggs.
2. Blue ribbon exhibits only will qualify for auction.
3. Twenty percent (20%) of bid price will be retained by Isanti County 4-H to support Isanti County 4-H programs and auction expenses.
4. There will be no limit or ceiling on the auction.
5. The successful bidder has the 1st option to purchase the animal at current assessed market value (the auction program will indicate if the animal is available for purchase.)
6. For market swine, lambs, chickens, ducks, turkeys, rabbits and goats, only blue ribbon animals entered in the auction class are eligible for auction. Animals in State Fair classes are not eligible for auction.
7. Buyers are to settle with the sales clerk after the sale.
8. Market cattle, swine, lambs and goats may be slaughtered at the designated locker plant and can be exhibited in the carcass contest. All other animals will be purchased live.
9. Meat Processing is the buyer's responsibility and expense.
10. Market cattle, swine, lambs, and goats will be weighed as the schedule dictates.
11. No drugs may be administered to livestock, poultry, or rabbits that would cause meat to be condemned. Carcass problems in market cattle, sheep, goats, & swine are determined by the carcass judge.
12. The Market cattle must be finished or near finished according to their frame size as determined by the judge.
13. 4-Hers and their auction exhibits must be clean and show fit; animals clean & groomed; exhibitors in show clothes.
14. Maximum number of animals will be: 5 market cattle; 2 dairy; 5 lambs; 10 swine; 4 pens of rabbits; 5 pens of chickens; 5 pens of ducks; 1 pen of geese; 1 pen of turkeys; 2 egg production; 3 market goats. 4-Her may only sell one premium.
15. 4-H'er must be present at Auction and must show their own animal.
16. 4-H'ers not following the rules will be eliminated from the Auction. All exhibitors have signed the Minnesota 4-H Code of Conduct. Those rules will be enforced in the Auction and for the duration of the fair.
17. All animal ID and County Fair deadlines must have been met, including completion of LQA&E training.

Auctioneers: Lyle Bostrom, Nate Bostrom, Steve Smith

Clerk: Bostrom's Auctions

***Thank you Auctioneers and Clerks for donating
your services!***

4-H Exhibit Rules and Guidelines

Minnesota 4-H has developed a series of policies to provide continuity in programming from county to county and address risk management of our events and activities at county and state fairs. These statewide policies are accessible here and include but are not limited to:

- [Absentee judging of projects](#)
- [Judging experiences for youth with disabilities or injuries](#)
- [Cloverbud Policies and other info regarding age, judging procedures, showing animals, etc...](#)
- [Code of conduct](#)
- [Grievance Policy](#)
- IAFE Show Ethics – [IAFE Show Ethics](#)

Fair Registration

Fair registration is due in the FairEntry system by 11:59 PM on July 1st. If registration is received after the deadline, youth will be ineligible for champion placing, state exhibit and the 4-H Livestock Auction. 4-H does offer a one time exemption for the life of the 4-H member. If you miss the deadline, please contact the local 4-H Extension Educator to discuss options. Youth must be registered in Isanti County 4-H to exhibit at the Isanti County fair through 4-H. Youth may exhibit, demonstrate or participate in any project in which they are also enrolled by July 1st. **Be sure to double check your project enrollment.** Livestock projects must also follow animal identification deadlines.

Premiums

All youth earning a premium check will receive an email containing the youth's name, projects, and corresponding premium amounts. It is your responsibility to verify the accuracy of the information and to contact the office with corrections within 1 week following the email notification. Incorrect premium checks identified after the deadline will not be corrected! County fair premium checks will be mailed to youth exhibitors following the fair. Please make every attempt to deposit or cash checks ASAP!

Clover Family Café

Isanti County 4-H will have a Cafe at the Isanti County Fair! This has been a great fundraiser for Isanti County 4-H in the past. Also it has been a great tool for creating community, teaching youth the skills of working in a restaurant environment, money handling skills, cooking skills and teamwork! Hours and shifts will be determined by the Cafe Committee. It is the expectation that all families will work shifts as a family to help support this county fundraiser. Families are not able to buy out of this fundraiser. **If families do not sign up for shifts and work those shifts they will forfeit their fairboard premium checks.**

Fair Information

Every effort will be made to assure the safety of all entries but Isanti County 4-H or Isanti County Fair is NOT responsible for loss or damage to exhibits. 4-H exhibits are entered and displayed at the risk of the exhibitor. Carefully consider whether exhibits with great sentimental and/or monetary value should be exposed to the hazards of the fair. **No dogs will be allowed on the fairgrounds or in camping areas, except those being exhibited during the Pet show.**

Camping / Curfew

All camping is managed by Isanti County Fairboard. Forms are available on the [Fair website](#). 4-H members are not encouraged to stay overnight. Parents assume all responsibility for children's behavior and safety.

There is a curfew of 12:00 a.m. for all 4-H youth - camping or not. Between the hours of 12:00 a.m. and 4:00 a.m., all 4-H members camping on the grounds must be at their tent or camper. All 4-H'ers not camping on grounds must have left the fairgrounds unless accompanied by an appropriate guardian. Please remember that you are NOT allowed to bring your DOGS to camp with you.

Cloverbuds

Cloverbud exhibits, including livestock posters, will not be judged blue, red and white. Instead, all will receive participation recognition. Cloverbuds have different rules they must follow than other 4-Hers. They cannot have control over animals and must have adults or older youth help them show. See additional rules [here](#)

Static Projects/Non-Livestock Projects

Youth will be eligible for all show related premiums, awards, and participation in the state event when exhibition requirements are met (and appropriate permissions are granted by 4-H Program Staff). Exhibits will be released at 6:00 pm on Sunday of the fair (July 24th).

Please do not remove your exhibit before then as we have an agreement with the Isanti County Fair Board for exhibits to remain in place until Sunday at 6 pm. Approved early release is an exception to the rule and becomes a 4-H staff and fair board decision based on each situation.

Members may exhibit, demonstrate, or take part only in projects in which they are enrolled. All work on projects entered should be done by the 4-H member and completed during the current 4-H year.

Poster exhibits may not exceed 22" wide x 28" high. They may be smaller.

Education/Science Tri-Fold Exhibits for all project areas may not exceed 12" deep x 24" wide x 36" high. (Center back 24" wide x 36" high, right and left wings each 12" wide x 36" high.)

All exhibits will be evaluated by a conference with the judge. During conference judging there may be lines in the exhibit building. Please plan to arrive with plenty of time to get all exhibits judged. Also, be courteous to other members waiting in line for conference judging.

Project judging criteria:

- | | |
|----------------------------------------------|------------|
| i) Exhibit quality | 25% |
| ii) Educational value | 25% |
| iii) Knowledge and ability to explain | 50% |
- Decision of the judge is final and may not be appealed.**

Floor Space for any exhibit should not exceed 20 square feet. If your exhibit exceeds this space limitation, contact the Extension office.

All exhibits must be labeled with name, club, and county. Do not include address or phone number. Other appropriate information for the project (i.e. vegetable varieties) should be included. If the exhibit has multiple pieces, each part needs to be labeled and should indicate 1 of 4, 2 of 4, etc.

Copyright Law and Infringement:

- a) Copyright is a form of protection given to authors and creators of "original work. Original work includes a person's ideas captured in writing or as an image, photograph, song, audio recording, or visual recording.
- b) All original work – including information found on the web – is subject to copyright protection. The author/creator has exclusive rights to reproduce, distribute, display, perform or make derivative works.
- c) Before using another person's work as part of your 4-H exhibit, be sure that the work is subject to fair use, has a creative commons license or that you have requested and received permission (in writing) to use the original work. If an exhibit infringes on copyright law, a decision may need to be made to remove the exhibit from display at the county or state fair.

Animal Science / Livestock Exhibits

Livestock exhibits, other than lactating dairy cattle, must be checked-in by 9:00 pm on Wednesday of the fair (July 20th). NOTE: Goats must be checked-in by 10:00 am on Wednesday of the fair (July 20th) for show preparation. Animals will be released at 6:00 pm on Sunday of the fair (July 24th).

All beef, dairy, dog, goat, horse, llama-alpaca, rabbit, sheep and swine shown in 4-H livestock shows must have the required State 4-H ID system, ear tag and/or tattoo. Animal ID data must be submitted online no later than May 16, 2022 (with the exception of Market Beef due Feb. 15, 2022). Please contact the Extension office if you need help with IDing your animals.

All animals exhibited must be owned solely by the member, member's family or leased by agreement. The family includes the 4-Hers parents or guardians and siblings living together as a family unit. The definition of family includes an extended family where the animals may be owned by grandparents with the 4-Her's parents actively involved with and working on the farm. Animals owned in partnership with non-family members (as defined above) must be leased and follow guidelines within the lease information.

Registered animals, not leased, must be registered in the exhibitor's name and/or the exhibitor's family name, or family's farm name.

4-Hers exhibiting livestock at the County Fair are responsible for the care and feeding of animals they exhibit.

Note - **Cloverbud** exhibits, including livestock posters, will not be judged blue, red and white. Instead, all will receive participation recognition.

All livestock exhibits, including showmanship, must be pre-registered. Members in animal projects may exhibit one animal per class, unless stated otherwise.

All 4-Hers exhibiting livestock at the county fair are eligible to participate in showmanship. 4-Hers must show their own animals.

State Grooming & Fitting Rules:

All grooming of livestock at the fair, including clipping, trimming and manipulation of the hair/wool (such as blocking on sheep, pulling up hair on beef and working up top lines on dairy) must be clearly done by the exhibitor, members of the immediate family (parents, step-parents, legal guardians, grandparents, brothers or sisters) or any other enrolled Minnesota 4-H member.

To show in the registered breed classes, animals must meet registration requirements for that breed and registration papers must be available. All animals without registration papers (crossbreeds and grades) must be shown as commercial.

All animal health regulations will be in effect as stipulated by the Minnesota Board of Animal Health and the Isanti County Agricultural Society.

Members should bring their own grain, hay and additional bedding needed. Shavings are provided but families will be responsible for providing extra bedding if they choose to supplement shavings.

If the official fair veterinarian is called to the fairgrounds, the family with the ill animal is responsible for all costs.

State Fair or State Show Eligibility

Trips for State Fair, State Horse Show and State Dog Show will be selected from blue ribbon exhibits only (see state dog show rules for exceptions).

Members selected to represent the county at the State Fair and State Horse show must have completed sixth grade.

To be eligible for a livestock trip to the State Fair, 4-Hers must have completed Livestock Quality Assurance/Ethics Training. State Policy: All youth participating as a State Fair 4-H livestock exhibitor in beef, dairy, sheep, swine, poultry, rabbits, meat goat, dairy goat or llama-alpaca must have completed the Livestock Quality Assurance and Ethics workshop prior to the qualifying event (the Isanti County Fair). Certification of in person class is valid for three fair seasons and online class is valid for one year. The level of training required is determined by the grade of the youth at the time training is completed.

In addition to qualifying state fair exhibit trip(s), 4-H members may participate in activities such as Share-the-Fun, Demonstrations, Arts-In or Judging Teams

[Competitive events, deadlines, consequences and exemption options](#). Every Minnesota 4-H member is eligible for a "one-time" member exemption. This exemption provides the ability (one-time in a 4-H member career) for the 4-H member to acknowledge they missed a 4-H deadline related to enrollment or competitive event participation and waive the consequences for the named deadline. Exemptions may be used for county fair pre-entry registration requirements, but may not be used for State Fair trip sign-up deadlines.

Distribution of unused livestock trips: Minnesota 4-H wants to provide as many 4-H members as possible the opportunity to experience the Minnesota State Fair judging process. To ensure as many youth as possible have the opportunity to participate in a livestock judging experience at the Minnesota State Fair, staff and volunteers are asked to follow the outlined process for the distribution of unused livestock quota trips.

To ensure all trips are utilized, members must write a yes or no next to their names on the state fair line up listings posted on the 4-H Fair office window **by noon Saturday of the fair (July 23)**. EXCEPTION: Dairy show participants may write "Pending Dairy" next to a trip in another species until the dairy show is completed.

4-H youth that have been awarded a 4-H State Fair livestock trip through the local 4-H qualifying show must keep their designated trip animal on the county fairgrounds until the official release time to remain eligible for the 4-H State Fair trip. In the event that a youth/family requests an early release to travel/attend a national junior livestock show and education event, prior arrangements for early release must be made with and approved by the local 4-H staff and communicated to the county fair board. Proof of national junior show participation (program with youth's name, printed class placing information) must be presented to local 4-H staff upon return to the county to maintain eligibility for the Minnesota State Fair 4-H livestock shows.

4-H youth that have been awarded a 4-H State Fair general project trip through the local 4-H qualifying show must keep their designated trip project on the county fairgrounds until the official release time to remain eligible for the 4-H State Fair trip.

The following page contains the number of exhibits allowed in each project area.

IMPORTANT: To enter multiple projects in a project area, you will need to create multiple entries in [FairEntry](#).

Six (6) exhibits can be entered in these project areas:

Fashion Revue Constructed Clothing
 Fashion Revue Purchased Clothing
 Fashion Revue Upcycled Clothing
 Demonstrations
 Fleece
 Food Revue

Up to six (6) exhibits can be entered in these project areas unless specified in another section:

Aerospace
 Agronomy
 Animal Science Education (*refer to Animal Science Projects section for species-specific guidelines*)
 Bicycle
 Cake Decorating
 Child & Family Development
 Citizenship
 Clothing & Textiles - refer to above section for Fashion Revue quotas
 Consumer Education & Money Management
 Crop Sciences
 Electric
 Engineering Design / Robotics
 Exploring Animals
 Fishing Sports
 Foods and Nutrition
 Vegetable, Fruit and Herb Gardening
 Global Connections
 Health & Wellness
 Home Environment
 Horticulture

Up to six (6) exhibits can be entered in these project areas:

Creative Arts – combined Crafts and Fine Arts cannot exceed (6) exhibits
 Photography
 Baked Goods / Prepared Food Products - refer to above section for Cake Decorating quota

Up to eight (8) exhibits can be entered in this project area. Exceptions:(3) exhibit in Food Revue, (1) Showmanship in Livestock project areas:

Cloverbuds

One (1) exhibit per club can be entered in these projects:

Club Banner
 Club Scrapbook
 Community Pride

PREMIUM AMOUNTS			
Project Area	Blue	Red	White
Beef, Dairy	\$8.00	6.00	4.00
Goat, Sheep, Swine, Llama	\$5.00	3.00	2.00
Horse Training, Challenged Riders			
Dog, Poultry, Rabbit	\$4.00	3.00	2.00
Horse	\$3.50	2.75	2.00
Pets, Cats	\$3.00	2.00	1.00
Showmanship	\$3.00	3.00	3.00
Animal/Vet Science, Pet/Cat/ Dog Education, Horse Related, Horseless Horse Exhibit	\$3.00	2.00	1.00
Cloverbuds	\$3.00	----	----
Participation	\$3.00	----	----
Creative Arts (Participation)	\$3.00	----	----
Performing Arts (Participation)	\$3.00	----	----
General Exhibits (non-livestock)	\$3.00	2.00	1.00
Tractor	\$4.00	3.00	2.00
Self Determined	\$5.00	3.00	2.00
Demonstrations	\$3.00	2.00	1.00
Club Exhibit	\$10.00	8.00	6.00

Industrial Technology
 Mechanical Science
 Natural Resources
 Needle Arts
 Performing Arts
 Pets
 Quilting
 Safety
 Science Inquiry
 Self-Determined
 Shooting Sports
 Small Engines
 Technology
 Tractor
 Veterinary Science
 Video/Filmmaking
 Wildlife Biology & Management
 Youth Leadership

Important Livestock Fair Contacts:

<i>Project Area</i>	<i>Project Leaders</i>	<i>Barn Supervisor</i>	<i>Assistant Barn Supervisor</i>	<i>Show Manager</i>	<i>Assistant Show Manager</i>
Goat	Dawn Quale 763-234-7145 Kayty Voight	Rick Voight 320-260-3002	Kayty Voight Jenna Quale	Lynn Voight 320-260-3002	Kimmy Quale 763-234-7145
Poultry	Joan Lenzmeier 612-599-1759	Joan Lenzmeier 612-599-1759	Ty Redmann 320-396-0308	Shawn Redmann 320-396-0308	Tiana Lenzmeier 612-741-6018
Swine	Eric Wentworth 763-245-7431	Eric Wentworth 763-245-7431	Nina Laase 763-301-0717	Eric Wentworth 763-245-7431	Nina Laase 763-301-0717
Sheep	Amanda Johnson 763-645-7997	Nick Carlson 763-439-4476	Keith Johnson 612-221-4438	Amanda Johnson 763-645-7997	
Beef	Jami Wilking 952-994-1046	Beth Sorenson 763-202-3858	Mykenzie Kutney 763-301-4386 Cullen & Aiden	Jami Wilking 952-994-1046	Ella & Karston Kutney 763-910-5600
Dairy	Jenni Skiba 612-756-2838	Jenni Skiba 612-756-2838	Abigail Skiba 651-674-0157	Julie Foss 612-770-4055	Allison Foss 612-770-4055
Rabbit	Cassie Torkelson 651-470-7391	Chad Torkelson 651-470-5116	Holly Gerard 612-250-3150	Cassie Torkelson 651-470-7391	Kristina Gerard 612-254-5778
Llama and Alpaca	Extension Office 763-689-1810				
Horse	Angie Olson (763) 227-4159	Krisanne Wessel 612-715-3101	Katy Gleason 612-877-0180	Mo Spike (763) 439-1982	Stacey Boettcher (763) 276-6101
Dog	Grace Shull 612-865-9952	Elizabeth Vander Berg 651-319-2672		Angie Fisk 612-594-2965	

ANIMAL SCIENCE PROJECTS

- All animal ID's will be thoroughly examined and verified at check in (ear tags, notches, tattoos, scrapies, leg bands, etc.)
- A visual inspection and affidavit check will be done by a project volunteer before animals are penned. Animals may be isolated upon inspection so the fair veterinarian can check them over. Animals not passing veterinarian inspection will be sent home and will not be allowed to exhibit.

ANIMAL PROJECT INTERVIEWS: ALL 4-Hers enrolled in Beef, Sheep, Swine, Dairy, Llama and Alpaca, Horse, Goat, Poultry, Rabbit, Dog. (Pets and Cats already are interviewed as part of the judging.) All members with animal exhibits will participate in interviews. All members need only one interview, regardless of the number of animal projects you show. (Exception is Dairy, Poultry, and Rabbit these are mandatory). Interviews will evaluate your knowledge of care, nutrition, management, reproduction, breeds and other topics. Interviews will be about 5 minutes.

Prizes: All members in a barn must interview for the barn to be eligible for the Herdsmanship prize!

SCIENCE OF ANIMALS EDUCATIONAL EXHIBITS

HEALTH/BREEDING/PRODUCTION EXHIBIT

Beef
Dairy
Goat-Dairy
Goat-Meat
Poultry
Rabbits
Sheep
Swine

ZOONOTICS EXHIBIT

Beef
Dairy
Goat-Dairy
Goat-Meat
Poultry
Rabbits
Sheep
Swine

OTHER

Beef
Dairy
Goat-Dairy
Goat-Meat
Poultry
Rabbits
Sheep
Swine

Exhibit Suggestions:

- Items constructed (such as feeding systems or show equipment) or science exhibits focusing on one of the four divisions listed above.
- These projects may be enhanced with 3-dimensional displays, posters or notebooks

State Fair trips will be available. Exhibits will be judged during Livestock Weekend and 4-Hers may exhibit both an animal (if awarded a trip from the county show) and a Science of Animal Educational Exhibit. NOTE: Llama-Alpaca, Poultry and Rabbit promotional and educational posters are an exhibit item at the state level and may be entered as a poster in each respective area.

ROUND ROBIN SHOWMANSHIP

Sunday, 2:00 pm

The top senior show person (8th grade & up) in beef, sheep, swine, dairy, dairy goat, market goat, llama-alpaca, horse, poultry, and rabbit will compete for the top show person of Isanti County 4-H. At the east end of the Fairgrounds, the 10 participants will each show dairy, beef, horse halter, swine, sheep, dairy goat, market goat, llama-alpaca, poultry, and rabbit. Participants earn points based on their placing in each contest; the top point earner will be the winner. Emphasis will be on the exhibitor's showmanship ability. The judging includes a short interview to determine knowledge of that animal. All entries and deadlines must be met to be eligible to compete.

HERDSMANSHIP

Herdsmanship contests will be judged by barns and animal species - not by club. Barns will be judged twice a day; Ambassadors will post scores daily. Prize: top barn receives prize. If a 4-H member is not meeting the standards of herdsmanship they will receive a warning. After the second warning the 4-H member may be sent home at the Extension Educator's discretion.

BEEF

Barn Fee - \$10 per animal. Must be paid at time of fair registration. The Show Manager and Barn Superintendent reserve the right to split or combine classes as needed.

<u>Birth Dates</u>	
Early Spring Calf	Jan 1, 2022 – Feb. 28, 2022
Late Spring Calf	March 1, 2022 – April 30, 2022
Early Fall Calf	Sept. 1 – Oct. 31, 2021
Late Fall Calf	Nov. 1 – Dec. 31, 2021
Early Summer Yearling	May 1 – June 30, 2021
Late Summer Yearling	July 1 – Aug 31, 2021
Early Junior Yearling	Jan. 1 – Feb 28, 2021
Late Junior Yearling	March 1 – April 30, 2021
Senior Yearling	Sept. 1 – Dec 31, 2020
Cow and Calf Pair	Calf born on or after January 1, 2022
Prospect Calf	Jan 1 – Apr 30, 2022

Market Beef	Born on or after January 1 to August 31, 2021
Dairy Steer	Born on or after January 1 to August 31, 2021
Feeder Steer	Born Sept 1 to Dec 31 of previous year

BREEDING HEIFER

Use the following Classes, with birth dates above, to indicate the age of your project animal(s):

- Early Spring Calf
- Late Spring Calf
- Early Fall Calf
- Late Fall Calf
- Early Summer Yearling
- Late Summer Yearling
- Early Junior Yearling
- Late Junior Yearling
- Senior Yearling

Requirements:

- Beef heifer ownership ID forms and/or lease agreements must be on file in mn.4honline.com by June 1st of the current year.

COW AND CALF

- Cow/calf pair (2 year old cow)
- Cow/Calf Pair (3 year or older Cow)

Requirements:

- The calf in cow/calf may be shown separately in the Heifer Calf class or the Feeder Steer Class if it fits the age requirements. Bull calves may not be exhibited separately.

PROSPECT CALF

- Beef - Heifer Calf
- Beef - Steer Calf

MARKET BEEF

- Market Steer (Fitted)
- Market Steer (Slick-Shorn)
 - Youth can show two market steers, one slick-shorn and one fitted.
- Market Heifer
- Feeder Steer

Requirements:

- Recommended minimum weight for State Fair is 1,000 pounds; maximum weight is 1,500 pounds. Market animals exceeding the maximum weight will not be eligible for State fair.
- Slick-Shorn will be verified during weigh-in at County Fair- Guidelines: https://docs.google.com/document/d/1SPkFFGLd2OXtzvvi6_PeJkYIItTwwHKBZZc5UsxmTIM/edit#heading=h.3znysh7

DAIRY STEER

- Dairy Steer
- Crossbred Dairy Steer
- Dairy Feeder Steer

Requirements:

- Recommended minimum weight for State Fair is 1,000 pounds; recommended maximum weight is 1,600 pounds. Purebred Dairy Steers must be 100% dairy breed. The following breeds will be accepted without registration papers: Ayrshire, Brown Swiss, Guernsey, Holstein, and Jersey. Milking Shorthorn dairy steers must be registered with the American Milking Shorthorn Society and not carry the "S" suffix.
- Dairy Steers showing permanent teeth may be shown, but they can place no higher than a red ribbon and they will not be eligible for State Fair or auction.
- Crossbred Dairy Steers must be at least 50% from the acceptable breeds listed for the Pure Breed Dairy Steer division, with the balance being from any other beef or dairy breed; however, the steers must show adequate dairy steer characteristics, as determined by the screening committee. Exhibitors should be prepared to identify the breeds of their crossbred dairy steer.

BEEF SHOWMANSHIP

Blue, red, and white placings will be given to all exhibits, with a grand and reserve awarded to the two best showmen in each lot. All animal showmanship entries must be listed on the county fair registration.

- Senior showman (9th Grade & Up)
- Intermediate Showman (6th - 8th grade)
- Junior Showman (3rd – 5th grade)

BEEF POSTER

County class only. If entered with state advancement intent, enter in Science of Animals or Exploring Animals. Science of Animals exhibits will be judged on general project day.

CLOVERBUD BEEF SHOWMANSHIP

All animal showmanship entries must be listed on the county fair registration. All youth participating will receive a green participation ribbon.

Cloverbuds

Cloverbuds beef poster

- Cloverbuds are eligible to show any beef animal.
- An adult/responsible person will be in control of the animal at all times. The cloverbud may walk alongside the parent or responsible adult to have dialog with the judge. At no time should the parent/responsible person turn over primary control to the cloverbud

- Cloverbuds may show a siblings or mentors beef animal
- If a cloverbud shows their own calf it should stay at the county fair for the duration of the fair

OTHER BEEF (Ribbon only. No trophy, no premium).

- Beef Get of Sire: Three animals, either sex, by one sire. All animals must be exhibited in their correct 4-H beef class as individuals to enter this class. Name the sire on FairEntry form.
- Beef Produce of Dam: Two animals as the produce of one cow, any sex, any age, may be from different bulls. Both animals must be exhibited in their correct 4-H beef class as individuals to enter this class. Name the dam on fair entry form.
- Daughter/Dam: Entry must consist of both mother/daughter combinations, both exhibited in the 4-H show by the same exhibitor.

DAIRY

Barn Fee - \$6 per animal. Must be paid at time of fair registration. All non-lactating 4-H Dairy cattle will need to be stalled and at the fair no later than 9 PM Wednesday night. Lactating/Milking cows, will be treated as a trailer show, and can arrive as late as Saturday morning

Birth Dates:	
Spring (Junior) Calf	March 1 st – May 31 st , 2022
Winter calf	Dec 1, 2021 to Feb 28, 2022
Fall calf	Sept 1 to Nov 30, 2021
Summer Junior Yearling	June 1 to August 31, 2021
Spring Junior Yearling	March 1 to May 31, 2021
Winter Senior Yearling	Dec 1, 2020 to Feb 29, 2021
Fall Senior Yearling	Sept 1 to Nov 30, 2020
Junior 2 year old	March 1, to Aug 31, 2020
Senior 2 year old	Sept 1, 2019 to Feb 28, 2020
Three year old cows	Sept 1, 2018 to Aug 31, 2019
Four year old cows	Sept 1, 2017 to Aug 31, 2018
Aged Cow	Born before Sept 1, 2017
Dry Cow	Dry cow of any age

***Spring calves are now eligible for the state fair**

- Brown Swiss
- Guernsey
- Holstein
- Jersey
- Milking Shorthorn
- Red & White
- Crossbred & Other Breeds

Use the following Classes, with the Divisions (breeds) and birth dates above, to indicate the age of your project animal(s):

- Spring (Junior) Calf
- Winter calf
- Fall calf
- Summer Junior Yearling
- Spring Junior Yearling
- Winter Senior Yearling
- Fall Senior Yearling
- Junior 2-yr old cow
- Senior 2-yr old cow
- Three-year-old cow
- Four-year-old cow
- Aged Cow (five years and older)
- Dry Cow (any age)

Requirements:

- Senior Yearlings that have calved must compete in the two-year-old cow class.

DAIRY SHOWMANSHIP

- Senior Showman (9th grade & up)
- Intermediate Showman (6th – 8th grade)
- Junior Showman – (3rd – 5th grade)

DAIRY POSTER

County class only. If entered with state advancement intent, enter in Science of Animals or Exploring Animals Science of Animals exhibits will be judged on general project day.

DAIRY INTERVIEW

- Dairy Interview - Grades 9+
- Dairy Interview - Grades 6-8
- Dairy Interview - Grades 3-5
- Dairy Interview- Cloverbuds

CLOVERBUD DAIRY SHOWMANSHIP

All animal showmanship entries must be listed on the county fair registration. All youth participating will receive a green participation ribbon.

Cloverbuds

Cloverbuds Dairy Poster

- Cloverbuds are eligible to show any dairy animal that has been identified by them or another 4-Her
- An adult/responsible person will be in control of the animal at all times. The cloverbud may walk alongside the parent or responsible person to have a dialog with the judge. At no time should the parent/responsible person turn over primary control to the Cloverbud.
- Cloverbuds may show a sibling's or mentor's dairy animal
- If a Cloverbud shows their own dairy animal it should stay at the county fair for the duration of the fair

OTHER DAIRY (No Premium or State Fair Trip) 4-H Dairy Herd (Ribbon Only)

- Entry must consist of 3 females. All three animals must be exhibited in the 4-H show by the same 4-H exhibitor.

Daughter/Dam (Ribbon Only)

- Entry must consist of both mother/daughter combinations, both exhibited in the 4-H show by the same exhibitor.

Dairy Production Class (Ribbon only)

- Exhibitors may enter any two-year-old or older animal that has completed a 305 day lactation record. Verified Central Processed DHIA records will be considered for this recognition. The cow must be currently enrolled in the Central Processed DHIA record at time of fair. Turn in production information to the show manager by entry day. The value of the milk produced will determine the winners – not milk yield. Animals must be exhibited to be eligible.

Dairy Performance Index (Ribbon Only)

- This class is limited to 4-H'ers showing animals less than 3 years old that have not completed a 305 day lactation record. The animal must be sired by a bull with a published sire summary or by a young A.I. bull with a pedigree index available on the sire summary page. The dam must be identified by registration or ear tag number, herd code computer number and farm name. The PTA of the sire plus the PTA net merit of the dam divided by two will be used to determine ribbon placings. Entry will be made by submitting a copy of the Cow Slip to the show manager by entry day. Animal must be exhibited to be eligible.

GOAT - DAIRY

Barn Fee - \$2 per animal. Must be paid at time of fair registration.

Note: For safety reasons all dairy goats must be dis-budded/dehorned.

- Regrowth of less than ONE INCH allowed.

Goats may be brought to the fair on Tuesday evening and before 10 am on Wednesday morning. Vet check will be approximately 12:00 p.m.

Registration papers or stamped copy of registration application must be on file in the Extension Office by May 16th (Except for Junior dairy kids which is by July 1st, may have a stamped copy) for all registered animals. If registration papers or stamped copies of application are not on file by this date the animal will be put into its original breed class, but the animal must have registration papers by fair time and will only be eligible for a blue ribbon. If there are no registration papers or the animal is not properly Scrapie identified, the animal will be sent home.

Leasing program

- Dairy goats are eligible to be leased.
- Leased animals must follow the guidelines in the Minnesota 4-H Animal Science Lease Program Fact Sheet. All ID information and the Minnesota 4-H Animal Science Lease Information Form must be submitted by May 16 with 4-H Online data.
- Registration papers on lease animals may be in the animal owner's name.
- **The same animal cannot be identified/leased by more than one 4-H family unit.**

A herd registration tattoo is for registered animals and must be accompanied by registration papers. All goats at public exhibitions must be officially identified. No goat that is within 30 days of giving birth, either before or after birthing may be exhibited, except with prior approval from the MN Board of Animal Health.

All unregistered animals must have a MN tattoo or scrapies tag. Official Scrapies tag has a US shield symbol with 9 digits beginning with MN+5 digit premises ID number+4 digit unique identifier. Scrapie Flock certification has a unique number starting with MN. Tattoos with enrolled flock/herd numbers and unique animal numbers. If you have questions or are unsure please contact the Extension Office

<u>BIRTH DATES:</u>	
Junior Doe Kid	April 1 – June 30, 2022
Senior Doe Kid	January 1 – March 31, 2022
Dry Yearling Doe	January 1 – December 31, 2021
Milking Yearling Doe	January 1 – December 31, 2021
Milking two-year old Doe	January 1 – December 31, 2020
Milking three-year old Doe	Born in 2019
Milking four-year old Doe	Born in 2018
Milking five-years old & older Doe	Born before 2018

- Registered Alpine
- Golden Guernsey
- Registered LaMancha
- Registered Nubian
- Registered Oberhasli
- Registered Saanen
- Registered Sable
- Registered Toggenburg
- Registered Nigerian Dwarf
- Recorded Grade
- Unrecorded Grade

Use the following Classes, with the Divisions and birth dates above, to indicate the age of your project animal(s):

- Junior Doe Kid
- Senior Doe Kid
- Dry Yearling Doe
- Milking Yearling Doe
- Milking Two Year Old Doe
- Milking Three Year old Doe
- Milking Four Year Old Doe
- Milking Doe - Five Years and Older

DAIRY GOAT SHOWMANSHIP

Blue, red and white placings will be given to all exhibitors (except Cloverbuds), with a grand and reserve awarded to the two best showmen in each lot. All animal showmanship entries must be listed on the county fair registration. No additions will be made at the fair. *Cloverbuds may show in Cloverbud class only.*

- Senior Showman (completed at least 9th grade)
- Intermediate Showman (grades 6-8)
- Junior Showman (grades 3-5)
- Novice Showman (for 4-Hers who have never shown before or have not won a blue ribbon at our county fair.)
- Cloverbud Showman emphasizing beginning knowledge of goat projects and presentation of goats. Goats may be any age or breed since conformation is not important in this class. Cloverbud must have a mentor or parent in control of the animal at all times

DAIRY GOAT POSTER

County class only. If entered with state advancement intent, enter in Science of Animals or Exploring Animals Science of Animals exhibits will be judged on general project day.

DAIRY GOAT INTERVIEW

Dairy Goat Interview

GOAT CLOVERBUD

Cloverbud Dairy Goat
Dairy Goat Cloverbud Poster

GOAT - OTHER

Dairy Goat Costume Class

- Costume Class: dress up yourself and your goat! (To be held at the beginning of the show.) Costume class will begin at 3:45 p.m.
- Cloverbud Costume Class

GOAT - MARKET

Barn Fee - \$2 per animal. Must be paid at time of fair registration.

Meat Goats may be of any meat breed or cross of meat breeds (Fainting/Myotonic, Boer-crosses, Savannah, Pygmy, fiber, etc.)

Dairy Goats may be crosses of dairy goats only (Alpine, Toggenburg, Saanen, LaMancha, etc).

Market goats must be tagged with an official 4-H ear tag AND Scrapie tag by May 16. Exception: animals with gopher or elf ear must be tattooed with a unique animal ID number AND Minnesota Board of Animal Health (BAH) scrapie ID number in the tail web by May 16. Contact BAH for an abbreviated scrapie number. Meat Breeding Does must be tattooed with a unique animal ID number OR a 4-H ear tag AND a Scrapie tag or BAH assigned scrapie tattoo in their ears or a breed registered herd prefix by May 16. For questions, contact BAH at 651-201-6809.

Leasing program

- Market goats cannot be leased.
- Meat breeding does are eligible to be leased.
- Leased animals must follow the guidelines in the Minnesota 4-H Animal Science Lease Program Fact Sheet. All ID information and the Minnesota 4-H Animal Science Lease Information Form must be submitted by May 16 with 4-H Online data.
- The same animal cannot be identified/leased by more than one 4-H family unit.

<u>BIRTH DATES:</u>	
Meat & Dairy Market Goats	Dec 1, 2021 – April 30, 2022
Senior Yearling Meat Breeding Doe (Never Kidded)	Dec 1, 2020 – Feb 28, 2021
Junior Yearling Meat Breeding Doe (Never Kidded)	March 1, 2021 – May 31, 2021
Fall Yearling Meat Breeding Doe (Never Kidded)	June 1, 2021 – Nov 30, 2021
Senior Meat Breeding Doe Kid	Dec 1, 2021 – Feb 28, 2022
Junior Meat Breeding Doe Kid	Mar 1, 2022 – May 31, 2022

***NOTE: Pygmy Goats are classed as Meat Goats**

Will be split by lightweight and heavyweight at County fair after weigh-in

- State Fair Meat Market Goat –Altered male, no Bucks
- State Fair Meat Market Goat– Female
- State Fair Dairy Market Goat, altered male, no bucks
- State Fair Senior Yearling Meat Breeding Doe, Registered or Grade. Never Kidded
- State Fair Junior Yearling Meat Breeding Doe. Registered or Grade. Never Kidded.
- State Fair Fall Yearling Meat Breeding Doe, Registered or Grade. Never Kidded.
- State Fair Senior Meat Breeding Doe Kid
- State Fair Junior Meat Breeding Doe Kid

Will be split by lightweight and heavyweight at County Fair weigh-in. (You can sign up for both lightweight and heavyweight, but you can't take the same animal for Auction and State Fair)

- Auction Market Meat Goat, Altered male, no bucks
- Auction Market Meat Goat, Female
- Auction Dairy Market Goat, altered male no bucks

Requirements:

- Market animals must be a minimum of 40 pounds, but not to exceed a maximum of 110 pounds by the State Fair.
- All Meat and Dairy Market Wethers must be dehorned/disbudded. Regrowth must not exceed 1 inch. Cut (Sawed) off horns are not permitted to be shown.
- Meat breeding does and market does may have horns and they do not need to be capped or blunted.
- **If an animal is deemed a safety concern at the discretion of the committee, additional safety measures may be required.**

MEAT GOAT SHOWMANSHIP

Blue, red and white placings will be given to all exhibitors (except Cloverbuds), with a grand and reserve awarded to the two best showmen in each lot. All animal showmanship entries must be listed on the county fair registration. No additions will be made at the fair. *Cloverbuds may show in Cloverbud class only.*

- Senior Showman (completed at least 9th grade)
- Intermediate Showman (grades 6-8)
- Junior Showman (grades 3-5)
- Novice Showman (for 4-Hers who have never shown before or have not won a blue ribbon at our county fair.)
- Meat Goat Cloverbud showmanship

MEAT GOAT POSTER

County class only. If entered with state advancement intent, enter in Science of Animals or Exploring Animals Science of Animals exhibits will be judged on general project day.

MEAT GOAT INTERVIEW

Meat Goat Interview

MEAT GOAT CLOVERBUD

Cloverbud Meat Goat

Meat Goat Cloverbud Poster

DOG

The 4-H member must be enrolled in the Dog Project to participate in 4-H dog training classes and to exhibit their dog at 4-H dog shows. 4-Hers shall exhibit in the lot corresponding to the training they have received. Additional information is available in the MN 4-H Dog rules & guidelines books (available on the 4-H Dog website).

<https://sites.google.com/umn.edu/4-h-animal-science/dog?authuser=0#h.p.NhUOA-QemBTM>.) 4-Hers who are uncertain about which class(es) to enter should communicate with the county Dog Project Leaders before submitting their fair/dog show registrations by the deadline.

- **All dogs must be properly identified by May 16th through the 4-H Online process**, which includes submitting a vet-signed affidavit recording current vaccination information (Rabies and DHLPP) and (if applicable) 4-H lease form, etc. according to current MN 4-H Animal Science regulations.
- Dogs must be a minimum of 6 months old by the county dog show date in order to participate in training and to be exhibited at the county dog show.
- See additional "Requirements" section at the end of this section.
- **Limited Agility Class:** This class is for dogs and/or 4-Hers that are challenged to compete in regular agility classes. This may be due to physical or mental restrictions. No dog with a mental condition that would significantly impair their performance may participate in agility. No dog with a physical condition that would significantly impair their performance may participate in agility. They may participate in the limited standard agility and limited jumpers classes or with the age allowance in standard agility and jumpers. Some examples include, but are not limited to, hip dysplasia, disc problems, severely slipped stifles, shoulder problems, overweight, or advancing age. They may also be temporary conditions; such as an injury that may heal or a pregnant or lactating female. This class is also open to youth with physical and mental limitations, such as those with special education challenges, mobility issues, or suffering from injuries.
 - In the Limited agility class, the handler may choose to jump their dog at any of the regulation jump heights, or with jump bars flat on the ground, according to the need of the dog. The jump height may not exceed the jump height as determined by the measurements of the height card. In the Limited agility class, the handler may choose to have the A-frame set at 4'0" or flat on the ground, according to the need of the dog.
 - A dog must run in the Limited Agility class at the qualifying show to be eligible to run the Limited agility class at the state dog show. Both the standard jump height and limited jump height should be entered on the registration form and score sheet.
 - When entering the state dog show, the Limited agility class must be indicated on the entry form if the handler elects to run this class. The jump height MUST be noted

on the entry form. Changes to the Limited Agility height will not be accepted at ringside. If a change is required at the state dog show, it must be made at the registration/measuring station.

- **Age Allowance Class:** The Age Allowance may be applied to any dog over 7 years of age. It is for otherwise healthy dogs that may have trouble jumping higher jumps. It allows for the jump height to be lowered to reduce stress to the dog's body. Dogs 7 years of age or older, showing in the Standard and Jumpers classes, are permitted to jump their dogs 1 jump height lower than is designated by their height card (for 4" dogs, the jump bars and tire will be on the ground). The A-frame will be set at 4'6" for dogs jumping 0" or 4", and at 5'0" for dogs jumping 8", 12", or 16". Dogs competing at the age allowance jump height will be scored and compete with dogs of their normal (non age allowance) height. For example, a dog who would normally be shown in the 12-inch class will run the course at 8-inches, but will be scored and awarded prizes using the standard course time of the 12-inch class. A dog must run with the age allowance at the qualifying show to be eligible to run with the age allowance at the state dog show. Both the standard jump height and age allowance jump height should be entered on the registration form and score sheet. When entering the state dog show, the age allowance must be indicated on the entry form if the handler elects to use this allowance. Changes to the age allowance height will not be accepted at ringside. If a change is required at the state dog show, it must be made at the registration/measuring station.

DOG AGILITY

Agility-Limited
 Agility–Beginner – 4"
 Agility–Beginner – 8"
 Agility–Beginner – 12"
 Agility–Beginner – 16"
 Agility–Elementary – 4"
 Agility–Elementary – 8"
 Agility–Elementary – 12"
 Agility–Elementary – 16"
 Agility–Elementary – 20"
 Agility – Intermediate – 4"
 Agility – Intermediate – 8"
 Agility – Intermediate – 12"
 Agility – Intermediate – 16"
 Agility – Intermediate – 20"
 Agility – Senior – 4"
 Agility – Senior – 8"
 Agility – Senior – 12"
 Agility – Senior – 16"
 Agility – Senior – 20"
 Agility – Advanced– 4"

Agility – Advanced – 8"
 Agility – Advanced – 12"
 Agility – Advanced – 16"
 Agility – Advanced - 20"
 Agility- Jumpers Limited
 Agility–Jumpers 1A – 4"
 Agility–Jumpers 1A – 8"
 Agility–Jumpers 1A – 12"
 Agility–Jumpers 1A – 16"
 Agility–Jumpers 1B – 4"
 Agility–Jumpers 1B – 8"
 Agility–Jumpers 1B – 12"
 Agility–Jumpers 1B – 16"
 Agility – Jumpers 1 – 20"
 Agility – Jumpers 2 – 4"
 Agility – Jumpers 2 – 8"
 Agility – Jumpers 2 – 12"
 Agility – Jumpers 2 – 16"
 Agility – Jumpers 2 – 20"
 Agility-Jumpers 3-4"
 Agility-Jumpers 3-8"
 Agility-Jumpers 3-12"
 Agility-Jumpers 3-16"
 Agility-Jumpers 3-20"

Requirements to participate in Agility:

In order to begin taking 4-H agility classes, this dog/handler team must have:

- Achieved a minimum obedience score of 170 or higher at a county, or state 4-H dog show the previous year of training,
- Lost fewer than 30 points in a sub-novice or Novice class at a kennel club show,
- Must have completed 2 years of obedience training,
- Earned a score of 70 or higher in the Novice level of Rally in 4-H or a kennel club show or match,
- Must have satisfactorily completed a foundation for agility class at a dog training club (must be able to provide proof via letter from trainer or other documentation)
- Must have passed the Agility Readiness Test (outlined in a later section of this rule book), before the first 4-H agility class is held for the year in your county
- Completed a Novice (Starters for USDAA, Level 3 of CPE) title with a previous dog.
- A verifiable dog show/match score may be substituted for a county or state show score provided that score was earned by the same dog/handler team. This is to ensure that a working relationship has been established between this handler and dog.

DOG OBEDIENCE

Obedience – Foundation
 Obedience – Beginner
 Obedience – Graduate Beginner
 Obedience – Novice

Obedience – Graduate Novice
 Obedience – Pre-Open
 Obedience – Open
 Obedience – Graduate Open
 Obedience – Pre-Utility
 Obedience – Utility
 Obedience – Veterans
 Obedience – Brace
 Obedience – Four Dog Team
 Obedience – Four Dog Team ALTERNATE

DOG SHOWMANSHIP

Showmanship – Junior Novice: Grades 3-8
 Showmanship – Senior Novice: Grades 9+
 Showmanship – Junior Open: Grades 3-8
 Showmanship – Senior Open: Grades 9+
 Showmanship- Jr Excellent: Grades 3-8
 Showmanship- Sr Excellent: Grades 9+

DOG RALLY

Rally -- Foundation
 Rally – Pre-Novice
 Rally – Novice
 Rally – Pre-Advanced
 Rally – Advanced
 Rally – Excellent
 Rally – Veterans

Requirements:

- 4-H'ers shall exhibit in the classes corresponding to the level of training they and their dog have received. Additional information, class descriptions and requirements, and rules/regulations can be found in the Minnesota 4-H Agility, Obedience, Rally, and Showmanship rules and guidelines, the Minnesota 4-H Dog Project Guide, and the Minnesota 4-H Guide for Dog Shows (five separate publications) and other materials available on the MN 4-H Dog Project website (<https://extension.umn.edu/4-h-animal-science-projects/4-h-dog-project>). Please communicate with the county Dog Project Leaders if you have questions about which classes to enter.
- All dogs must be vaccinated according to the requirements listed on the current MN 4-H Dog Project ID Affidavit and Vaccination Verification form, and have the current year's MN 4-H Dog Project ID Affidavit and Vaccination Verification form (**MUST** be signed and dated by the veterinarian) uploaded to 4-H Online. If this form was submitted after the June 1 Animal ID deadline, the 4-Her cannot receive anything higher than a blue ribbon at the county show (is ineligible for champion, reserve champion, or other awards) and cannot qualify for the State Dog Show. A veterinarian-signed and dated MN 4-H Dog Project ID Affidavit and Vaccination Verification Form

is the only vaccination information accepted. Do not attach invoices, etc., from the veterinarian.

- The 4-H member must be enrolled in the Dog Project to participate in 4-H dog training classes and to exhibit their dog at 4-H dog shows.
- The 4-H member does not need to own the dog (may lease) but must have trained, groomed and cared for the dog since June 1 of the current year. If the 4-Her qualifies for the State 4-H Dog Show, he or she must sign the registration form for the State 4-H Dog Show stating that he or she has trained, groomed and cared for the dog since June 1 of the current year.
- A 4-Her must train his or her own dog(s). No other person may train and/or show this dog from June 1 through the designated county dog show in the areas the 4-Her is showing. If the 4-Her and dog advance to the State 4-H Dog Show, no one else may train or show the dog until after the State 4-H Dog Show in any class in which they advance to the state competition.
- Leased Dogs: 4-H members who are leasing a dog should review the MN 4-H Animal Science Lease Program Fact Sheet and must upload a completed Minnesota 4-H Animal Science Lease Information Form to 4-H Online in addition to uploading a completed MN 4-H Dog Project ID Affidavit and Vaccination Verification form and completing all other components of the 4HOnline ID Process. Generally, a dog may only be leased by one person; the only exception is the brace class. A dog may be identified by more than one 4-H member for use in the brace class.
- A 4-H member may show a maximum of two dogs in the Dog Project. Refer to the Minnesota 4-H Dog Agility Rules and Guidelines, the Minnesota 4-H Dog Obedience Rules and Guidelines, Minnesota 4-H Dog Rally Obedience Rules and Guidelines, and the Minnesota 4-H Dog Showmanship Rules and Guidelines, for specific information regarding each area.
- A 4-H member may not substitute or change dogs after the county show in Agility, Obedience, Rally or Showmanship for any reason.
- A dog may be trained and shown by only one 4-H member in Obedience (with the exception of Brace or 4-Dog Team – the dog can participate on only one Brace or 4-Dog Team). Only one 4-H member may train and show the dog in Agility. Only one 4-H'er may train and show the dog in Rally. In Showmanship, two 4-H'ers may show the same dog. However, they may not be in the same Showmanship class.
- The dog must be identified separately through 4-H Online under each 4-H member
- **A dog may be shown in the dog show or the pet show, not both!**

- 4-Hers - 3rd grade and up are eligible for county and state dog show.
- Cloverbuds may **only** show in Cloverbud Pet Show (see "CLOVERBUDS") not the 4-H Dog Show

HORSE

Barn Fee - \$20 per stall

Must be paid at time of fair registration

HORSE SHOW

- Barrel Race
- Jumping Figure 8
- Key Race
- Pole Weaving
- Hunt Seat Equitation
- Hunt Seat Pleasure
- Ranch Pleasure
- Western Horsemanship
- Western Pleasure
- Novice Trail
- Trail Class
- Trail Class Walk-Trot
- Saddle Seat Pleasure
- Saddle Seat Equitation

Select Showmanship or Games Showmanship. You are not allowed to show the same horse in both showmanship classes.

- Showmanship at Halter. The winner of showmanship at halter will be used to participate in "Round Robin" as long as they are 8th grade and above.
- Games Showmanship at Halter – This class is not eligible for points for the State 4-H show or Round Robin. This class is for ribbon only. All Games exhibitors are encouraged to enter. Classes will be divided according to age groups. 4-Hers must participate in at least one game event to qualify to compete in this class. The horse's conformation, fancy outfits or equipment will not be given preference. Suitability of tack, appropriate clothing, fit of clothing and equipment, and cleanliness will be considered. Halter must be of leather or nylon webbing; chain or lead strap permitted. Halters of rope, whips, crops, spurs and chaps are not permitted. Exhibitors may be asked to walk, trot, stop, back, pivot, set up, or demonstrate the quarter method. See MN 4-H Horse Project rule book under Showmanship at Halter for more information regarding way of showing, attire/equipment requirements and faults.

Miniature Horse

- Showmanship at Halter
- Trail in Hand
- Hunter Class
- Jumper Class
- Costume Class

- Driving Class

Ring Attire: Tennis Shoes or Track shoes and short sleeved shirts are allowed for Hunter and Jumper classes. Long sleeve shirt with collar, jeans with belt and boots and hat/helmet are required for Showmanship and Trail in hand. See MN 4-H Horse Project rule book under Miniature Horse for more information regarding way of showing, attire/equipment requirements and faults.

*Note: This attire is only for the Mini Horse classes. Please See point number 9 under the "Requirements" section for attire for other disciplines.

Use the following grade classes to enter the above divisions. (Grade just completed)

Cloverbud

Novice Walk-Trot (pleasure only)

Novice Walk-Trot-Lope

- 3rd
- 4th
- 5th
- 6th
- 7th
- 8th
- 9th
- 10th
- 11th
- 12th
- 13th

Grade Class 13 is for those having graduated High School. Classes for selection of grand and reserve champions are typically held at the end of each class. Example: at the conclusion of ALL English Pleasure classes, the riders qualifying for grand and reserve will be called back for that class. The exact details will be determined and announced by the show committee the day of the show.

CHALLENGED RIDERS

The challenged classes are open to any individual who due to physical or mental conditions are unable to show or ride a horse without the assistance of another. All other 4-H Horse program rules will be followed including tack and clothing. Challenged Riders will have the opportunity to stall their horses for the duration of the county fair. Mentors must wear proper show attire, including boots, pants, belt, button-down long sleeve shirt and a hat/helmet.

- Challenged Showmanship at Halter
- Challenged Rider Walk/Trot Western Horsemanship
- Challenged Rider Walk/Trot English Equitation
- Challenged Rider Walk/Trot Barrels
- Challenged Rider Walk/Trot Poles

Requirements:

Horse Helmet Policy:

All 4-Hers participating in any 4-H sponsored mounted activity

are required to wear properly fastened ASTM/SEI approved protective headgear. Helmet use is required when mounted. This policy also extends to 4-H volunteers when they are working with 4-H youth in a 4-H volunteer role during mounted activities.

See the Minnesota 4-H Horse Project Handbook for more information. Please refer to the Minnesota 4-H Horse Program Rule Book for rules and class specifications – **PROPERLY FITTED HELMETS MUST BE WORN AT ALL TIMES WHILE RIDING A HORSE DURING THE COUNTY FAIR OR ANY OTHER HORSE SHOW DURING THE FAIR. WHEN YOU PARTICIPATE IN THE ISANTI COUNTY FAIR AS A 4-HER, YOU ARE A 4-HER THE ENTIRE DURATION OF THE FAIR.**

1. Additional information is listed in the 4-H Horse Showmanship Manual (available at the Extension Office or view on the 4-H Horse website (www.mn4horse.com/)).
2. Classes may be combined or split depending on number of entries.
3. Horses must arrive anytime between 8 am and 6 pm on Wednesday and stay on the grounds for the duration of the fair until all exhibits are released on Sunday at 6 pm. The only exception is for horses used for the Horse Training Program and horses which the Ext. Office has received a veterinarian letter by June 30th may be dismissed after judging. If you receive a vet letter after June 30th it will need to be approved by the Driving show committee prior to fair. Horses in the Challenged Rider program may be dismissed after judging.
4. Horses must be under control at all times or will be asked to leave. The 4-H priority is safety.
5. All horses entered at the County Fair must have been identified on form Horse ID Affidavit and on file in the Extension Office by June 1st. A negative copy of the Coggins test for each horse must be included with each Horse ID. You must have a copy of your current Coggins on hand when riding your horse.
6. Horse interviews will be held at Barn Clean up night and on Wednesday during the County Fair. All Interviews are to be done by Wednesday night at 6pm.
7. No more than 3 horses per exhibitor. Premiums limited, per horse as in following rule. Please be sure to indicate on reg. form you have three horses.
8. Stalling horses: if there are enough stalls for everyone to stall both horses, then all exhibitors with 2 horses will be given 2 stalls. In past years, exhibitors stalled one horse and trailered the 2nd for the show.
9. **Dress Code: clean, neat, Western or English attire appropriate to class— Boots, helmet, long sleeved shirt with collar. Please reference the 4-H horse website for more information.**

10. Point system: county representatives to the MN State 4-H horse show will be chosen on a point system. Novice classes do not count towards points.
11. \$15 per animal barn cleaning fee – payable to the 4-H office prior to the county fair.
12. Warning Slips – The Code of Show Ring Ethics and the 4-H Code of Conduct will be enforced. Inappropriate behavior and riding, mistreatment and care of horses or infractions of any rules will not be tolerated. Discipline may range from a warning slip to removal from the grounds.
13. Horse Members are **STRONGLY** encouraged to be current in your 4-H Horse Member Achievement book (**tan book**). We recommend at least ½ level per year and have it signed off by a screened leader. This applies to members participating in the Horse Training program only. The Achievement book is encouraged for all other members.

CLOVERBUD

1. In halter classes Cloverbud is never to be in control of the horse. The Cloverbud may walk alongside the parent or responsible person to dialog with the judge.
2. Cloverbuds can choose from Showmanship, Western Pleasure or Barrels.
3. Cloverbuds must follow helmet policy in any riding setting
4. Cloverbuds may show according to the state recommendations. All mentors must be in proper attire.
5. Cloverbud horses will only receive a stall for their specific show day and are not required to stay for the duration of the fair.

HORSE TRAINING

Must be enrolled in Horse Training and have approval to enter the Horse Training Program.

- Horse Training - step 1
- Horse Training – step 2
- Horse Training – step 3
- Horse Training – step 4
- Horse Training – step 5
- Horse Training – step 6
- Halter Showmanship, for any horse in the Horse training program, as long as they are not shown in Games Showmanship or Showmanship.

HORSE DRILL TEAM

Must participate in drill team practices and notify the coach if planning to participate.

- Horse Drill Team

Self Determined –Horse

This part of the horse project is not judged and is for participation only. Event will take place on Saturday, but all participants must sign up in fair entry in order to participate and allow times to be assigned. 4-Hers may demonstrate a skill that they were not able to showcase in the regular 4-H show such as a music in motion performance or Dressage demonstration.

HORSELESS HORSE

Project is judged during static project judging on Tuesday.

LLAMA AND ALPACA

Barn Fee - \$1 per animal. Must be paid at time of fair registration.

Requirements:

- Grades 9+
- Grades 6-8
- Grades 3-5
- Cloverbud Showmanship
- Cloverbud Costume Class

Use the following Classes, with the Divisions above

- Costume (Optional)
 - Exhibitor must be on foot
- Obstacle Course
- Public Relations
- Showmanship (Required)

Birthdates

4-H Llama-Alpaca Projects must be born prior to January 1, 2022.

Gender:

- No sexually intact male over 18 months is eligible for exhibition.
- No companion animals (no buddies and no nursing mother's allowed)

LLAMA-ALPACA FLEECE

Llama -Alpaca Fleece

Llama and Alpaca POSTER

Llama and Alpaca Poster - Educational or promotional posters may be selected to advance to the state fair. See state fair poster requirements under Llama and Alpaca information.

- Poster will be judged by the Animal Science judge on Tuesday during general project judging.

LLAMA-ALPACA INTERVIEW

Llama and Alpaca Interview

LLAMA-ALPACA CLOVERBUD

Llama and Alpaca Cloverbud Showmanship

Llama and Alpaca Cloverbud Costume

Llama and Alpaca Cloverbud Poster

NOTE: 4-Hers who participate in the Llama-Alpaca Costume Contest at the State Fair will receive a cash award. These payments are made in October. 4-Hers must be grade eligible to participate at the State Fair.

POULTRY

Barn Fee - \$5 per exhibitor and \$2 per cloverbud. Must be paid at time of fair registration. No Poultry in the barn before noon.

Requirements:

- Poultry exhibited must be of this year's hatch, (except Show/Hobby, dove and Pigeon Breeding classes). All poultry must be identified by a numbered leg band. All Chicken and Turkey exhibits must have a statement of origin or an official form stating they came directly from a pullorum typhoid clean flock tested within 12 months or an official form indicating they are negative to the pullorum typhoid test. **NO** testing available at the fair.
- Breeding classes will be judged on breed characteristics using the APA Standard of Perfection as a guide.
- All breeding pens should be purebred.
- Market and Auction Waterfowl should be meat production breeds.
- Members are only allowed to show each bird one time
- Participation in Poultry Showmanship is required.
- Poultry will be judged beginning at 8:30 a.m., Thursday of the County Fair
- Members are responsible for feeding, watering and cleaning birds on a regular basis during the fair.
- Auction Classes are NOT eligible for North East or State Fair
- Pigeons must be identified by May 16th.
- **Barn Cleaning Fees:** \$5.00 per exhibitor or \$2.00 per Cloverbud

CHICKENS

- Market pen of 2 males or 2 females (State Fair class; not for auction)
- Breeding pen of 1 male and 2 females (large fowl)
- Bantam breeding pen of 1 male and 2 females
- White egg production pen of 2 pullets hatched prior to April 1 Hybrid Recommended.
- Brown egg production pen of 2 pullets hatched prior to April 1 Hybrid Recommended.
- Auction chicken class: market pen of 2 birds over 4 lbs. and the same sex. Must be finished birds, ready for slaughter

DOVES

- Purebred breeding pair

DUCKS

- Market pen of 2 females or 2 males, emphasizing meat production qualities
- Standard breeding pen of 1 male and 2 females
- Bantam breeding pen of 1 male and 2 females
- Auction pen of 2 females or 2 males. Must be finished birds, ready for slaughter

GEESE

- Market Pen of 2 males or 2 females, emphasizing meat production qualities
- Breeding pen of 1 male and 2 females.
- Auction pen of 2 females or 2 males. Must be finished birds, ready for slaughter

GUINEAS

- Market pen of two males or two females, same breed
- Breeding pen of one male & two females, same breed

Additional Guinea Rules Only Pearls, Whites and Lavender Varieties can be shown.

PIGEONS Must be ID'd by May 16th

- Utility – 1 Breeding Pair
- Utility – 1 Young Bird Male or Female, this year's band
- Fancy – 1 Breeding Pair
- Fancy – 1 Young Bird Male or Female, this year's band
- Flying – 1 Breeding Pair
- Flying – 1 Young Bird Male or Female, this year's band

Additional Pigeon Rules

1. One pair of breeding pigeons. A pair consists of one (1) male and one (1) female of the same breed.
2. A young bird is one purebred bird male or female, this year's band.
3. All breeding pairs must have been bred the previous year or earlier. This means the birds must be at least one year old to be part of a breeding pair.
4. You must exhibit the same birds at the state fair that you won a trip with at the county fair.
5. The same birds cannot be exhibited two years in a row, even by another exhibitor, except a young bird may come as a young bird first year and come back the following year as part of a breeding pair.
6. All birds must be banded. Must have previous year's band or older on breeding pair. Bands must be seamless and the correct size for the breed. Seamless bands within one size will be accepted.
7. No health certificate is required. Any bird that looks ill or diseased will not be allowed to be shown. It is recommended that you practice a vaccinating program.
8. All pigeons will be judged according to the Pigeon Standard book.
 - 50% = Breed Characteristics (true to breed; refer to pigeon standard)
 - 25% = Conditioning (clean feathers and feet, evidence of extra work in preparing bird for show)
 - 25% = Presentation (showmanship)

TURKEYS—Domestic Only

- Market pen of 2 females or 2 males emphasizing meat market qualities (State Fair class; not for premium auction)
- Breeding pen of 1 male and 2 females
- Auction turkey class: market pen of 2 females or 2 males.

SHOW AND HOBBY – not State Fair Eligible

- Others – Bantam Sized Fowl. Not more than 1 in pen. Identify birds as to kind, age, and breed. Bird may be older than this year's hatch. If older, records must be kept from February 1, of the previous year. Show and Hobby exhibits will be judged 50% on the member's knowledge, and 50% on the quality of the exhibit. You may NOT use a bird from another pen at the county fair. One pen will be provided for this entry. Additional cage space dependent on enrollment/exhibitor numbers.
- Others – Standard Fowl. Not more than 1 in pen. Identify birds as to kind, age, and breed. Bird may be older than this year's hatch. If older, records must be kept from February 1, of the previous year. Show and Hobby exhibits will be judged 50% on the member's knowledge, and 50% on the quality of the exhibit. You may NOT use a bird from another pen at the County Fair. One pen will be provided for this entry. Additional cage space dependent on enrollment/exhibitor numbers.

POULTRY POSTER

Poultry Poster - Educational or promotional poster may be selected to advance to the state fair. See State Fair poster requirements under Poultry information.

EGG CLASS

½ dozen eggs produced by your hens. One egg will be cracked for the judging. Judged Tuesday, during General Exhibit Judging in the 4-H Building by the Foods & Nutrition judges. Eggs will remain on display in the 4-H Building. Only one egg class entry per exhibitor. Exhibitors should know parts of the egg, interior and exterior egg grading qualities/requirements, be able to judge the exterior and interior grade for the egg being judged and have basic knowledge of egg production including feed/housing/water requirements for laying hens.

POULTRY SHOWMANSHIP

Blue, red and white placings will be given to all exhibits (except Cloverbuds), with a grand and reserve awarded to the two best showmen in each lot. All animal showmanship entries must be listed on the county fair registration due July 1st. No additions or changes will be made at the fair.

8th graders have the option to participate as an intermediate or as a senior. If they participate as an intermediate; they ARE NOT eligible to participate in Round Robin. No changes will be made during the fair to the showmanship class. **Cloverbuds**

may show in Cloverbud class only (receiving participation awards).

- Senior Showman (9th grade & up)
- Intermediate Showman (6th – 8th grade)
- Junior Showman (3rd - 5th grades)
- Cloverbud Showman.

Class emphasizes beginning knowledge of the Poultry project and presentation of birds. Birds may be any age or breed since confirmation is not important in this class. Cloverbud must have a mentor in the ring with them.

RABBITS

All rabbits must be entered correctly in 4-H Online and FairEntry, failure to do so will result in not being able to show at the fair.

Barn Fee - \$1 per rabbit. Must be paid at time of fair registration.

Requirements:

Member must have owned or leased by either raising or purchasing, and kept a feed record prior to June 1 for the rabbit shown. For Single Fryer, Meat Pen, and Auction Class member must have owned the doe producing these rabbits by June 1.

- **THERE WILL BE NO TATTOOING AT THE COUNTY FAIR!** All rabbits must have a PERMANENT legible tattoo number in their left ear.
- Member must have a Rabbit Ownership Affidavit in 4honline in the Extension office by June 1. You cannot have more than 12 rabbits registered on your fair registration form. Purebred animals only are eligible for State Fair. Rabbit fryers are also eligible for the State Fair.
- MEMBERS are responsible for feeding and watering their rabbit(s) at the fair. **Bring your own water bottles and feed dishes.** If the fair is exceptionally hot, members may freeze plastic bottles of water for the cages or bring ceramic tiles. A freezer will not be provided at the barn to refreeze bottles.
- Cloverbud rabbits MUST remain for the duration of the fair.
- Purebred rabbits are those which have a three-generation pedigree showing the ancestral background being of all the same breed, making it eligible for registration.
- All breeds recognized by the American Rabbit Breeders Association are eligible. Rabbits will be judged according to ARBA standards.
- **There is to be no breeding of rabbits at the county fair.**

RABBIT SHOWMANSHIP

Blue, red and white placings will be given to exhibitors in Junior, Intermediate and Senior, with a grand and reserve chosen and awarded to the two best showmen in each lot.

Cloverbuds may show in Cloverbud Showmanship Class Only! Cloverbud Showmen will receive 4-H Cloverbud

participation ribbons. All animal showmanship entries must be listed on the county fair registration due July 1st. All showmanship entries need to be registered separately from rabbit entries, failure to do so will result in not being able to participate in showmanship. Rabbits cannot be shown twice between multiple children for showmanship, i.e. two siblings cannot show the same rabbit in different showmanship classes due to the fact that both showmanship classes could be up at the same time. No exceptions.

- Senior Showman (9th grade & up)
- Intermediate Showman (6th - 8th grades)
- Junior Showman (3rd - 5th grades)
- Cloverbud Showman. Cloverbud must have a mentor in the ring with them.

BREEDING RABBITS

You may enter up to 12 (twelve) PENS OF RABBITS; any sex, any age, any breed. 1 rabbit counts as a pen, unless you are doing a meat pen, a meat pen is considered 1 pen. **SPECIAL NOTE:** If there are too many cooped entries this number will be lowered to 12 (twelve) and you will be notified that you may only bring 12 (twelve). Select your rabbit class from the following list, then select the appropriate lot, and write the description on your entry form. (Example: English Lop Senior Buck). If entering 2 of the same class and lot, be sure to write the description and lot twice on your entry form.

Breeding Rabbit Classes

- Senior buck, 6 months and over
- Senior doe, 6 months and over
- Intermediate buck, 6 to 8 months
- Intermediate doe, 6 to 8 months
- Junior buck, under 6 months
- Junior doe, under 6 months

Breeding Rabbit Lots

1. Florida White
2. Dutch
3. Rex
4. Holland Lop
5. Jersey Woolly
6. Mini Lops
7. Mini Rex
8. Netherland Dwarf
9. Polish
10. Dwarf Hotot
11. Lionhead
12. Other Small Purebreds (each judged according to Breed Standards), including Britannia Petite, American Fuzzy Lop or other small breeds in the ARBA rabbit groups not weighing over 4.5 Pounds.
13. Other Medium Breeds, Havana, Mini Satin English Angora or other medium breeds not weighing over 8.5 pounds.

14. Other Large Breeds, New Zealand, Champagne D' Argent, French Lop, Giant Angora or other large breeds weighing MORE than 8.5 pounds.

(SPECIAL NOTE) These are TENTATIVE classes. Please look at the show schedule handed out on Friday for class orders and any changes. These classes may change based upon the number and type of entries.

Purple, Blue, Red and White placings will be given to rabbits in junior, intermediate and senior in each lot.

MARKET RABBITS

Remember if you want your single fryer and/or meat pen rabbit(s) to be eligible for the Auction make sure to enter them in the Auction Class as well.

- Single fryer, purebred not over 10 weeks, and not over 5 1/2 lbs. as of County Fair. (State Fair consideration.) At the State Fair, fryers are judged live, then slaughtered by exhibitors and carcasses evaluated. Exhibitor must have another rabbit for State Fair that will not be over 10 weeks and not over 5 1/2 lbs pounds on August 27.)
- Meat pen of 3 fryers, purebred not over 10 weeks, and not over 5 1/2 lbs. as of County Fair. Meat pens should be uniform in weight and appearance. *Must be 3 different rabbits not exhibited in single fryer class*
- Auction Class, Enter your fryer and/or meat pen in this class as well because only rabbits entered in this class are eligible for the Auction.

Meat pens shall consist of three rabbits, all the same breeds and variety. Broken group meat pens must also be of the same variety. A meat pen does not necessarily have to come from the same litter. Age limit 10 weeks. Minimum weight 3 1/2 lbs each. Maximum weight 5 1/2 lbs each. All rabbits must be weighed in the presence of the judge.

Single Fryers not over 10 weeks of age. Minimum weight of 3 1/2lbs. Maximum weight of 5 1/2lbs. Fryers are to possess the same qualities as described in the meat pen section, but judged as a single rabbit on its own merit

RABBIT POSTER

Rabbit Poster - Educational or promotional poster may be selected to advance to the state fair. See state fair poster requirements under rabbit information.

SHEEP

- Barn Fees: \$2.00 per Animal. Must be paid at time of fair registration. No money will be collected by sheep project volunteers.
- No sheep in barns before 12 p.m. (noon) on Wednesday
- Members must have identified animals by the county deadline on May 16th.

- Sheep must be ear tagged with Minnesota 4-H tags; unless they are registered - if registered a copy of the registration papers must be on file. Scrapie tags must be on sheep before arriving at the fair.
- A visual inspection and affidavit check will be done by a Sheep Project volunteer before animals are penned. Animals may be isolated upon inspection so; the Fair Veterinarian can check them over- Animals not passing veterinarian inspection will be sent home and will not be allowed to exhibit.
- Sheep interviews will be held Thursday, July 21, 2022 by campgrounds next to east show arena at 10 am.

Breeding Yearling Ewes ONLY - a 2nd 4-H member may be allowed to set legs only during the breeding show, NOT during showmanship.

*If you plan to ship your sheep from the County Fair to Isanti Custom Meats on Sunday morning please let Nick Carlson or Amanda Johnson know when you bring your sheep in. You will need to be at the barn by 7AM on Sunday morning to load your sheep. If you are not there your sheep will NOT be sent. Any questions please contact Amanda Johnson or Nick Carlson. There is no additional cost for hauling your sheep to Isanti Custom Meats.

<u>BIRTH DATES:</u>	
January Ewe Lamb	Born in January of current year
February Ewe Lamb	Born in February of current year
March Ewe Lamb	Born in March of current year
Yearling Ewe	Born on or after January 1 of previous year and must not show evidence of four permanent incisors
Market Lamb (both ewes and wethers are eligible)	Born on or after December 1 of previous year

BREEDING EWE

- Ewe lamb born in January of current year
- Ewe lamb born in February of current year
- Ewe lamb born in March of current year
- Ewe lamb wool breed
- Yearling Ewe Fitted
- Yearling Wether Dam
- Yearling Ewe, Slick-shorn, Registered or Commercial
- Yearling Ewe wool breed
- Aged ewe must have been shown as a lamb or as a yearling the previous two years (not State Fair eligible, Ribbon only).
- Sheep - Wether Dam Ewe Lamb
- Sheep - Wether Dam Yearling Ewe
- Flock: 3 animals, one from each of the above classes (Not State Fair eligible, Ribbon Only)

MARKET LAMB

Weigh-In will be Thursday immediately following Swine Weigh-In, in the Swine Barn. 4-Hers or family members must bring lamb(s) to the scale. Sheep Project volunteers will not be responsible for getting lambs to the scale

Ewes and Wethers may be exhibited as Market Lambs.

Ewes and Wethers are eligible for the Auction Market Lamb Class

Ewes in the Market or Auction Class are not eligible for the Breeding Ewe Class.

- State Fair Market Lamb white face and speckled face
- State Fair Market Lamb black face
- Auction Market Lamb. Top 5 blue ribbons will be sold at auction. Market ewes are eligible.

State Fair Requirement:

- Minimum weight for State Fair is 105 pounds; required maximum weight is 170 pounds. Market animals exceeding the maximum weight will not be eligible for State fair.

LAMB LEAD

- Grades 9+
- Grades 6-8
- Grades 3-5
- Cloverbud

Requirements:

- Lamb lead exhibitors must groom and train a sheep and must wear a garment made from at least 60% wool.
- Garment is defined as a piece of clothing covering a main part of your body (not socks or accessories). Exhibitors will be judged based on project knowledge, poise, their outfit, and their lamb.
 - Classes may be combined depending on number of entrants

NOTE: 4-Hers who participate in Lamb Lead at the State Fair will receive a \$30 cash award, provided by the Minnesota Livestock Breeders' Association (MLBA). These payments are made in October. 4-Hers must be grade eligible to participate at the State Fair.

FLEECE

Fleece

4-Hers receiving a blue ribbon on their fleece may exhibit at the State Fair; no housing will be provided!

SHEEP SHOWMANSHIP

SHEEP SHOWMANSHIP

Blue, red and white placings will be given to all exhibits, with a grand and reserve awarded to the two best show persons in each lot. All animal Showmanship entries must be listed on the County Fair registration due July 1st. No additions will be made

at the fair. All 4-Hers are encouraged to participate in Showmanship.

Cloverbuds must have a full 4-Her or parent in control of the animal at all times.

- Senior Showman (9th grade & up)
- Intermediate Showman (6th – 8th grade)
- Junior Showman – (3rd – 5th grade)

SHEEP POSTER

County class only. If entered with state advancement intent, enter in Science of Animals or Exploring Animals. Science of Animals exhibits will be judged on general project day.

SWINE

Barn Fee - \$3 per animal. Must be paid at time of fair registration or registration is considered incomplete.

- **All swine must have ear tags and be notched prior to the fair.**
- Swine must be registered for all potential classes by the FairEntry deadline. All classes you intend to show in NEED to be determined prior to swine entering the scale. The scale will be available for everyone's use on Wednesday, 9pm to midnight and Thursday, 6 am to 9:30 am prior to weigh-in at 10 am.

You can register for **7** different swine classes, each animal can only be exhibited in one class. Please remember each exhibitor will only be allowed to bring 5 actual pigs to the fair.

Members must; own Market and Auction animals, Breeding animals can be owned or leased; All animals must be in members possession prior to May 16th. By May 16th: all barrows and gilts must be identified, tagged with a 4-H ear tag and have ear notches according to the Universal System; animal ownership affidavit must be in the Extension Office.

For Auction there will be 10 sold on the auction. The judge will determine the selection and rank the Market Gilts and Market Barrows into one list.

Market Barrows and Market Gilts weighing less than 220 and 301 pounds and over can show in these classes, and be eligible for Carcass Contest; however they will only be eligible for blue, red, or white ribbons. These classes may be split if necessary by weight at the discretion of the committee.

BIRTH DATES:

January Gilt	Born in January of current year
February Gilt	Born in February of current year
March Gilt	Born in March of current year
Market Barrow	Born on or after January 1 of the current year. Recommended farrow date of Feb. 1 or after
Market Gilt	Born on or after January 1 of the current year.

Recommended farrow date of
February 1 or after

BREEDING GILTS

- Crossbred Breeding Gilt born on or after January 1 of current year. State Fair Consideration. Champion ribbons will be awarded. This class is not eligible for Carcass evaluation, however members can have it hauled to the locker for processing at member's expense.
- Registered Breeding Gilts born on or after January 1 of current year. State Fair consideration. Champion ribbons will be awarded. This class is not eligible for Carcass Evaluation, however members can have it hauled to the locker for processing at members expense.

MARKET BARROW

- State Fair Crossbred Market Barrow. Barrows in this class should not be finished until Labor Day Weekend for the State Fair. Blue ribbon animals in this class are also eligible for the NE Livestock Show in mid-September.
- Auction Market Barrow. To qualify for a purple ribbon at the county fair, they must weigh at least 220 pounds and not exceed 300 pounds. This is a purple ribbon class. This class is eligible for Carcass Class.
- State Fair Registered Market Barrow. Barrows in this class should not be finished until Labor Day Weekend for the State Fair

MARKET GILT

- State Fair Market Gilt. (Crossbred and Registered) Gilts in this class should not be finished until Labor Day Weekend for the State Fair. Blue ribbon animals in this class are also eligible for the NE Livestock Show in mid- September.
- Auction Market Gilt. To qualify for a purple ribbon at the county fair, they must weigh at least 220 pounds and not exceed 300 pounds. This is a purple ribbon Class. This class is eligible for carcass class.

*Registration papers must be presented at weigh-in.

Blue ribbon animals in this class are also eligible for the NE Livestock Show in mid-September.

Requirements:

- Recommended minimum weight for State Fair is 220 pounds; maximum State Fair weight is 300. Market animals exceeding the maximum weight will not be eligible for State Fair.
- Registration papers must be presented at weigh-in for animals in registered classes

SWINE SHOWMANSHIP

Blue, red, and white placings will be given to all exhibits, with a grand and reserve awarded to the two best showmen in each

lot. 4-Hers who are in 8th grade have the option to participate as an intermediate or as a senior showman. All animal showmanship entries must be listed on the county fair registration due July 1st. No additions will be made at the fair.

- Senior Showman (grades 9+)
- Intermediate Showman (grades 6-8)
- Junior Showman (grades 3-5)
- Cloverbud Showmanship
 - Parent or responsible person must be in control of the animal at all times.

SWINE POSTER

County class only. If entered with state advancement intent, enter in Science of Animals or Exploring Animals Science of Animals exhibits will be judged on general project day.

GENERAL (Static) 4-H PROJECTS

AEROSPACE

Project Description

4-H members learn about the latest in aerospace technology including airplanes, rockets, helicopters, balloons, etc. Aerospace includes any objects that fly within the Earth's atmosphere and outer space.

Exhibit Suggestions:

- Flyable models built from kit or your own design.
- Non-flyable models built from kit or your own design.
- Display of other equipment needed for aerospace projects.
- A rocket launch.
- Build a model (rocket, airplane, satellite) and identify the parts.
- Explain the science about how airplanes fly.
- Explain how the model rocket flies.
- Identify parts of a hot air balloon and how they work.
- Discover and identify the basic parts of a helicopter and how they work.
- Make and demonstrate a hang glider.
- Compare and contrast different types of kites (flat, box, parafoil, etc).
- Discuss pros and cons of different types of flight (airplane vs helicopter vs jet, etc).

Requirements:

- Flyable models should be ready for flight (do not include fuel); recovery systems should be in place and operative.

- Members should be familiar with safety codes in the 4-H curriculum.
- Models or any other project object(s) can be used during the judging process.

AGRONOMY

AGRICULTURAL TECHNOLOGY

Exhibit Suggestions:

- A display or presentation highlighting the technology used in agriculture such as GPS tools, drone use, implement technology, yield mapping, genetic engineering, seed traits, agricultural chemistry, precision agriculture, on-farm research, side by side trials, etc.

CORN

Exhibit Suggestions:

- A two-quart jar or clear container (equalling 8 cups) of shelled corn.
- A display of ears of dent corn, consisting of 6-10 ears of corn of the same variety.
- A bundle of corn stalks, consisting of stalks of the same variety.
- An educational display illustrating corn's plant reproduction, different types of corn, plant growth factors, plant characteristics, plant part identification, growing and using plants, plant growth and food production, examples of a plant disease, etc.

Requirements:

- Crop must be grown on a farm with which you have a relationship with the producer and have interviewed the producer about the growing process. Crops must have been grown in the current or previous growing season.
- Include an information card listing the variety, soil and agronomy information of the crop if exhibit is a crop sample.
- Be familiar with crop input costs and the growing process.

FORAGES

Exhibit Suggestions:

- A dried sample, in a 3-5 inch tied, dried bundle, clear container of ensiled forages or in a sample 4-6 inch slab of a bale of forage. Forages include alfalfa, warm season grasses, cool season grasses, sorghum, native grasses, silage, etc. It is recommended that a sample analysis of your forage accompanies the sample. (Kits from DHIA are available from <http://www.stearnsdhalab.com>)
- An educational display illustrating one of the following ideas: nutritional analysis of feedstuff, plant reproduction, plant growth factors, plant characteristics, growing and using plants, plant

growth and food production, examples of a plant disease, etc. of forages.

Requirements:

- Crop must be grown on a farm with which you have a relationship with the producer and have interviewed the producer about the growing process. Crops must have been grown in the current or previous growing season.
- Include an information card listing the variety if the exhibit is a crop sample.
- Sample could be in a clear plastic container or large clear plastic bag.
- Be familiar with crop input costs and the growing process.

PLANT AND SOIL SCIENCE

Exhibit Suggestions:

- Take soil samples and compare soil analysis (soil analysis can be done by obtaining kits at your local Extension Office).
- An exhibit showing different varieties of forages, cover crops, etc. (seed or plant)
- A plant life cycle exhibit highlighting the growth of a plant from seed to a mature plant.

SMALL GRAINS

Exhibit Suggestions:

- A two-quart jar or clear container (equalling 8 cups) of any small grain variety. This could include wheat, oats, rye, barley, etc.
- A dried sample, in a 3-5 inch tied, dried bundle of the same variety.
- An educational display illustrating one of the following ideas: plant reproduction, plant growth factors, plant characteristics, usage of plants, plant growth and food production, examples of a plant disease, etc. of a small grain.

Requirements:

- Crop must be grown on a farm with which you have a relationship with the producer and have interviewed the producer about the growing process. Crops must have been grown in the current or previous growing season.
- Include an information card listing the variety if the exhibit is a crop sample.
- Be familiar with crop input costs and the growing process.

SOYBEANS

Exhibit Suggestions:

- A two-quart jar or clear container (equalling 8 cups) of soybeans.
- A dried sample, in a 3-5 inch tied, dried bundle of the same variety.

- An educational display illustrating plant reproduction, plant growth factors, plant characteristics, usage of plants or seeds, plant growth and food production, examples of a plant disease, etc. of a soybean.

Requirements:

- Crop must be grown on a farm with which you have a relationship with the producer and have interviewed the producer about the growing process. Crop must have been grown in the current or previous growing season.
- Include an information card listing the variety if the exhibit is a crop sample.
- Be familiar with crop input costs and the growing process.

SPECIALTY CROPS

Exhibit Suggestions:

- An adequate sample of a specialty crop such as sugar beets, edible beans, black beans, kidney beans, field produced sweet corn, peas, carrots, potatoes, popcorn, etc. Dried products should be in a two-quart jar or clear container (equalling 8 cups); fresh products on a plate or flat box.
- A dried sample, in a 3-5 inch tied, dried bundle of the same variety.
- An educational display illustrating one of the following ideas: plant reproduction, plant growth factors, plant characteristics, usage of plants, plant growth and food production, examples of a plant disease, etc. of a specialty crop.

Requirements:

- Crop must be grown on a farm with which you have a relationship with the producer and have interviewed the producer about the growing process. Crops must have been grown in the current or previous growing season.
- Include an information card listing the variety if the exhibit is a crop sample..
- Be familiar with crop input costs and the growing process.

WEEDS AND PESTS

Exhibit Suggestions:

- A display or presentation highlighting any current pests in agriculture or horticulture. Could include their life cycle, prevention or treatment, their impact on the plant, etc.
- A weed display or book identifying different weeds in agriculture or horticulture. Highlight one weed in depth, a class of weeds (such as grasses or broad leaves) or a collection of different weeds. Could include identification details, life cycle, weed control, the impact on crop production, etc.
- *Note: Do not include live or dried noxious weed samples in your display (check current listing at

<https://www.mda.state.mn.us/plants/pestmanagement/weedcontrol/noxiouslist.aspx>). If you are bringing in a sample of weed seeds, put it in a sealed container.

BICYCLE

Exhibit Suggestions:

- Exhibit showing built, restored, reconditioned or rebuilt bikes.
- Display showing types of bikes, parts of a bike, maintenance, traffic rules, bicycling hazards, city/county/regional bike or active transportation plans, how to wear a helmet, equipment used to teach others about bike repair or first aid, etc.
- Documentation (such as slideshow, notebook, picture book, poster or film) of a bike rodeo or other bike event you helped with, or research on some other aspect of bicycling that was presented to a class, committee or service club.

CAKE DECORATING

Note: This is judged in the Crafts category.

Traditional Cake/Cupcake

Creative Cake/Cupcake Cloverbud

Exhibit Suggestions:

- Theme cakes - birthday, wedding or other special events
- Creative cakes: animals, cars/trucks, food,
- Traditional cakes: traditional wedding cakes; cakes with borders, flowers, fancy tips

Suggested Requirements:

- Cake must be out of the pan and frosted
- Cake should be on a platter to show the judge
- If during county fair, you may want youth to bring a photo to leave on display (if taking cakes home)
- Frosting and Cake should be homemade
- Sheet cakes should be no larger than a ½ sheet (13"x18")

CAT (includes CAT SHOW)

See "Pets" section

CHILD & FAMILY DEVELOPMENT

Project Description:

Discover how to be self-reliant and responsible, how to handle emergencies and develop home-alone skills. Learn about home safety, age-appropriate toys, nutritious snacks for children and how to create a poem, story or game.

Exhibit Suggestions:

- Toy, game, puzzle, puppets, art/craft materials, etc., made from new or recycled/throw-away material.
- Babysitting kit/travel kit/rainy day kit, including at least one item made by the exhibitor.

- Original book, story, poem, song, play, cookbook, audio or video tape and narrative, activity book, safety manual for children, file about children and/or families.
- Scrapbook, photographs, items, reports, video, etc., on family heritage with description of what was learned about self and family.
- A creatively developed program and/or item used for or with a person with differing abilities (i.e. learning difficulties, physically impaired, etc.).
- Display exploring different types of families (nuclear, blended, single parent, childless, foster, etc).
- An educational display explaining foster care/foster families in Minnesota
- Display exploring resources for children alone at home (i.e. activities, games, kits).
- An educational display about youth mental health. Explore strategies to help youth cope with stress, anxiety, etc. with busy bags, sensory bottles/activities, conversation tips, etc.
- Display sharing your experience job shadowing an early childhood education provider, child care provider or another youth worker.
- An educational display with resources available to lower income families (i.e. WIC, Food Shelf, SNAP, SHIP, etc).
- An educational display illustrating how you've developed a tour of a local community, government or community agency; learned how government functions; and learned about police, fire protection, health, sanitation, safety, and tourism in your community.
- A display on different parts of the world, highlighting their cities, culture, history and more.
- A display explaining how you organized and led tours in your towns, communities, courthouse or historic places.
- An educational display on how the government works or the functions of various government agencies.
- A display on community organizations, agencies or service departments like fire departments, police departments, sanitation, tourism, etc.
- Complete a service project and create a display of what you did and why you did it.

CLOTHING AND TEXTILES (includes FASHION REVUE)

Clothing & Textiles exhibits should be finished, clean and pressed for exhibition. Exhibits can be used before showing, but should be cleaned before exhibiting. Garments and sewn non-garments should be appropriate for the skill level and experience of the exhibitor.

Requirements:

- Exhibitors should be prepared to discuss, in conference judging, the age and other characteristics of the child for whom the exhibit is intended and how the exhibit contributes to the child's growth, development, and well-being.
- If the exhibit is designed to be interactive with children, the item should be used with children before exhibiting and a photograph of this activity should accompany the exhibit. Signs of use will not detract from the placing of the exhibit.

CITIZENSHIP

Exhibit Suggestions:

- Highlight of community projects and/or citizenship activities which you or your club completed under your leadership. Include plans of action as well as the impact of each.
- An educational display illustrating the description of a service project, which may include: how you identified the need in your community, developed a project to address the need, carried out the project, and reflected on the results.
- An educational display illustrating how you've researched, reflected, and learned more about yourself, your family, and your friends.
- An educational display illustrating how you've researched, reflected on, and learned more about your community, its history, and how to be a good neighbor.

Constructed Clothing

Exhibit Suggestions:

- Include an information tag listing: pattern company name and number or inspirational photo for design, fiber content of fabric and care instructions.
- Constructed garment such as a blouse, shirt, top, skirt, pants, sweatshirt, jumper, dress, outerwear, etc.
- Constructed garment utilizing a fabric or technique new to the exhibitor, such as synthetic suede, active sportswear, micro-fibers, satin, etc.
- Using tailoring techniques to construct a garment
- Wearable art that can be included as part of the constructed garment.
- Educational poster or display on a clothing or textiles subject of your choice. Examples: career in industry, difference in fabric, how fabric is made, evolution of clothing, cost comparison, clothing selection, care of fabric, etc.
- Garment mended, repaired or recycled, with color photo of original garment and explanation of steps used.

Upcycled Clothing

Exhibit Suggestions:

- Significant alterations to a garment. Examples: oversized t-shirt made into a cinched t-shirt dress, alternating the style of the garment, updating an old prom dress to make it current, etc.
- Wearable art that can be added to purchased garment.

Requirements:

- An upcycled garment is one that is constructed from a previously worn garment that has been updated/alterd in a way to produce a new garment.
- Colored photo of original garment and colored photo of new garment

Purchased Clothing

Exhibit Suggestions:

- Additional information that could be included in 8 1/2" x 11" binder:
 - Cost per wear
 - Cost comparison (construction vs. purchased)
 - Inventory of wardrobe (not including undergarments)
 - Educational facts about fabric in garment(s)
 - Additional photos showing ways it can be used in existing wardrobe
 - Accessories/shoes worn
 - Any other educational information not listed above
- Purchased garment such as a blouse, shirt, top, skirt, pants, sweatshirt, jumper, dress, outerwear, etc.
- Pre-used garments not altered. Examples: thrift store, garage sale, hand-me-down, etc.

Requirements:

- The purchased garment or outfit must be accompanied by an 8-1/2" x 11" binder with the following information:
 - Colored photo of member wearing the garment. Label photo with name, county, and color of complexion, hair and eyes.
 - Cost of garment and explanation of why garment was purchased
 - Fabric content and care of garment
 - Examples of ways it will be used in existing wardrobe
 - Sale receipt and tags, if available

Sewn Non-Garment

Exhibit Suggestions:

- Non-clothing sewn, constructed item. Examples: simple home or clothing accessory item such as a pillow, apron, book bag, belt, placemat, gym bag,

sewing kit, etc.

- Non-clothing article using a pattern or your own idea.

Requirements:

- Include an information tag listing: pattern company/kit name or source, fiber content of fabric and care instructions.

Fashion Revue Constructed Clothing

Fashion Revue Purchased Clothing

Fashion Revue Upcycled Clothing

Fashion Revue Constructed or Purchased or Upcycled Exhibit Suggestions:

- Judging is on the overall completed look which includes the outfit, accessories and overall appearance

Fashion Revue Constructed or Purchased or Upcycled Requirements:

- Participants may model any clothing they have constructed, purchased or upcycled as a part of their 4-H clothing project.
- Garments are required to be modeled during conference judging and fashion show.

Note: At State Fair, clothing exhibitors can use the same garment to participate in both fashion revue and the corresponding clothing & textiles project in the same year. Example: Constructed fashion revue exhibit can be judged in the constructed clothing area (or vice versa).

🍀 **CLOVERBUDS** 🍀 - **There are** no State Fair trips in this division

Cloverbud General Exhibit

Cloverbud Animal Science Exhibit

4-H Adventures

Cloverbud Cat Show

Cloverbud Demonstration (Individual & Team)

Cloverbud Fashion Revue (see Clothing & Textiles section)

Cloverbud Food Review (see Foods & Nutrition section)

Cloverbud Group Project

Cloverbud Item Made at Meeting

Cloverbud Item Made at Home

Cloverbud Pet Show

Exhibit Suggestions:

- We encourage cloverbuds to review the project area requirements in the general project and animal science project areas to learn more about what would be required of their project when they reach 3rd grade. (e.g. Photography- pictures

require a mat and cannot be framed, recipe card with food project)

- General projects could include: 3 cut flowers in a vase, a potted plant, vegetable or fruit art, a nutritious food snack (include a recipe card), a simple item you made for your home like a pillow, placemat, decoration, etc., rock collection, paper bag puppet, 4 interesting objects of nature, tree leaf collection, display of insects, simple craft item, or anything else you can think of. (Think about how your project will be displayed at the fair, review the static project requirements within the specific project area for ideas for displaying or hanging your exhibits, poster or display sizes, etc.)
- Animal Science posters could include how you care for your animal, animal breeds, fun things your animal can do, what your animal eats, etc.

Requirement:

- Cloverbuds are youth who have completed grades K-2 by the county fair. Cloverbud programs emphasize cooperative rather than competitive experiences—in accordance with our guidelines all Cloverbuds will receive a participation ribbon, rather than the blue, red, white or champion ribbon.
- Cloverbud general exhibits can be made at home, at a 4-H or non 4-H meeting or event.
- Cloverbud animal science areas include live animals or posters in the following Beef, Dairy, Goat, Horse, Llama & Alpaca, Poultry, Rabbit, Sheep & Swine. Animal-related project areas must follow the MN 4-H Cloverbud policy that requires a responsible adult or older youth to handle the animal. This includes pet and livestock projects.
- Review the Cloverbud Information Sheet to ensure the project is developmentally appropriate and follows 4-H Cloverbud policies.

Cloverbuds can bring up to 8 non-animal items to the County Fair

COMPUTER

See “Technology” section

CONSUMER EDUCATION & MONEY MANAGEMENT

Project Description:

This project will help you learn about being a good consumer as you explore smart shopping, income and expenses, saving money, credit, and needs vs. wants.

Exhibit Suggestions:

- A budget workbook, income/expenses graphs, impact of supply chains on consumers, savings plans, etc.
- Junior exhibitors: a basic comparison of similar products with different pricing.
- Intermediate exhibitors: include additional aspects of products other than just price
- Senior exhibitors: compare numerous components (nutritional value, cost per ounce, fabric content, longevity, etc).

CRAFTS & FINE ARTS

Note: Members enrolled in Creative Arts can exhibit in both Fine Arts and Crafts.

Note: All exhibitors are awarded at the state fair Blue, Red & White Ribbons, counties can elect to use participation ribbons. Then evaluation panels may determine special purple recognition awards.

CRAFTS

Note: Cake decorating is judged in this category as it's not the nutritional value being judged.

Exhibit Suggestions:

- For a beginner, choose a project that teaches new techniques. For advanced, choose a project requiring masterful craftsmanship.
- Work directly from a kit, diamond painting, social media influenced/inspired, LEGO kits, model replicas, no sew/tie blankets, ceramic casts, paint by number, etc.

Requirement:

- Each exhibit will be evaluated on its individual merit as a craft/kit.
- Emphasis is on the creative process and the implementation of design elements and principles. The craft/kit exhibit develops from someone else's ideas and can be easily replicated, modified and repeated by others.
- All projects need to be presented in a finished manner.

FINE ARTS

Exhibit Suggestions:

- For a beginner, choose a project that teaches new techniques. For advanced, choose a project requiring mastery.

- Original work (no kits) in drawing, painting, sculpture, paint pouring, textiles, pottery, jewelry making, fiber art, quilting, etc.

Requirement:

- Each exhibit will be evaluated on its individual merit as an original fine art.
- Emphasis is on the creative process and the implementation of design elements and principles. The fine art exhibit should show proof that it is developed from the 4-H'ers own ideas and imagination.
- All art objects must be appropriately finished. For state fair eligible: exhibits must be ready for hanging, displaying, etc. (i.e. wire or hooks on paintings, bases for 3 dimensional work, etc.)

CREATIVE WRITING

Project Description:

Exhibits could include written short stories, poems, essays, play scripts, speeches, memoirs, social media posts, articles, blog posts, graphic novels, etc.

Exhibit Suggestions:

- Series of original poems.
- An original short story.
- A children's story or a story written specifically for young children, typically includes illustrations
- Series of social media posts or an article educating the public on a topic you are passionate about.
- An original graphic novel including characters' dialogue, plot line and illustrations.
- A display on the different types of poems or your favorite author
- A display on "What is Creative Writing?"

Requirement:

- Creative Writing exhibits should be an original written piece; if the work of others are quoted or included, be sure to include proper citation.
- Display your work in a way that can be viewed by fairgoers (printed in a binder, written on a canvas, hung on a display, etc.)

CROP SCIENCES

See "Agronomy" section

CORN

See "Agronomy" section

SMALL GRAINS & LEGUMES

See "Agronomy" section

DOG

Note: Dog **Show** Entries can be found on the AnSci Pages
See "*Pets*" section

ELECTRIC

Exhibit Suggestions:

- Working electrical item constructed for home, yard, or farm.
- Diagram of wiring in your home/farm showing switch locations, fuse boxes, wire size, capacities, fuse sizes, total bulk wattage, appliance wattage, number of circuits, and type of wiring installation.
- Electronic item built from kit, plan, or own design with an explanation of what it is and how it is used.
- Display ideas: Careers in electrical field, electrical experiment (may or may not have worked), educational display used in teaching others, etc.

Requirements:

- A wiring diagram or schematic must accompany all electric and electronic exhibits

ENGINEERING DESIGN

See more on the Engineering Design project page

<https://extension.umn.edu/4-h-stem-projects/4-h-engineering-design-project>

AQUATIC ROBOTICS

See "*Technology*" section

ENGINEERING DESIGN

Project Description:

Engineering design projects address a problem by developing a solution that successfully solves the problem. Important in engineering design projects is identification of the problem being solved and testing and improving the solution.

Exhibit Suggestions:

4-H members should use the 4-H Engineering Design Process: Ask, Imagine, Plan, Create and Improve as they work on their Engineering Design project. Examples:

- Using everyday items to build a simple machine to complete a simple task
- Using everyday items to create a product to solve a real life situation
- Using LEGOS to create and test different types of bridge designs
- Engineering a roller coaster – Use KNEX or other materials to engineer and create a roller coaster
- Engineering a bridge – using everyday items to create a bridge to sustain 5 pounds of weight
- Engineering a catapult/trebuchet – using everyday items to create a machine to launch a marshmallow a minimum of 3 feet
- Engineer a wind turbine to solve a problem (example: using wind energy to lift a bucket)
- Using everyday items to build a simple machine to complete a simple task

- Using everyday items to create a product to solve a real life situation

Requirement:

- Include description of the problem/challenge being solved
- Include description of how the engineering a design process was used to solve problem
- Description(s) can be verbal or written

ENGINEERING DESIGN CHALLENGE LEVEL 1 & 2

Engineering Design Challenge Team Member:

Level 1 - grades 3 -8 (suggested)

Level 2 grades 7 - 12 (suggested)

Each member (regardless of age) needs to register in one of these levels

An Engineering Design Challenge machine is based on a Rube Goldberg-type machine, an overly complex contraption designed to accomplish a simple task. The best machines use a variety of everyday items to create a series of chain-reaction steps to accomplish a simple task. In the project, youth not only employ engineering, physics, humor and storytelling, to create their machine.

This program requires a team of at least 3 and no more than 10 youth members.

Exhibit Suggestions:

- Engineering Design Challenge machine itself
- Display, binder, poster, video illustrating the process of the doing the activity/project

Requirements:

1. Please refer to the Engineering Design Challenge Level 1 and 2 Handbooks at z.umn.edu/4hedc for complete details.
2. Teams of at least 3 youth
3. Machine must complete a minimum of 10 steps
4. Machine must operate in 2 minutes or less
5. Exhibit physical size limited to 6 ft x 6 ft x 6 ft
6. Describe how an engineering design process was used to complete the project.
7. Provide a journal record illustrating the process of completing the project.

Note: The Engineering Design Challenge showcase event occurs outside of the State Fair (typically before the State Fair). In 2022, teams can choose to participate in person or virtually. Teams choosing to participate virtually will need to submit a video of their machine prior to virtual judging. Please refer to the Engineering Design Challenge Level 1 and 2 Handbooks (z.umn.edu/4hedc) for complete details

ROBOTICS

See “Technology” section

ENTOMOLOGY

See “Natural Resources” section

EXPLORING ANIMALS

Project Description:

Intended as an introductory project area for youth who have limited experience with livestock/animal science. This area is a pathway to more in-depth study of the animal.

Exhibit Suggestions:

- An educational exhibit to show or explain something 4-Her made, did, learned, or may explore consumer issues, breeds or careers.
- Poster, journal, video, 3 ring binder of animal being explored.
- Explore basic care & handling, basic feeding, basic housing, animal welfare & ethics, etc.

Requirements:

- This area is for 4-Hers who wish to learn more about a given species. Animal ownership is not required.
- Exploring Animals include: Beef, Dairy, Dairy Goat, Meat Goat, Llama/Alpaca, Poultry, Rabbit, Sheep or Swine.
- Youth interested in cats, dogs, horses or other domesticated pets (guinea pigs, snakes, rats, etc) should see appropriate sections of the premium book.

Note: Youth with more advanced animal/livestock experience should enter their exhibits in the Science of Animals category.

EXPLORING THE ENVIRONMENT

See “Natural Resources” section

FISHING SPORTS

Exhibit Suggestions:

- Fish identification. Describe the habitat and food needs of selected Minnesota fish; develop a panel display explaining the life history of a fish; create a model or exhibit identifying the parts of a fish.
- Fishing Knots. Identify how and where each knot is used; fishing equipment which is made or repaired such as lures, fishing rods and reels, ice fishing rig, or other fishing equipment;
- Safety practices and techniques that are related to fishing (& ice fishing) or boating.
- Examples of how water quality affects the fish ecosystem.
- Create a display or diagram of Aquatic habitats, invasive species
- Tactics to fish for various species of fish, techniques and equipment used
- Cultural aspects of fishing

- Regional differences across the US/world. (Types of fish, environments, ways to fish, considerations)
- Research commercial fishing for food industry
- Explore career opportunities
- Local Department of Natural Resources fishing regulations

FLOWER GARDENING

See “*Horticulture*” section

FOODS AND NUTRITION

FOODS

Exhibit Suggestions:

- Food items such as:
 - Bars & Cookies (no commercial mixes)
 - Breads (no commercial mixes)
 - Cakes (no commercial mixes)
 - Pastries (no commercial mixes)
 - Gluten Free Baked Goods
 - Homemade Meal
 - Other Homemade Food
 - Fun with Convenience Foods
 - Recipe Adaptation to Improve Nutrition
 - Cake/Cupcake & Cookie Decorating
- Food science experiment
- Exhibit showing food and/or kitchen safety.
- Investigate food allergen of your choice
- Display about careers in the food industry

Requirements:

- Exhibit may be food items and/or displays.
- Exhibitors should be prepared to discuss with the judge: recipes, references, information sources, methods, etc., as appropriate to that exhibit.
- Exhibits containing perishable foods, which may be discarded, must include a colored photograph of the food. Print the photo and recipe on an 8 ½" x 11" paper.

Note: If food safety is a concern, judges reserve the right not to taste and/or judge foods items.

NUTRITION

Exhibit Suggestions:

- One serving of nutritious food (vegetable or fruit dish, snack, bread, dairy, etc.). Include 8½ x 11 poster showing nutritional value, recipe, and a photo of the food.
- Study of nutrients needed for yourself or someone else, using the dietary guidelines and MyPlate.
- Make a food or fitness plan for yourself or someone else and show how it relates to nutritional and energy needs. (Example: an athlete on a volleyball team, a teen who doesn't have a lot of time).
- Adapt a recipe(s) to show healthier ingredient choices.

- Study of how physical fitness and/or food choices are related to disease (such as: cancer, heart disease, osteoporosis, diabetes, etc.)
- Study of labels from similar food items, comparing important nutrient content like fat, fiber, and sugar.
- Explore nutrition-related careers

FOOD PRESERVATION

Exhibit suggestions:

- Suggested exhibits include one (1) jar or one (1) bag of product:
 - Vegetables or fruits
 - Jams, jellies, preserves, low-sugar spreads (no frozen)
 - Pickled products (fermented or added acid, including pickles, sauerkraut, relishes, salsa).
 - Meats, poultry and/or fish. (Fish must be in pint jars.) Must be processed in a pressure canner.
 - Note: Preserved fish count toward the limit that can be in your possession.
 - Dried vegetables or dried fruits.
 - Dried herbs.
 - Beef or venison jerky.
- Learn about cottage food producer requirements in Minnesota
- Display about different methods of freezing foods
- Explore commercially available freezer bags to see which produces the best quality
- Display about preserving foods that you've hunted and/or caught
- Research different methods for harvesting and preserving butchered meat
- Make a poster about making freezer jams/jellies
- Research illnesses you can get from improper food preservation
- Teach others about safe canning methods
- Display about canning equipment and its purpose
- Learn about preserving foods in a pressure canner
- Compare current food preservation techniques with those used in the past

Requirements:

- All recipes, procedures, and processing times followed must use current (1994 or newer) USDA and/or National Center for Home Food Preservation, Ball Corporation or [University of Minnesota](#) recommendations. Recipes from pectin packages, etc. are acceptable.
- All food preservation exhibits must be labeled or have a note card that includes county, name, grade, product, style of pack, processing method (boiling water bath or pressure canner), date, processing time, date processed and source of recipe. Pressure

canned items indicate dial or weighted gauge and how many pounds of pressure used.

- Jars must be heat-tempered clear glass canning jars, not commercial glass jars (i.e. glass mayonnaise jars).
- All jars must be sealed. Jellies and jams must be covered with lids.
- Use pint jars for fruit, vegetables, and fish; one-half pint jars for jams and jellies; 2- 1 pint jars or one quart jar for pickled products.
- No artificial food coloring should be added to entries.
- Dried foods may be stored in glass jars, self-sealing plastic bags or airtight plastic bags. The quantity of dried foods should be: fruits and vegetables 1/2 cup or more of each, herbs - 1/4 cup of each in whole leaf form, 3 strips of meat (i.e. venison or beef jerky).
- Foods must be preserved within the past year.

Food Revue (judged Tuesday of County Fair)

Exhibit suggestions:

- Exhibitors may bring to the county showcase experience: one item of food from the menu; a place setting which includes dishes, silverware, linens and centerpiece for the course in which food is served.

Requirement:

- The display must be no larger than 30" square.
- Food Revue will be judged on food and nutritional knowledge, menu design/theme, table setting design, and cost information.
- Must include binder, which includes: Cover page, menu, cost, nutritional information, picture of place setting, picture of food, and one or more pictures of you in action preparing your meal.
- Note: the judge may or may not taste the food.

FOREST RESOURCES

See "Natural Resources" section

FRUIT

See "Vegetable, Fruit and Herb Gardening" section

FRUIT, VEGETABLE AND HERB GARDENING

See "Vegetable, Fruit and Herb Gardening" section

GEOLOGY

See "Natural Resources" section

GLOBAL CONNECTIONS

Project Description:

Lessons on Global Citizenship are as close by as your local grocery store, library, highway or high school and can be as far away as places like Oslo, Nairobi or Hong Kong! Global Connections projects allow you to explore countries and learn about their government, history, people and popular cultures. It also allows you to further explore your own culture and

traditions. Discover how you can make a difference in your community and your world with a Global Connections project.

Exhibit Suggestions:

- Make a poster exploring your own culture. What are the important elements of your culture and how is it different from other cultures?
- Make a display of coins, stamps or postcards from other countries. How are they used? What is the meaning of the images on them?
- Record an oral history interview with someone from another culture living in your community.
- Service learning: Teach English to non-native English speaking people. What did you learn from doing this?
- Make a collection of foreign recipes and prepare them for others. Consider Hmong or Somali cuisine, or another that of another Minnesota group.
- Prepare an exhibit of items, pictures, maps, charts, slides/tapes, drawings, illustrations, writings or displays that depict the heritage of the member's family or community or 4-H history.
- Prepare a display illustrating what you have learned about a country's or U.S. region's geography, economy, agriculture, people, language, housing, culture, music, crafts, clothing, holidays or other aspects.
- Pick a country to study, then look up which one of the fifty U.S. states has a similar population to that country. Create a presentation documenting the similarities and differences between the identified country and the state based on the following topics:
 - Climate and weather
 - Culture and traditions
 - Food and cuisine
 - Language

HEALTH & WELLNESS

Exhibit Suggestions:

- Research and report on a health issue of your choice.
- Report on a community service project that you conducted or volunteered with that relates to a health issue or addresses a community need.
 - Include objectives, audience, timetable, program description, materials, community support and evaluation.
 - Examples might include food distribution centers, homeless shelters, vaccine clinics, blood drives, community run/walk events such as a 5K,
 - Share the results of a service project you conducted in your community to address a health-related need.
 - Make a personal connection with an organization or group working to address health disparities or health inequities in your community (for example, availability

and access to safe and affordable housing).

- Conduct a community health assessment for your county, tribe, city or school. What are they doing well to support people's wellbeing? What challenges have arisen? What solutions are they offering to support the community? What will you do now that you have this information?
- Research resources that are available to you in your community. Does this provide information useful to you or your peer group? What did you learn and do with the information?
- Organize a peer support group, conference, a seminar, a workshop, or a chemical-free party. What is your goal in creating this group?
- Promote health through campaigns, activities, and events centered on specific health issues.
 - Create a health day/week at school or arrange a health topic at your 4-H club meeting.
 - In collaboration with others (school, peers, etc.) develop an "anti-bullying" campaign to address Social Media Health.
- Create a Day in the Life Timeline to identify how you spend your day -
 - Where can you set goals to include more healthy practices such as mindfulness, fitness, movement, more fruits or vegetables, etc.?
 - Share some ways you incorporate self-care and/or mindfulness practices into your daily routines.
 - How do you manage schedules/Stress Management?
 - What steps do you take to ensure you are nourishing your body throughout the day?
- Create a video or musical production addressing a cause that's connected to health and wellness.
- Design a model of the human skeleton and label the bones or learn about other organs and systems of the human body
- How does fitness, motion, or athletics fit into a healthy lifestyle for you
- Careers in the health science industry

HOME ENVIRONMENT

Exhibit Suggestions:

- Finished or refinished wood item, or reupholstered furniture with before and after photos.
- Repaired, restored, or remodeled or upcycled item for the home.
- Chart and/or plan for the care and maintenance of the inside or outside of the home including daily, weekly, monthly, and yearly jobs.
- An article remade or reclaimed for the home with a link to the past, including history of use.

- Description, diagrams/photos, samples and cost of a redecorating or remodeling plan showing before and after.
- Item creation for the home - for appeal or for practical use.
- Home organization and functionality (i.e. make a spice rack).
- Environmentally friendly home improvements; assess energy efficiency.

Requirements:

- Members exhibiting in this project should be prepared to discuss and/or have written information to show how their exhibit applies to the home, how and where it is used or displayed, and all details of how it was made or selected. They should know about the subject matter of the specific exhibit, the materials used, how and why it was done, costs involved, and alternatives considered.
- A photograph and details showing its place in the home environment must accompany exhibits that are items for the home.
- Pictures and wall hangings that are exhibited should be finished and ready to hang.
- Purchased kits ARE ALLOWED to be used.

HORTICULTURE FLOWER GARDENING

Exhibit Suggestions:

- When exhibiting cut flowers, we suggest:
 - three stems of one variety of annual flowers, or
 - one stem of a hardy perennial, or
 - one stem of summer flowering bulbs, or
 - one blossom of a tea rose, or
 - one stem of a hardy shrub rose.
- Flower bouquet or arrangement on any theme.
- Display of dried flowers with a card explaining the drying method.
- My Flower Garden - Exhibit on poster board, not to exceed 22 x 28". Include a plan of the garden drawn to scale, the correct variety name and pictures (or photographs) of the flowers grown. Be prepared to discuss the process from soil preparation to blooming.
- Educational Exhibit showing the principles of propagation or reproduction, nutrition, culture and physiology (how a plant lives and grows).

Requirements:

- Label each container according to kind or variety.
- Outdoor living flowers and plants are to be exhibited in this area (including Outdoor Fairy Gardens)
- Live plant material will be accepted if it can be maintained in a fresh condition with ease.

INDOOR GARDENING

Exhibit Suggestions:

- Two or more varieties of house plants with common and botanical names.
- Terrarium or dish garden: consider terrarium material of general terrarium plant of native and woodland plants of Minnesota.
- Educational exhibit showing plant propagation, plant history, forcing bulbs, life cycle of a flowering plant, etc.

Requirements:

- Indoor living flowers and plants are to be exhibited in this area (including Indoor Fairy Gardens)
- Potted Plants:
 - Flowering plants should be in bloom.
 - Foliage plants should be in vigorous condition.
 - Plants should be grown in the exhibited container for at least one month prior to fair.
- Plants In Hanging Containers:
 - Container for the plant should not be more than 10" in depth or diameter.
 - Maximum total length of hanger and plant should not exceed 4'
 - Evaluation will include appropriateness of plant for a hanging container, condition, arrangement, hanger to container to plant relationship, and plants being well established.
- Terrariums:
 - The terrarium may not exceed 24" in any dimension.
 - Terrarium should be planted four to six weeks ahead of exhibiting.
 - Members must be able to identify all plant materials in their terrariums, know why they were selected for use (quality, container and design).

LANDSCAPE DESIGN

Exhibit Suggestions:

- A 3D model of a landscaping design (24x36 inches)
- A binder detailing the exhibit with photos, design, budget, key explaining certain pieces in the design, etc.
- A colored design of the layout with colors. Adding explanation of why certain colored plants and what they add to the design.
- Using a computer and designing landscaping, garden area or new treeline development.
- A display about turf management of golf courses vs baseball fields and why certain types of grasses are used.
- Types of turf grasses for home use.

- Creating a landscape project for a nursing home, hospital or other places with people in care. Using plants or bird feeders for patient comfort.
- Discussion options of either annual or perennial plants used.
- Pollinator gardens

Requirements:

Include a design (paper or 3D model)

- Itemization of supplies, plants, trees, grasses, rocks, bricks, pavers, gates/fences, structures, and other materials used in the design
- A budget
- If multi-year, describe the yearly benchmarks.
- Identify software or computer programs used.
- Mentions elements of landscape design such as: Balance, Focalization, Simplicity, Rhythm and Line, Proportion, and Unity.

INDOOR GARDENING

See "*Horticulture*" section

INDUSTRIAL TECHNOLOGY

METAL WORK

Exhibit Suggestions:

- Metal work is the creation of metal structures by cutting, bending and assembling processes. It is a value-added process involving the creation of machines, parts, and structures from various raw materials. Could also include a display on properties, uses, or processing of metals
- It is encouraged that youth provide a binder or supporting documentation about the work on the project - pictures of the process, statement of materials purchased or tools utilized etc.

WOODWORKING

Exhibit Suggestions:

- Woodworking is the skill of making items from wood (or wood substitute/alternative product), and could include cabinet making (cabinetry and furniture), wood carving, joinery, carpentry, woodturning or other wood manipulation techniques. Could also include a display on properties, uses, or processing of wood or wood alternatives.
- It is encouraged that youth provide a binder or supporting documentation about the work on the project - pictures of the process, statement of materials purchased or tools utilized etc.

Requirements:

- Please contact 4-H staff if your project is an oversized exhibit.

LAWN AND LANDSCAPE DESIGN

See "Horticulture" section

MECHANICAL SCIENCE

Project Description:

Includes (but not limited to) automotive, implement, heavy equipment, recreation vehicle, small engine, tractor, electric, type of projects. Includes past projects of Electric, Small Engines and Tractor.

Exhibit Suggestions:

An exhibit focusing on any mechanical science area such as (but not limited to) automotive, implement, heavy equipment, machine, recreation vehicle, small engine, tractor, electric:

- An educational display of some aspect of a machine or a piece of equipment use, operation, modification, repair, care, reconditioning, etc.
- An educational display on the history, purpose, technology or design of a machine or a piece of equipment.
- Engine that has been reconditioned or repaired.
- A device constructed by a member utilizing a powersource.
- Restoration of an engine, vehicle, tractor, machine or implement (body work and/or mechanical)
- Modification of an engine, vehicle, tractor, machine or implement
- If bringing an engine, vehicle, tractor, machine or implement as a project, consider including a binder or display outlining your project process from research to project completion.
- Diagram of wiring in your home/farm showing switch locations, fuse boxes, wire size, capacities, fuse sizes, total bulk wattage, appliance wattage, number of circuits, and type of wiring installation.

Requirements:

- Motorized projects must adhere to safe building and operating design.
- Check space and transportation requirements for large exhibits with your local Extension Educator. Large exhibits may be displayed outdoors
- Fuel must be removed from exhibits for display (fuel can be added for judging purposes, but then removed after judging for safety purposes).
- A colored wiring diagram or schematic must accompany all electric and electronic exhibits. Safety must be reviewed when working with electricity.

NATURAL RESOURCES

Note: To include Entomology, Exploring the Environment, Forest Resources, Geology & Water/Wetlands projects

ENTOMOLOGY

Exhibit Suggestions:

- Projects can include but is not limited to life history displays (e.g. insect life cycle, honey production process, etc), scientific investigation (e.g. insect habitats or effects of environment factors on insects), insects in current events (e.g. pollinators, butterfly tagging, invasive species, protected or declining species), insects in our ecosystem (food source, roles in food production, behaviors, health or disease, etc)
- Live projects (e.g. bee or ant colony)
- Utilize the scientific method to learn about insects. Remember to introduce the subject, describing the process (materials and method), predicting an outcome, stating the results, and discussing any conclusions. Get involved and share what you learned through citizen science projects.
- Collections- cases can be purchased through a variety of vendors or homemade.
 - Specialty insect collection can include but is not limited to a collection of a single order (e.g. Coleoptera or Lepidoptera), a collection of immature insects, a collection of insects from a particular habitat (e.g. aquatic, forest, or prairie) or a collection of economic pests of a specific crop (e.g. insects attacking corn).
 - General collection- starter collection should have 10-20 insects, goal is to get to 50 species of adult insects representing at least 8 orders. Each year add or replace insects. A full 50 species case would be approximately 19" x 16.5" x 3" to 24" x 18" x 3".

Requirement:

- Emphasis of the project must relate to an aspect of entomology. Project must demonstrate specific knowledge of insects. Be prepared to discuss references and sources (e.g. books, magazines, internet, interviews with an expert etc.)
- Displays or booklets on entomology topics should include references and sources. Pictures, drawings, charts, tables, or other figures may be used to support understanding.
- Live projects (e.g. bee or ant colony) will be accepted if the project can be self-sustaining for up to 14 days without special care. A written report or journal should accompany the project. Pictures, drawings, charts, tables, or other figures may be used.
- Collection shall be contained in one see through enclosed case. Arrange so that the case may be displayed in a horizontal position. Place the project label on the lower right corner of the top.

- Specimens must be collected by the exhibitor. Purchased insects are not acceptable.
- Specimens must be properly pinned with insect pins. Small insects may need to be placed on cardboard points.
- Specimens must be properly labeled.
 - The location, date, and collector must be included on the labels. County and state (and country, when applicable) are minimum location information that should be included. It is valuable to include the nearest town or township where the specimen was collected, the type of habitat it was collected from (e.g. on elm tree; on lake shore; indoors.), and the common name of the insect.
 - All labels should be visible so they can be read. Use a permanent ink marker, pencil or print labels from a computer.

EXPLORING THE ENVIRONMENT

Project Description:

Explore the relationships and interactions of plants, animals, humans, and their ecosystems through the specific challenges they face and/or solutions they offer.

Exhibit Suggestions:

- Display or video about environmental challenges, such as climate change, pollution, erosion, etc., describing the causes and their sources, its effect on people and other living things, and potential solutions. Could include news clippings and other media about an environmental issue that you care about.
- Phenology journal used to keep track of environmental changes throughout a season.
- Display showcasing your participation in an event such as a BioBlitz or naturalist program, or other citizen science project to collect data and/or raise awareness.
- Complete a community map or assessment, to observe environmental needs and community assets.
- Vlog detailing hiking, camping, paddling, backyard, and other explorations/adventures
- A display or journal of Minnesota plants, insects, animals, birds or fish. Include pictures or drawings and information on habits, foods, and shelter needs.
- Collection of wildflowers growing near where you live or a place you visit.
- Experiment related to local environmental engineering and/or technology applications: such as

urban design, pocket prairies, roadside management, eco-friendly buildings, etc.

- Pros and cons regarding a specific piece of environmental policy and/or management.
- Choose one living thing in the forest, field or stream and make a display to describe its ecosystem and/or the flow of energy throughout the ecosystem.
- Investigate an invasive, threatened, or extinct species in your area. Where do invasive species come from and is it considered invasive in its native area? What threatens them and what can be done about it? Why do species go extinct and as that happened in the area where you live?

Requirement:

- Follow local or state policies for collecting, removing and/or transporting plants and other organisms

FOREST RESOURCES

Exhibit Suggestions:

- Identify the parts of a tree and what they do with a poster or collection of leaves, seeds, needles, etc.
- Display showing tree growth; annual ring cross-sections; make a seed collection.
- Prepare a report with drawings about your favorite tree--include name of tree, drawings or pictures of tree, facts and uses of the tree, and other appropriate information.
- Display showing layers of the forest; renewable versus non-renewable resources; forestry careers; leaf and twig identification; taxonomic keys; nutrient road maps.
- Display on forest ecosystem health such as succession; tree and forest measurements; fire's effect on the forest; how trees grow; forest types; harvesting methods; pathology of the forest, invasive species, human impacts on the forest.
- Photographic display or report on forest products or industries, including maple syrup production; wood products; Christmas trees or others (recreation, wildlife, etc.).
- Display on woodland management such as policies created by the U.S. Forest Service or specialized design including shelterbelts/windbreaks and urban forestry.
- A video or display about the human health benefits from trees, and what role trees play in global ecology.
- Organize or take part in a mass tree planting and calculate the amount of carbon that will be offset
- Explore the history of forestry through the lens of indigenous practices or the effects of treaties. How have these relationships impacted people and landscapes?

Requirement:

- Please follow local or state policies for collecting, removing and/or transporting plants and other organisms
- Specimens should be mounted on cardboard or other sturdy material.

GEOLOGY

Exhibit Suggestions:

- Display of rocks, minerals, gemstones, a rock plate; can be displayed in an egg carton for younger youth, or in a display case as youth progresses in the project; include in the display, labels of specimen name and location collected.
- Rocks, minerals, or fossils from within Minnesota or on a definite theme such as metamorphism, weathering, quartz minerals, ores, or a theme of your own choosing.
- Polished rock specimen; include an unpolished specimen of each rock type for comparison.
- Educational exhibit showing the "science how's and why's" dealing with the principles of geology and natural earth sciences.
- Exhibit explaining the three main rock types (Igneous, Metamorphic, Sedimentary) include examples of each.
- Model of a geologic earth structure or feature such as volcano, mountain range, plate tectonics, earthquake, cave, glacier.
- Timeline of geological time scale.

Requirement:

- Attach specimens securely to a backboard and display in a glass-topped case of the same model as used by the entomologists (approximately 19" x 16.5" x 3"). Specimens should be approximately 2" x 2". Label each specimen using the label described on page seven of the Geology Manual. Size of label may be reduced to fit display case, if needed. Attach specimens so they will not fall if case is set on its edge. Member must have knowledge of how specimens are identified as to rock or fossil type.

WATER RESOURCES

Exhibit Suggestions:

- Demonstrate water's unique chemical/physical properties, such as how heat and salt affect water density or how a wetland ecosystem changes throughout the seasons
- Project showing how water is necessary for life, such as a display on water/wetland ecosystem services like filtration or nutrient cycles from plants
- Share how water connects earth systems like a poster displaying your local water cycle or watershed
- Research your local water body's thermoclines or nutrient cycles
- Display on how water is used by people, such as:

- A record tracking your family's water footprint at home, or
- A model showing stormwater runoff, or
- A map showcasing water accessibility or insecurity in a specific region of the world
- Exhibit detailing water/wetland resource management measures like erosion control practices, and terraces, or a map of local, regional, state, or global water bodies and water quality.

Requirement:

- Follow local or state policies for collecting, removing and/or transporting plants and other organisms

NEEDLE ARTS

Exhibit suggestions:

- Any item made by the member using the techniques of knitting, crocheting, embroidery and crewel, counted cross stitch, needlepoint, hardanger, hand quilting, weaving, appliqué, latch hook, tatting, hand embellishments, felting, hand embroidery.
- Consumer Product Analysis: Comparison and evaluation of materials, supplies, or accessories used for a needle arts technique.
- Poster or display showing how needlework product is or could be priced, advertised and marketed.
- Poster or display comparing different techniques of a particular needle art (ex. different felting techniques, different stitches).
- Poster or display showing how to care for your project supplies (ex. storing, organizing, cleaning).
- Historical/Cultural Study: Story, poster, or display about a needle arts heirloom from your family or local history museum. Exhibits must include information about how item should be preserved.

Requirements:

- This project area is for projects created using a hand needle, hook, shuttle or loom.
- Each exhibit must include a consumer information tag, if appropriate, with the following information: pattern name and source, fiber content, and care instructions.
- Exhibitor should be prepared to discuss techniques, fiber content, care instructions, and cost. Exhibitor is encouraged to bring instructions, pattern, or other educational sources used.
- Projects must be finished and ready to display. If an item is framed, a wall hanging, or to be displayed on a wall, it should be finished and ready to hang.
- Project kits are acceptable in this project area. The project must meet all other requirements.

PERFORMING ARTS

Requirements:

- Exhibit can be either a performance or an exhibit that shows a member's involvement or interest in the performing arts.
- Entries in Performing Arts are distinct from Share-the-Fun in the intention behind the entry. Performing Arts entries will be judged based on the criteria identified below and on an individual basis, even in group performances.
- An exhibitor may submit entries in both performance and non-performance based classes (e.g. a member may perform a puppet show that they wrote as a performance based exhibit and submit the script as a non-performance based exhibit)

PERFORMANCE BASED

Exhibit Suggestions:

- Perform a short story, show scene, music selection, dance, monologue, poetry, etc.

Requirements:

- A performance in music, dance, drama, etc.
- A performance cannot last longer than 5 minutes.
- Performances may be given as a solo, duet, or a small group.
- To be eligible for State Fair, the member must be able to discuss the process of selecting, planning, performing and reflecting on their project work.
- The technique and artistry of the performance will be considered.

NON-PERFORMANCE BASED

Exhibit Suggestions:

- An educational display on some aspect of music, drama, dance, or performing.
- A journal or scrapbook (with written statements) of current performing arts experiences.
- A written piece such as poetry, sheet music, or other physical artifact intended for performance created by member.

Requirements:

- An exhibit such as a poster or display that shows a member's involvement or interest in the performing arts.
- To be eligible for State Fair, the member must be able to discuss the process of selecting, planning, creating and reflecting on their project work.
- The workmanship, general appearance and technique used to develop the exhibit will be considered.

PETS (includes Pet Show)

Note: To include Dog, Cats & Pets projects

CATS

Exhibit Suggestions:

- Educational display explaining cat care, health, nutritional needs, etc.

DOGS

Exhibit Suggestions:

- Educational display explaining dog diseases, breeding, training, caring for dogs at humane society, information about therapy dogs, etc.

PETS

Exhibit Suggestions:

- Educational display explaining pet care, health, nutritional needs, etc.

PHOTOGRAPHY

PHOTOGRAPHY-Digital/Film

Requirements for BOTH Elements of Photography and Photo Manipulation:

- All photos exhibited must have been taken/produced/enhanced by the exhibitor during the current year
- The exhibitor's name, club, county and exhibit class should be clearly printed on the back of the exhibit.
- Unaltered 4"x6" photos must be attached to the back of any exhibit in the "Photo Manipulation" category.
- For safety, picture frames or glass are not allowed
- Exhibits with multiple photos should use 4"x6" prints
- Enlarged photos should be 5"x7" or 8"x10"
- Photos should be mounted on mat board or poster board using neutral colors (white, tan, gray or black). Do not use construction paper or colored paper.
- Use a 14" x 22" board for 5 or more photos in an exhibit. Cut smaller boards for enlargements
- Exhibits should reflect the appropriate size for the item designed, e.g. the photos used for an ornament, a calendar, a poster, or brochure would require different sized photographs.
- See the video ([How To Prepare Your 4-H Photos For The Fair](#)) for more advice and examples.

Equipment:

Use any device capable of capturing a photographic image to be printed: digital or film camera, cell phone, tablet or drone may be used. A computer, phone or tablet is required for photo manipulation.

Please note: Supervision of the drone operator is important until they understand not only how to use a drone but also understand the etiquette and rules for using the drone. For information see: <https://www.faa.gov/uas> (unmanned aircraft systems)

Photo/Video Release Form - It is important to learn how to use this form when including any person in your

photograph or in your video that is NOT in 4-H. This verifies that the subject has agreed to have their photograph taken or be in your video. Keep this signed form in a file. Here is a link to the Talent release form in [English](#) and [Spanish](#)

This [presentation](#) explains what the difference is between elements and manipulation, software options and information on how to talk to a judge.

This [presentation](#) explains “How to Prepare Your 4-H Photos for the Fair” or there is a [video](#) for more advice and examples.

Elements of Photography

This exhibit will focus on what makes a good photograph (composition, light, shutter speed, color, depth of field, leading lines, etc). Only select whole image edits or modifications are allowed in post-production. Post-production is any adjustment made after the photo is taken using editing software. Allowed whole image edits must be applied to the entire image and not specific areas of the photo. Allowed whole image edits include:

- cropping
- exposure correction
- color saturation
- contrast
- sharpening
- conversion to black & white

On-camera filters: a physical filter that attaches to the camera lens (neutral density, polarizer, various colors, etc) are allowed.

Exhibit Ideas:

- Photo Story:
- Show a town’s history or a family history. This could include photos of historic buildings, old photos copied from the historical society or library, family or individual portraits, etc.
- Develop a documentary of another of yours or a friend’s 4-H project or of your 4-H club’s community service project
- Document environmental issues such as the plight of pollinators, pollution, soil erosion, or the steps taken to improve the environment
- Present a day in the life of – farm or city youth, a local professional person such as a school nurse or a firefighter, law enforcement officer, or other interesting personality
- Exhibit a series of photos on how to make or do something
- Common theme or subject:
- Display a series of 3 to 7 photos of a common subject such as people, buildings, landscapes, animals, seasons, action, nature, weather, close-ups, etc.
- **Showcase a** Photographic Elements:
- Display a series of 5 to 7 photos that illustrate some photographic element such as composition, lighting,

shutter speeds, depth of field, color, contrast, cropping, etc.

- Panorama:
 - Show a single image created in camera or a triptych (set of 3 photos intended to be used together) of several images created by moving the camera. A triptych may consist of separate images that are variants on a theme, or may be one larger image split into three.

PHOTO MANIPULATION

This exhibit will focus on using photography to show creatively edited photos and how photography is used in everyday life. Software editing is required for this category and may include:

- layering, all digital filters (except black and white,) creative coloring removing or adding objects, text additions, etc.

Entries in this category must involve editing with computer software such as Photoshop, Lightroom, IPhoto, Picasa, Gimp, Picmonkey, Pixi, Microsoft Publisher, etc. Please view the [“Introduction to Photo Manipulation”](#) slideshow for specific examples and explanations: (z.umn.edu/intro-to-photo-manipulation) for specific examples and explanations

Equipment:

- Use any device capable of capturing a photographic image to be printed: digital or film camera, cell phone, tablet or drone.
- A computer or tablet is required for photo manipulation.
- **Please note: Supervision of the drone operator is important until they understand not only how to use a drone but also understand the etiquette and rules for using the drone.**

Exhibit Ideas:

1. Composite Photo: Multiple images combined into one image
 1. Panoramas (overlapping areas of several photos and stitching them together in post-production)
 2. the same person in multiple places within the photo
 3. replacing the sky
 4. combining several images of a person in subsequent stages of a cartwheel
2. Single Source Image Manipulation
 - acne removal, eye enhancement, teeth whitening, etc.
 - eye enhancement
 - selective color manipulations (i.e. converting everything to black and white except items that are the same color red)

- apply digital filters (other than black and white)
 - removing distractions in the background, etc.
3. Photo Series:
 - Make a series of 5 to 7 digitally edited photos that illustrate a common theme such as environmental issues, plight of pollinators, how to do something, etc.
 4. Enlarged Photo:
 - Show a 5"x7" or 8"x10" print that has been digitally enhanced and illustrates software skills. An unaltered 4 x6" print must be attached to the back of the exhibit.
 5. Publications:
 - Show calendars, brochures, posters that are created using computer software
 6. Photo Novelties:
 - Display mugs, puzzles, blankets, or other media on which photos have been printed
 7. Slide Show:
 - Make a compilation of photos with titles, voice-over or background music. For judging, exhibitors can show their exhibit on a 14" x 22" poster board, computer or tablet.

PLANT AND SOIL SCIENCE

See "Agronomy" section

POTATOES

See "Vegetable, Fruit and Herb Gardening" section

QUILTING

Project Description:

Quilting is the term given to the process of joining a minimum of three layers of fabric together either through stitching manually by hand using a needle and thread, or mechanically with a sewing machine or specialized longarm quilting system. (Wikipedia)

Exhibit Suggestions:

- A quilted item, any finishing technique acceptable. Examples: potholder, table runner, doll quilt, bed-sized quilt
- Repair, repurposing, or re-design of a previously finished quilt. Example: an heirloom quilt with significant repairs or turned into another quilted item.
- A display on a quilting topic of your choice. Examples: the history of quilting/quilting patterns, a comparison of different fabrics or threads, different types of quilting notions and tools, piecing techniques.

Requirement:

- Attach an index card which includes: pattern name and source, fiber content of fabric & batting, and care instructions.
- Finishing techniques may be machine quilted, hand quilted or hand tied. If not quilted or tied by the 4-Her, exhibitor must state who tied or hand/machine quilted the final project.
- Techniques used, size, and difficulty of the project should be based on the exhibitor's sewing/quilting experience level.

SAFETY

Exhibit Suggestions (Exhibit may be display, binder, poster, etc)

- A First Aid or Childcare Kit with explanations for the items you included.
- A Public Service Announcement and/or social media toolkit to promote a safety topic of your choice.
- List tips for being safe when home alone, such as emergency numbers to call, safety while preparing snacks, keeping doors locked, etc.
- Attend and report on a safety program such as farm/livestock/animal, fire, food, firearms, ATV, watercraft, wilderness/outdoor, traffic, bike, personal, online, sun/skincare or others.
- Interview a safety professional and showcase their advice.

Requirement:

- Abide by local, state and federal laws regarding your safety topic
- Please contact 4-H staff if your project is an oversized exhibit

SCIENCE INQUIRY

Project Description:

In this project area, 4-H youth explore and become confident in the process of doing science through science inquiry. Science inquiry is a systematic process where a curiosity or question is explored, leading to new knowledge or understanding about a phenomenon (an observable fact or event).

Exhibit Suggestions:

- Video of you exploring the physical properties of slime using different materials/recipes to make slime
- Display different types of birds feeders you used to determine if there is a preferred bird feeder type in your backyard
- Powerpoint showing the different types of frogs you found in a pond as you investigated the difference in the frog species in the spring and the frog species in the summer
- Display showing the different types of treats and the data you collected as you explored how your dog responds to different treats during training
- Tri Fold display board showing the results of your investigation of different types of sunscreen to see their effects on UV beads

- Slide show illustrating different water filtration systems you tested and the results you analyzed to identify which one resulted in the cleanest water
- Display the rock candy created as a result of investigating how the concentration of sugar affects crystal growth

Requirement:

- Include the question, issue, or phenomena being investigated
- Include description of how a science inquiry process was used to help understand the phenomenon being investigated or studied
- Explain each step followed during the science inquiry process.

SCIENCE OF ANIMALS

Intended as a project area for youth who have more advanced animal/livestock experience.

Exhibit Suggestions:

- Items constructed (such as feeding systems or show equipment) or science exhibits focusing on one of the four divisions listed above.
- These projects may be enhanced with 3-dimensional displays, posters or notebooks

HEALTH/BREEDING/PRODUCTION EXHIBIT

Beef
Dairy
Goat-Dairy
Goat-Meat
Poultry
Rabbits
Sheep
Swine

ZOONOTICS EXHIBIT

Beef
Dairy
Goat-Dairy
Goat-Meat
Poultry
Rabbits
Sheep
Swine

OTHER

Beef
Dairy
Goat-Dairy
Goat-Meat
Poultry
Rabbits
Sheep
Swine

State Fair trips will be available. Exhibits will be judged during Livestock Weekend and 4-Hers may exhibit both an animal (if awarded a trip from the county show) and a Science of Animal Educational Exhibit. NOTE: Llama-Alpaca, Poultry and Rabbit promotional and educational posters are an exhibit item at the state level and may be entered as a poster in each respective area.

Note: Youth with limited experience with livestock/animal science should enter their exhibits in the Exploring Animals category.

SELF-DETERMINED

Project Description:

The Self-Determined project area is intended for those projects that might not fit within other categories and for those learning experiences that members select, plan, and manage on their own. It is distinct from learning experiences determined or guided by others (e.g. school work, club-determined projects). This is not a “catch-all” category but rather is focused on intentional self-directed learning. Members should be able to describe what they did, how they reflected on it, and how they applied what they learned.

Exhibit Suggestions:

- A portfolio describing the selection, planning, and management of a service learning project and what the member learned during the experience.
- A trifold display made as part of a school assignment with the addition of an accompanying journal describing the process of developing the display and capturing reflection on learning during completion of the assignment
- A photo collage capturing the experiences and stages of development of an event planned and facilitated by the member either individually or as part of a team
- A video or digital blog capturing the “behind the scenes” work, reflection, and application of concepts done by an individual member while working as part of a team on a project or assignment A lego creation (not a kit) intended to include some deeper thinking and learning that is not encapsulated in any other project, requiring the exhibitor to create their own learning path.

Requirement:

- A self-determined project will be judged primarily on the self-guided learning experience. While the artistry and craftsmanship of the exhibit itself will be considered, emphasis will be placed on the selection and identification of the self-guided learning experience and the ability of the member to convey the experience and what was learned from it. If the member wishes to be judged on the exhibit’s craftsmanship or artistry, the exhibit should be entered within the appropriate project area (e.g. a

project in seed art should be submitted within Crafts and Fine Arts project area if looking to be judged on the quality of the final product and the process and learning associated with its assembly).

- Exhibits consisting of projects or assignments done for school or other organized learning environments must indicate how the member went above and beyond the requirements of the assignment/project and individualized the learning to meet their own goals and desired outcomes.
- Exhibits may be submitted by individuals or teams. A team may consist of not more than three (3) individuals. Team members will be judged collectively.
- To be eligible for the State Fair, the member(s) must be able to discuss the process of selection, planning and management of a self-determined learning experience.

SHOOTING SPORTS

Exhibit Suggestions:

- Safety techniques applied to shooting activities (e.g., range commands and range safety, eye and ear protection, cleaning a firearm, dressing for safety-first aid, survival skills, etc.).
- Shooting Skills (e.g., basic safety rules, basic parts and functions of each piece of equipment, care and maintenance, accessories, position, etc.).
- Leadership skills learned in your shooting sports club.
- Design and create shooting sports equipment (e.g., pellet stand, kneeling role, target stand, quiver, etc.).
- History and nomenclature of firearms.
- Sportsmanship: Ethical behavior and responsibility

Requirements:

- No explosive materials are allowed. Arrow tips or broadheads should be removed for display but may be included as part of the judging experience if secured for safety.
- Exhibits including firearms & bows must be sporting varieties only. Exhibitors must include a color photo of the item to be left on display - bows and firearms will not be left on display. The photograph should be taken prior to the county fair and attached to the display.
- MN and 4-H regulations for handling and storing firearms must be followed.

SHOP

See "Industrial Technology" section

TECHNOLOGY

Note: To include Aquatic Robotics, Computer & Robotics projects.

Project Description:

Youth will become familiar with computers, technology and/or robotics. Youth can apply knowledge gained and share what they have learned.

Exhibit Suggestions:

- Robot, Edison robots, EV3, WeDo, Osmos, VEX; Have a photo of robot if you do not intend to leave robot on display
- Display the robot using diagrams of programming, photos, booklets, etc
- Video of robot in action
- Exhibit a ROV and operation; show the use in Aquatic Invasive Species (AIS) education
- Explain the foundations of computers and explore how computers work for various projects.
- Learn about cyber bullying and prevention
- Create an educational app
- Explore computer based careers
- Design computer hardware/software

Requirements:

- Include description, images/photos needed to assist with verbal or written description
- Description(s) can be verbal or written
- Computers, smart phones, etc. can be used during the judging process

SMALL ENGINES

Exhibit Suggestions:

- Small engine that has been reconditioned or repaired.
- A device constructed by a member utilizing a small engine.
- Display on the parts of an engine, etc.
- An educational display of some aspects of small engine use, care, reconditioning, etc.

TRACTOR

Exhibit suggestions:

- A poster, video, display, notebook, representing your project learning.
- Restored, reconditioned, rebuilt tractor.
- Exhibits may represent learning about tractor safety, history, use, purchasing decisions, establishing a custom business with your field or lawn tractor, or material prepared to train others.

Requirements:

- Check space requirements for large exhibits with staff. Large exhibits may be displayed outdoors
- Fuel must be removed from exhibits for display.

VEGETABLE, FRUIT AND HERB GARDENING

FRUIT

Exhibit Suggestions:

- Fruit should be brought in an appropriate size clear container for displaying fruit.
- Display showing a comparison of several varieties of the same fruit (labeled); display using a branch to illustrate proper pruning of fruit trees and explaining the process; illustrate the many uses of fruits (fresh, jams, juices, cooking, baking, salads and recipes); illustrate the use of fruits as natural dyes.
- Educational display illustrating diseases (actual specimens) or insects (actual specimens) and methods of control.

Requirements:

- If displaying a fruit sample, exhibitor should bring 4-6 items of one variety of fruit and include an information card listing the varieties of fruit.

HERB GARDENING

Exhibit Suggestions:

- Educational display showing some aspect of raising or using herbs.
- An herb container garden planted in a tub, pot, or planter.
- A dried sample of herbs you have raised, harvested, and dried (in an airtight container)

POTATOES

Exhibit Suggestions:

- Display a box (fruit crate size) or clear rubbermaid container of potatoes that contains all the potatoes in that hill (all the potatoes one plant produced)
- Display a box (fruit crate size) or clear rubbermaid container of 6-10 potatoes
- Educational display illustrating diseases and control, methods of mulching and reasons, causes and effects of sun scald.

Requirements:

- If displaying a potato box (fruit crate size) or clear rubbermaid container, you need 6-10 potatoes of the same variety or 2-3 varieties (this year's crop) similar in size with variety identified on an information card.
- Be familiar with crop input costs and the growing process.

VEGETABLE GARDENING BOX

Clarification - Vegetable Variety is either Large, Medium or Small

Exhibit Suggestions:

- A box (fruit crate size) or clear rubbermaid container used to display vegetables.

Requirements:

- Label vegetables with proper variety names on an information card.
- When exhibiting a collection of vegetables, the collection should include six different kinds of vegetables (For example: 1 large variety + 3 medium varieties + 2 small varieties)
- 6 different vegetable specimens for this exhibit choosing any combination of the following:
 - One large vegetable specimen (cabbage, squash, melon, pumpkin, cauliflower, etc.)
 - Three different medium sized vegetable specimens and 3 of each specimen (tomatoes, onions, peppers, cucumbers, kohlrabi, carrots, beets, turnips, etc.)
 - Two small vegetable specimens and 6-12 of each specimen (green beans, peas, lima beans, etc.)
- Potatoes may not be included (enter under the Potato project).

VEGETABLE PLATE

Clarification - Vegetable Variety is either Large, Medium or Small

Exhibit Suggestions:

- On a disposable plate, display an example of ONE vegetable variety.
- Examples of individual variety on a plate include:
 - Large sized vegetable specimen: 1 sample (cabbage, squash, melon, pumpkin, cauliflower, etc.)
 - Medium sized vegetable specimen: 3 of each specimen (tomatoes, potatoes, onions, peppers, cucumbers, kohlrabi, carrots, beets, turnips, asparagus, etc.)
 - Small sized vegetable specimen: 6-12 of each specimen (green beans, peas, cherry tomatoes, jalapenos, lima beans, etc.)

Requirements:

- Label vegetables with proper variety names on an information card.
- Only have one vegetable variety (Large, Medium or Small) on the plate. (For example: Variety is Medium sized - three onions).

LARGEST VEGETABLE

Exhibit Options:

- Squash
- Cabbage
- Pumpkin
- Melons
- Tallest Stalk of Field Corn

Requirements:

- Include an information card with name, plant variety and date planted.

- Stalks of Field Corn should have roots on the stalk.

VEGETABLE GARDENING

See “*Fruit, Vegetable and Herb Gardening*” section

VETERINARY SCIENCE

Project Description:

Veterinary Science is a more in depth project exploration around veterinary science topics. Be prepared to discuss research techniques and source information as part of the project judging.

Exhibit Suggestions:

- An exhibit focused on technology or industry advancements in veterinary science
- An exhibit on diseases of animals focusing on the history, management, prevention, etc.
- An exhibit on use of different medications in veterinary science focusing on dosage, records, implications of use, impact on the industry
- An exhibit focused on surgical and nonsurgical procedures used in veterinary medicine (spaying/neutering pets, embryo transfer, wellness visit, etc.).
- An exhibit focused on careers in veterinary science exploration (such as job shadowing, interviews and opportunities)
- Create a 3-D model of the skeletal system of the animal of your choice

VIDEO / FILMMAKING

Video/Filmmaking

Video/Filmmaking – Production Team (2-3 members per team, can come from different schools and/or grades

Requirements:

- It is encouraged that when developing a 4-H video/filmmaking exhibit, members will develop skills beyond the classroom
- It is recommended that the video/filmmaking exhibit be 3-5 minutes and no longer than 10 minutes.
- All video/filmmaking exhibits must be made by the exhibitor OR By a production team of which the exhibitor must be a member
- The exhibitor’s name, grade, and club must be clearly printed on all exhibit pieces. It is recommended that the video/filmmaking exhibit be 3-5 minutes and no longer than 10 minutes.
- All video/film footage exhibited must have been made/created DURING THE CURRENT 4-H YEAR. When appropriate, (i.e. historical sequences) older video clips can be used, otherwise video content must have been taken in the current 4-H year
- The member should provide the video file even if sending it electronically.
- Video/film must be presented on DVD, USB, flash drive or data CD.

- Videos can also be delivered via Youtube, Vimeo, Frame.io or similar online based presentation sites
- Video/film needs to be in presentation form, including a title and credits
- The video/film must be original material, portions from other sources must be documented and have a copyright release, including music. Any video/film exhibit, which appears to contain copyrighted material, including music, will not be publicly displayed unless the exhibitor has written permission from the producer to use the material in the video/film. Portions and music from other sources must be documented and have a copyright release.
- A computer must be brought for viewing the video/film during the conference judging, otherwise other arrangements need to be made in advance with the 4-H staff
- Video/film must be playable on Windows, use file format including .WMV, .FLV and .MPEG, .AVI, .MOV, .AVCHD, .MPEG-1, .MEG-4, as well as a playable DVD.
- Videos can also be delivered via Youtube, Vimeo, Frame.io or similar online based presentation sites.

Note: This is not a slideshow (see Manipulated Photography for slideshow)

Photo/Video Release form-it is important to learn how to use this form when including any person in your photograph or in your video that is NOT in 4-H. This verifies that the subject has agreed to have their photograph taken or be in your video. Keep this signed form in a file. Here is a link to the Talent release form in [English](#) and [Spanish](#)

Equipment: Any electronic device capable of capturing a video image video camera, digital camera, DSLR, time lapse camera or trail camera, cellphone, tablet, GoPro or drone with attached camera (operator must meet age requirements to use a drone).

Note: Supervision of the drone operator is important until they understand not only how to use a drone but also understand the etiquette and rules for using the drone. For information see: <https://www.faa.gov/uas> (unmanned aircraft systems)

Exhibit Ideas:

- Showcase various video/film techniques
- A selected subject. Include a short storyboard or outline
- A poster that illustrates how a video/film camera works, or how to care for video/film equipment, illustration of computer video/film creation, etc.
- A video/film made by blending computer technology and traditional camera created video/film.

- A video/film using data from trail camera or time lapse camera (stop action video) or drone with attached camera (**see note related to drone use**).
- A video/film using Claymation or stop action
- Document environmental issues such as the plight of pollinators, pollution, soil erosion, or the steps taken to improve the environment

WATER / WETLANDS

See “**Natural Resources**” section.

WILDLIFE BIOLOGY & MANAGEMENT

Project Description:

Discover Minnesota's diverse wildlife habitat in prairies, forests, wetlands or your own backyard. Learn about wildlife populations, diversity, what impacts their habitats, and how to become a steward of the land. Activities may include tracking wildlife, building nesting boxes and exploring careers such as wildlife biologist or naturalist.

Exhibit Suggestions:

- Create a guide of wild animals of Minnesota--describe habitat, diet, and shelter needs.
- A wildlife management plan--show practices related to land use and forest management for wildlife such as controlled burns, logging, planting, etc.
- Explore basic concepts of Wildlife Management (waterfowl wingboards, birdhouse trails, carrying capacity, game animal habitat requirements, history of game management, etc).
- Explain some factors that threaten or endanger animal species such as urbanization, climate change, or habitat loss. Or explore a species that went extinct and why it happened.
- Build a bird or bat house, nesting structure, hibernaculum, animal shelter or feeder and explain the history of artificial shelter structures how it can benefit a species.
- Show a photo you took, a sketch you drew or a poem or story you wrote about your favorite wildlife encounter
- Display a collection of identified wildlife scat (droppings), skulls or skins. How do they differ? Why?
- Show how wildlife can be classified into herbivores, carnivores or omnivores using skull diagrams
- Write a wildlife landscape habitat plan
- Report on animal adaptations, such as animal camouflage. How do adaptations of plants and animals match the environment they live in?
- Make a display that details a food chain/web of a particular habitat.
- Explain the life cycle of your favorite wild animal in a video, poster or display.
- Shadow or volunteer at a nature center or park and share your experience using a journal, video, or

display. Learn about rules and policies in place to protect or manage certain species of wildlife.

Requirements:

- All wild game used in exhibits must be tagged appropriately according to state laws.

YOUTH LEADERSHIP

Project Description:

Youth Leadership is a project area that requires the member to discover their skills and then develop those skills and share them with others. This might happen individually or with a group.

Members exhibiting in this project should be prepared to discuss and/or have written information about what they learned about their ability to lead a project. Members should share how they've built an understanding of self, developed skills, learned how to work with others, overcome obstacles or adjusted goals, developed understanding of making decisions, and/or managed and or worked in groups.

Exhibit Suggestions:

- Share your youth leadership experience. This could include your 4-H youth leadership journey, or your leadership in an organization within your school or community.
- Share what you gained and shared from a conference or retreat you attended.
- Share a personal development plan you have implemented
- Develop a (career and/or college prep) portfolio
- Develop a presentation that illustrates how you've built understanding of self, developed communication skills, learned how to work with others, developed understanding of making decisions, and/or managing and/or working in groups.
- Lesson plan you've developed
- Meeting outline or agenda developed by youth
- Scrapbook outlining participation in leadership programs. Includes personal reflection on leadership growth and development.
- Share how you have taken the lead on a service project, and what leadership skills you gained through the project.
- Share how you have served as a mentor and/or teacher to younger youth (could be with a project area, a club activity or officer role, etc)

CLUB ACTIVITIES

CLUB BANNER

Project Description:

The club promotional banner serves as a tool to promote the local 4-H club and the county 4-H program and give 4-Hers an opportunity for artistic expression through advertisement.

Two banners will be selected for the State Fair.

Exhibit Suggestions:

- Banners should have a theme and reflect/represent opportunities in the 4-H program. It should carry the message quickly and simply to the viewer.
- Banners can be 2-D or 3-D

Requirement:

1. Banner must be 3' x 5' and designed to hang vertically.
2. It must be completed and equipped with a dowel (minimum size 3' 8") and ready to hang.
3. Banner must be of fabric (no paper) and can be one or two-sided.
4. Club name on 3 x 5 card pinned to back. (Any assembly technique can be used.)

COMMUNITY PRIDE - Club

Project Description:

This is a project where a club displays ways in which they make their community better by being active citizens and act on the things they believe in.

Two exhibits will be selected for the State Fair.

Exhibit Suggestions:

- Organize an environmental cleanup
- Make or collect and distribute items where needed
- Read to younger kids at the library or school
- Service to nursing home or homeless populations
- Deliver safety education programs such as a bike rodeo or fire safety training

Requirements:

1. The exhibit may include a three-sided display, video, or other visual method which visually highlights the entire project or certain parts in a manner which tells the public what positive effects the project had on the community.
2. Two club youth who participated in the project may represent the club in conference judging. Youth will explain the purpose of the project, steps in the planning, how the project meets the community needs and the impact it has.

CLUB SCRAPBOOK

Club Scrapbook

Requirement:

- Show and explain your club activities and participation in community and county events.

PUBLIC PRESENTATIONS

DEMONSTRATIONS

Demonstration - Individual

Demonstration - Team

Demonstration - Cloverbud Individual

Demonstration - Cloverbud Team

LIVESTOCK DEMONSTRATIONS

Livestock Demonstration - Individual

Livestock Demonstration - Team

PRESENTATIONS & SPEECHES

Presentations & Speeches - Individual

Presentations & Speeches - Team

INTERACTIVE DEMONSTRATIONS

Interactive Demonstration - Individual

Interactive Demonstration - Team

Requirements:

- Public Presentations may be related to any project that the member is enrolled in or to any area of interest or expertise the 4-H'er has. Presentations may be an individual or a two-person team.
- Demonstrations may be related to any project that the member is enrolled in or to any area of interest or expertise the 4-H'er has. Presentations may be an individual or a two-person team. Individual presentations shall not exceed 15 minutes in length and team presentations should not exceed 25 minutes in length.
- Demonstrations are an oral presentation that includes actually demonstrating the hands-on steps required to accomplish a task or process. This most often includes the use of physical objects and actual doing or showing. At the end of the Demonstration there should be something of a "finished product". Demonstrations may also include the use of supporting visuals like posters, charts or technology-based options like presentation software (i.e. MS PowerPoint, KeyNote, Google Slides.) However, the focus of the Demonstration should be on the "doing", not the supporting visuals. Presentations may be an individual or team. Individual presentations shall not exceed 15 minutes in length and team presentations should not exceed 25 minutes in length.
- Livestock Demonstrations include: Beef, Dairy, Dairy Goat, Llama - Alpaca, Meat Goat, Poultry, Rabbit, Sheep and Swine and must include a live animal in the demonstration. Other demonstrations involving animals can be entered under the demonstration category.
- Presentations & Speeches are oral presentations that present an idea, concept, viewpoint or experience in an educational or informative format (not for entertainment or performative purposes.) Presentations & Speeches often consist of interaction with supporting visual aids like posters, charts or technology-based options like presentation software (i.e. MS PowerPoint, KeyNote, Google Slides). Supporting visuals may include tangible items, but generally little or no activity takes place with the item. Presentations & Speeches may be an

individual or team. Individual presentations shall not exceed 15 minutes in length and team presentations should not exceed 25 minutes in length.

- Interactive Demonstrations are oral presentations that are continuous and include hands-on audience interaction/participation. Adequate supplies should be provided by the presenters so that all present can participate in the activity. Interactive Demonstrations may be an individual or team. Interactive Demonstrations are approximately 25-30 minutes in length but for both individual or team. Involving the audience in the process is the primary focus of Interactive Demonstrations and constitutes a major portion of the evaluation results.
- NOTE: 4-Hers who complete a Public Presentation at the State Fair will receive a \$30 cash award. These payments are made in October. 4-Hers must be grade eligible to participate at the State Fair.

Exhibit Suggestions:

- Demonstrations:
 - Teaching others a project or activity such as taekwondo, making lemonade, slime, macrame, etc.
- Livestock Demonstrations:
 - Demonstrate how to care for an animal or prepare it for showing at the fair.
 - Teaching others how to tie a halter.
 - A talk on preventative or veterinary care for a species.
 - Demonstrate how to tattoo an animal.
- Presentations & Speeches:
 - A report on leadership lessons learned through a trip to Washington DC
 - An educational presentation that explores sustainable energy options
 - A persuasive speech exploring Social Media effects on youth mental health.
- Interactive Demonstrations:
 - An interactive presentation that teaches the public how to do something. For example, teaching the audience an origami project where they follow along with your demonstration step-by-step and create the project with you.
 - An interactive yoga demonstration where you teach the audience various poses.

PLASTIC SCULPTURE CHALLENGE

Project Description:

This project was created to build awareness and knowledge of both the positive and negative impacts of single use plastics and ways how to recycle or repurpose plastic. It is also meant to empower 4-H youth to be actively involved as change agents in reducing use of single-use plastics and increasing recycling/repurposing, for their family, their club, their community, their country and their world.

Two exhibits will be selected for the State Fair. Note: State Fair Plastic Sculptures will be on display only. No judging will occur at the State Fair.

Requirements:

- Exhibits can be created by individuals or teams.
- 4-H'ers of all ages are invited to explore the plastics issue and create an art sculpture with found plastics.
- If a base is needed, it should be made out of thin wood, plywood, fiberboard, or similar material.
- Sculptures can be any size with a maximum size of: 3 ft. wide x 3 ft. long x 6 ft. tall.
- Must be made of clean (washed) plastics
- Must be multidimensional. Sculptures can be free-standing or displayed as needed.
- Suggested materials to attach items together: zip ties, string, rubber bands, art materials, colorful duct tape, or electrical tape. Strong adhesives (such as E6000 and Gorilla Glue) need to be used in a well-ventilated area with adult supervision. For safety, DO NOT use a hot glue gun as melting plastic gives off toxic fumes!
- Depending on the size and weight of your sculpture, you might consider adding wheels that lock in place or handles to your sculpture so it is easy to move.
- If you are unsure about any of these Guidelines, please consult your 4-H Extension Educator.
- Sculptures should include an Artist Statement (50 words or less) with:
 - Name(s) of Artists
 - Title of your sculpture
 - A statement about what you created and why
 - What materials you used.
 - What you learned and how will it change your use of single-use plastics
 - How others can reduce their use of single-use plastics

FUN ACTIVITIES

FUN 4-H GARDEN EXHIBITS

Ribbon Only! Special Class for **all** 4-H youth to try for fun (don't have to be enrolled in horticulture projects). These are ribbon only, so no premiums paid and no State Fair trips granted. Use your imagination and be creative!

Criteria: Originality, best use of recycled material, best use of color, audience appeal.

1. Story: Write a story about 'My favorite flower, vegetable, or houseplant'
2. Planter: 'Most unusual outdoor planter'; any unusual planter, with plants planted and cared for by the exhibitor.
3. 'Wild Thing': A creation made of plant materials only (toothpicks count if needed)

4. 'Herbie': Creatively display your favorite herb
5. 'Arrangement': Be creative with flowers, fruits, vegetables, or a combination.
6. 'Garden Art': Artwork using garden materials (plants, pictures from seed catalogs, tools, seed packets, etc.)
7. 'Seed Picture' Art using seeds