

# General Non-Livestock Exhibit Rules

**INCLUDES: Animals, Agriculture & Natural Resources, Creative Arts, Family & Consumer Sciences, Personal Development, Science, Technology, & Engineering, Educational Presentations, Working Exhibits, Share The Fun, Extemporaneous Speaking, Fashion Revue, Clothing Selection, and \$15 Challenge.**

Judging will take place on **Tuesday, July 11, 2023 9:00 AM-2:00 PM** in the Activity Building.

The Activity Building will be closed Tuesday evening and open for visitors on Wednesday. Clubs will be assigned a time to arrive for judging based on entry numbers.

1. Entries can be any exhibit by an individual or group, who is in 4<sup>th</sup>-12<sup>th</sup> grades, which is an outgrowth of work done as a planned part of the 4-Hers participation in 4-H projects or programs during the current 4-H year. Clover Kids (K-3<sup>rd</sup> graders) may exhibit and share what they have learned with a Clover Kid judge. Participation ribbons will be given to Clover Kids.
  - 4-H members who have completed 5th grade through 12th grade (or that equivalent) in 2023 are eligible to exhibit at the Iowa State Fair. Exception: Group exhibits from an entire club may include 4th grade members
2. Eligible exhibits are an outgrowth of work done as a planned part of the 4-H member's participation in 4-H projects or programs during the current 4-H year. Exhibits can be done by an individual or group and may represent all or part of the learning in the project or program.
3. Exhibitors in 4-H classes are not eligible to exhibit in a similar department of the FFA division or vice versa.
4. Exhibits previously entered in an FFA Ag Science Fair or any other FFA event or competition may not be entered in any 4-H exhibit class.
5. Exhibits that do not comply with the class description, size guidelines, copyright restrictions, safety and approved methods will be disqualified and not put on public display.
6. If the exhibitor chooses a display to illustrate what was learned, the following size guidelines apply:
  - a. Posters may not exceed 24"x 36" in size. (See classes 10490 and 10530 for smaller requirements)
  - b. Chart or graph boards, model displays, project presentation boards, etc. are not to exceed 48"x 48" in size. Maximum size is determined by measuring the **flat** (un-folded) dimensions.
  - c. Display boxes are not to exceed 28" x 22" in height or width and 12" in depth.
7. Endangered and threatened plants and animals (includes insects), or songbird feathers and nests may **NOT** be used in any exhibit. Game animals legally taken are acceptable. Live specimens of noxious weeds or invasive species are NOT permitted in any exhibit. Dried specimens are acceptable to use in exhibits.
8. Copyrighted materials and designs may not be used in a 4-H exhibit that is presented as original work by the exhibitor. Exhibitors must include permission from the copyright holder/owner when using copyrighted materials. Exhibitors must give proper credit to the original source of all materials/designs used in exhibits.
9. The 4-H member's goal and applicable exhibit standards will form the basis of the evaluation process. Evaluation criteria will include demonstrated learning, workmanship and techniques, and general appearance and design. Refer to exhibit class evaluation rubrics for detailed evaluation criteria in each class. Rubrics are located at: [www.extension.iastate.edu/4h/exhibit-tip-sheets](http://www.extension.iastate.edu/4h/exhibit-tip-sheets).
10. The exhibitor should include information to answer the following questions:
  - a. What did you plan to learn or do? (What were your exhibit goal(s)?)
  - b. What steps did you take to learn or do this?
  - c. What were the most important things you learned?

Note: Check for additional requirements in exhibit classes for clothing and fashion, food and nutrition, home improvement, photography, visual art, and 4-H poster communication classes
11. Class numbers for exhibits that you wish to enter at the county fair must be on FairEntry.com by June 19, 2023.
12. Exhibits with a goal that better fits a different department/class will be moved to that department/class at the discretion of the judge or superintendent.
13. An exhibitor is limited to 4 (four) entries per class, unless otherwise stated. Exceptions are Horticulture Class 10203, where up to 10 items may be entered, and Communications Posters (Class 1829), where the limit is one poster per 4-H member.
14. The 4-Her's goal form and fair entry exhibit card **MUST** accompany each exhibit. **Indicate grade (just completed).**
15. Each exhibit will be evaluated during the conference judging session. Club leaders will be informed of club judging times.
16. County Rule: An exhibitor may be allowed to take more than one exhibit to the State Fair.
17. **If an exhibitor, livestock or non-livestock, removes his or her exhibits before release time or fails to clean stalls or pens, his or her entire premium money will be forfeited and the exhibitor will not be able to show in the following year's Central Iowa Fair. Special circumstances need to be presented to by the May 15th deadline to the Marshall County Extension Office and must be approved by the Marshall County Youth Development Committee and Species Superintendent. Other emergency situations will be dealt with on a case by case basis by the Marshall County Youth Development Committee and non-livestock Superintendent and the Marshall County Extension Office.**
18. Exhibits will be displayed by the club. Each club is responsible for decorating their booth and for arranging their members' exhibits in a manner that makes each exhibit and exhibitor's name easy to find. Club booths should be kept neat and pleasing to look at. Exhibitors will take their exhibit to their club booth after judging.
19. **Club Booth Judging:** Club booths will be judged this year by a judge. Fair visitors will be asked to vote for their favorite club booth. A judge will also be chosen to select the club booth that best exhibits the following:
  - a. Use of fair theme in decorating- "Let The Good Times Grow"
  - b. Neatness
  - c. Creativity
  - d. Use of space

**\*\*The winning club will receive a pizza party at one of their club meetings in the fall.**
20. To qualify for the Iowa State Fair:

The exhibitor must have participated in the project or program from which the exhibit is an outgrowth during the current 4-H year.

  1. The exhibit must be selected at a county event.
  2. The Goal Sheet must be completed and of high quality with exhibit
  3. Exhibitor must have completed 5th grade through 12th grade (or that equivalent)
21. **All Judges' decisions are final.**
22. Fair exhibits **MUST** remain in place at the fairgrounds until official release time of approximately 7:00 AM on Sunday, July 16. Please make arrangements for someone to pick up your exhibits from the Exhibit Building, if you are unable to pick them up yourself.
23. **Requirements for including Design Elements and Art Principles in 4-H Exhibits in the Visual Art, Clothing, Sewing, and Home Improvement Project Areas:**
  1. 4-Hers in 4-6<sup>th</sup> grades are responsible for explaining a minimum of one design element within their exhibit. Youth must explain how the specified element is used in the exhibit. Youth may include more than one.
  2. 4-Hers in 7-8<sup>th</sup> grades are responsible for explaining minimum of two design elements within their exhibit. Youth must explain how the specified elements are used in the exhibit.

3. 4-H'ers in 9-10<sup>th</sup> grades are responsible for explaining a minimum of one art principle and the element or elements used in the selected principle. Youth must explain how the specified element or elements are used to illustrate the selected principle.
4. 4-H'ers in 11-12<sup>th</sup> grades are responsible for explaining a minimum of two art principles and the elements used in the selected principles. Youth must explain how the elements are used to illustrate the selected principles

**STATE FAIR PICTURES WILL BE TAKEN ON SATURDAY AT 6PM**

**DESIGN ELEMENTS**

*See extension office for pamphlets and information for the Design Elements and Art Principles*

**LINE:** Lines can be horizontal, vertical, dotted, zig-zag, curved, straight, diagonal, bold or fine. Lines can show direction, lead the eye, outline an object, divide a space, or show action.

**SHAPE:** Circles, squares and triangles are words used to identify shapes. Shapes can also be irregular, free-form designs. Forms are three-dimensional, or can be seen from all sides.

**COLOR:** Color is described with the words hue, value, and intensity. Hue refers to the name of a color--red or blue, for example. Value tells the lightness or darkness of a hue. Intensity refers to the brightness or dullness of a hue.

**TEXTURE:** Texture is the surface equality of an item. How something feels when touched, or looks like it would feel when touched. Words that describe texture could include: rough, smooth, bumpy, cracked, soft, hard, slippery, or grainy.

**SPACE:** Space is defined as positive and negative. The positive space of a design is what you are first aware of; shapes that make up the design. Negative space is the background

**ART PRINCIPLES**

**RHYTHM:** Rhythm allows the eye to move from one part of a design to another part. Rhythm can be created by:

- Repeating a color, shape, texture, line, or space in an item.
- Varying the size of objects, shapes, or lines in sequence (small to large).
- Using a progression of colors from tints to shades (light blue to dark blue).
- Shifting from one hue to a neighboring hue (yellow to yellow-orange)

**PROPORTION:** Proportion refers to the relationship between one part of a design and another part or to the whole design. It is a comparison of sizes, shapes, and quantities.

**EMPHASIS:** Emphasis is an accent--a point of interest. Emphasis is the quality that draws your attention to a certain part of a design first.

**BALANCE:** Balance gives a feeling of stability. There are three types of balance. Symmetrical: Both sides are identical. Radial balance centers on a point, like a wagon wheel, a pizza, or a daisy. Asymmetrical: creates a feeling of equal weight and attention to each of two sides without using identical designs.

**UNITY:** Unity is a feeling that all the parts belong together. Unity occurs when color, texture, line, shape or form, and space have been combined for pleasing balance and good proportion, and the total design shows emphasis and rhythm.

**Iowa State University Extension and Outreach Justice Statement**

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For the full non-discrimination statement or accommodation inquiries, go to [www.extension.iastate.edu/diversity/ext](http://www.extension.iastate.edu/diversity/ext).

## Non-livestock Exhibits

### CLASS

- 101 Animals (Animal & Veterinary Science)
- 102 Ag & Natural Resources
- 103 Creative Arts
- 104 Family and Consumer Sciences
- 105 Personal Development
- 106 Science, Engineering and Technology
- 111 Educational Presentations
- 112 Working Exhibits
- 113 Share the Fun
- 114 Extemporaneous Speaking
- 121 Fashion Revue
- 122 Clothing Selection
- 123 \$15 Challenge

*\*All classes will follow the same rules as the 4-H divisions.*

**Clover Kids:** Clover Kids may participate in Fashion Revue, Clothing Selection, \$15 Challenge, Educational Presentations and Working Exhibits. They must indicate on [fairentry.com](http://fairentry.com) which class they want to enter. Clover Kids must turn in required forms at the time of judging.

### Division 101: Animals Exhibit Rules

**Exhibitors must comply with the General**

**10110 Animal Science-** An exhibit (other than the animal itself) that shows learning about a large or small animal including beef, dairy cattle, dairy goats, dogs, horse & pony, llamas, meat goats, pets, poultry, rabbits, sheep, swine, ect. Ownership of an animal is not required.

**10120 Veterinary Science-** An exhibit that shows learning about keeping animals healthy, animal diseases, animal/human health interaction, or other learning related to Veterinary Science.

## Division 102: Agriculture and Natural Resources Rules

Exhibitors must comply with the General Exhibit

**10210 Crop Production and Plant Science**- An exhibit that shows learning about growth, use, and value of field crops, plant growth, soils and soil fertility, or any other learning related to crop production and plant science.

**10220 Conservation, Environment, and Sustainability** - An exhibit that shows the connections between humans and their environment including energy, energy conservation, stewardship, conservation, creating habitat, etc.

**10222 Entomology** – Any exhibit (excluding live specimens) that shows learning or is an outgrowth of an entomology or bee project learning experience. Includes specimen collections and may include products (ex: honey) or equipment as part of the display.

**10224 Fish and Wildlife** – An exhibit that shows learning about a fish and/or wildlife project or program such as identification, habitats, harvest, taxidermy, etc. Any specimens must have been legally taken and must include information about date and location of harvest, and who the specimen was acquired from if not self-harvested. Feral pigs (including Russian/European Boar) are NOT permitted in taxidermy exhibits.

**10226 Forestry** – An exhibit, including collections, that shows learning from participation in a forestry project or program.

**10230 Horticulture and Plant Science** - An exhibit that shows learning about the growth, use, and value of plants, soils, small fruit production, vegetable and flower gardens, plant nutrition, careers, etc. (Garden crops and herbs are exhibited in classes in the 4-H Horticulture Department under 4-H Livestock.)

**10235 Home Grounds Improvement** – An exhibit that shows learning about landscape plans, selection of landscape plants, ornamental garden features, home yard improvement, storage sheds, careers, etc.

**10240 Outdoor Adventures** - An exhibit that shows learning about backpacking, biking, camping, canoeing, fishing, hiking or other outdoor activities.

**10250 Safety and Education in Shooting Sports** - An exhibit that shows learning about safe and responsible use of firearms and archery equipment or wildlife management. (The exhibit may not include actual firearms; archery equipment allowed if tips are removed from arrows).

**10260 Other Agriculture and Natural Resources** - An exhibit that shows learning about agriculture or natural resources and does not fit in any of the classes listed above.

**10270 Onsite- Garden** the horticulture judge will visit the exhibitor's garden on **Tuesday July 11, 2023**. Judging times will be assigned. Exhibitors should prepare a garden plan using the "Vegetable Garden Planning Worksheet Grid" that should show where varieties of vegetables, flowers or landscape plants are planted. Varieties of already harvested vegetables should also be included in the garden plan. 4-Hers should be home at the assigned judging time and ready to answer questions about their garden or landscape project.

Gardens will be judged on the garden plan that the exhibitor prepares, maintenance, care, plant spacing, insect and weed control, design and arrangement, plant selection, etc.

Categories include:

- A. Home Garden
- B. Commercial Gardening
- C. Flower/Ornamental
- D. Landscaping

The Horticulture judge will give ribbons and evaluations to exhibitors during non-livestock judging on Tuesday, July 12, 9AM-12PM in the Exhibit Building at the Central Iowa Fair.

## Division 103: Creative Arts Exhibit Rules

Exhibitors must comply with the General

**10310 Music** - An exhibit that shows learning about musical performance, composition and arrangements, instruments, musical styles or history.

**10320 Photography** - An exhibit, either photo(s) or an educational display, that shows learning about photography from choosing a camera to modifying your photo. Still photos only, not video

### Photography Special Rules:

1. *Photographs may be either black and white or color. Photographs must have been taken since your county fair of the previous year.*
2. *Photographs must be a minimum of 5" x 7". Finished size (including mounting/matting) of single photographs may not exceed 11" x 14". Exception: Panoramic photos must not exceed 24" in length.*
3. *All photographs must be printed on photographic paper and must be mounted and/or matted. Maximum thickness of finished project must not exceed one-fourth of an inch thick*
4. *Mounted photos can be (a) flush-mounted [no board showing] on mounting board, or (b) with mount borders [window mat or flat mount directly on board]. Exhibitors may cut their own mounting boards, use ready-cut window mats or have matting done professionally.*
- a. *4-Hers are responsible for design decisions such as mounting, matting, color and size*
- b. **Framed photographs (including floating frames) will not be judged**
5. *A series is a group of photographs or slides [3 to 5] that are related to or tell a step-by-step story. Photographs must be mounted together in story order or sequence. Finished size of individual photographs in a series should not exceed 6" x 8".*
6. *Edited photos should include a copy of the photo before edits.*
7. *Subject matter of photographs must be in good taste and be appropriate for public display in a 4-H setting. Photographs depicting unsafe practices or illegal activities will not be displayed.*
8. *Iowa State Fair 4-H photography exhibitors must use the Photo Exhibit Label to provide required information for photo exhibits.*
9. *Exhibitors entered in 4-H Photography are not eligible to exhibit in the FFA Photography Show and vice-versa.*

**10340- Creative Photography** - A photographic image that was creatively edited or modified beyond reality in a creative, imaginative and experimental way to make it more interesting and visually engaging. Could be a composite of multiple photographs

### Creative Photography Special Rules:

1. *Photograph/image may be mounted/matting or submitted (uploaded) as a digital image.*
2. *If mounted, the photograph/image must be mounted on a foam core no smaller than 4" in length or larger than 14" in length.*
3. *Photograph/Image can be digitally created or from a film negative*
4. *Photograph must be on photo paper, canvas, or other flat material.*
5. *Exhibit must have the most current Photo Exhibit Label on back with required information for photo exhibits. Exhibit write up should include additional information about the process and decisions used to develop exhibit.*

6. *Subject matter must be in good taste and be appropriate for public display in a 4-H setting, photographs depicting unsafe practices or illegal activities will not be displayed.*

**10345- Photography Idea/Educational Display** - An exhibit that demonstrates learning about photography that does not fit into any previous photography class. This class may include educational displays about printing, processing, editing, marketing, branding, merchandising, etc., as it relates to photography.

**10350-Visual Arts Original Art**- An exhibit that shows learning through creation of original art. Original art is a one of a kind, non-replicable design of your creation. By using one medium or a combination, an individual creates an authentic work of art that is not recognizable as another's work. You must explain the application of the most relevant design element(s) and art principle(s) featured in this exhibit. Describe your inspirations, reasons, feelings, and/or motives for creating this work of art.

**10355- Visual Arts - Design, Process, or Technique Exploration** - This class emphasizes process and provides the opportunity to explore a medium, practice a skill, or study and apply elements and principles of art and design. An explanation of the application of design elements or art principles used when making the exhibit must be included. This exhibit may be an object, portfolio, display, poster, or organized sketchbook. If a non-original design source is used, its origin (where the idea was found, any pictures, sketches, etc.) must be credited, acknowledged or have copyright permission obtained. See visual arts special rule #5 and #6

**10360- Visual Arts - Other Visual Art Ideas/Topics** - Exhibits might include the study and research about an individual artist, style, craft, business or marketing process, planning group tour, career options, etc

#### **Visual Arts Special Rules:**

1. *Exhibits made from kits or preformed molds will not be accepted. Exception: Preformed molds (greenware, whiteware) may be used to provide the appropriate surface for a process technique or application of original design.*
2. *If the exhibit is a finished art object, the source or inspiration of the design, design sketches, or other process for creating the object and design must be included. For additional information see the Visual Arts and Design Elements & Art principles Exhibit Tip Sheets at <https://www.extension.iastate.edu/4h/exhibit-tip-sheets> .*
3. *If the exhibit is a finished art object information must be included explaining the application of design elements and art principles used in creation of the work.*
4. *Original works of art must be a creative expression of a design unique to the artist, or represent a significant modification to an existing design to make a new and original statement by the artist.*
5. *Exhibition of derivative works created by a 4-H'er is prohibited without the written permission of the original copyright holder/owner. Use of copyrighted or trademarked designs, images, logos, or materials in 4-H visual arts exhibits is prohibited unless written permission has been obtained from the copyright or trademark holder/owner. For additional information, see 4-H Exhibit Copyright Information at <https://www.extension.iastate.edu/4h/visual-art>.*
6. *Items entered must be ready for display in the home, gallery, or intended final display location: pictures frame, wall hangings and pictures ready to hang, etc. Make sure hangers are strong enough to support the item. Command Strips or other quick attach products are usually not adequate hangers.*

## **Division 104: Family & Consumer Sciences Exhibit Rules**

**Exhibitors must comply with the General**

**10410 Child Development** - An exhibit that shows learning about children. Exhibits that include items intended for use with children (books, toys, learning games, babysitting kits, etc.) should include information about what you have learned 1) about children while creating and using the exhibit or 2) what the child(ren) learned from use of the item(s) in the exhibit. Exhibit examples include careers in child development, caring for children with special needs, childcare, growth and development, safety and health etc.

**10420 Clothing and Fashion – Constructed/Sewn Garments & Accessories** - A constructed garment or accessory (sewn, knitted, crocheted, or other process) that shows learning about style, fashion, design, thrifty spending, wardrobe planning, types of fabrics, and/or clothing care. **Exhibits must be intended to be worn by humans.**

**10422 Clothing and Fashion – Purchased Garments & Accessories** - Purchased garments or accessories that shows learning about style, fashion, design, thrifty spending, wardrobe planning, types of fabrics, and/or clothing care. Exhibits must be intended to be worn by humans.

**10424 Clothing and Fashion – Other Ideas/Educational Exhibits** - Any other educational exhibit that shows learning about clothing and fashion including but not limited to design illustrations, exploration of clothing styles, careers, clothing care, etc.

#### **Clothing and Fashion Special Rule:**

1. *Outfits or accessories which will be worn during the Awardrobe Clothing Event may not be entered as a 4-H Iowa State Fair exhibit.*
2. *Exhibits in classes 10420 and 10422 must include information about application of design elements and art principles. Exhibits in class 10424 should include information about application of design elements and art principles if appropriate for the exhibit.*

**10430 Consumer Management** - An exhibit that shows learning through savvy budgeting, comparison shopping, money management, or consumer rights and responsibilities.

**10440 Food & Nutrition – Prepared Product** - An exhibit of a prepared food product that shows skills or learning about cooking, baking, eating and choosing healthy foods, or safety practices through the making of a prepared or preserved food product. See *Food & Nutrition Special Rules below and HS 76 "Foods for Iowa 4-H Fairs – Quick Reference Guide"* at <https://store.extension.iastate.edu/product/6434> for additional information regarding prepared food products. Display boxes are not allowed for prepared products at the Iowa State Fair.

**10442 Food & Nutrition – Preserved Product** - An exhibit of a preserved food product that shows skills or learning about food preservation through the making of a prepared or preserved food product. Processed honey may be exhibited in this class. See *Food & Nutrition Special Rules below and HS 76 "Foods for Iowa 4-H Fairs – Quick Reference Guide"* at <https://store.extension.iastate.edu/product/6434> for additional information regarding preserved food products

**10445 Food & Nutrition – Educational Display** - An educational exhibit (poster, report, display) that shows skills or learning about cooking, baking, eating and choosing healthy foods, meal planning & service, safety practices, or food preservation. See *Food & Nutrition Special Rules below and HS 76 "Foods for Iowa 4-H Fairs – Quick Reference Guide"* at <https://store.extension.iastate.edu/product/6434> for additional information regarding prepared and preserved food products. Exhibits showing learning about meal planning & service must include a menu.

#### **Food & Nutrition Special Rules:**

1. *Any exhibit considered to be a food safety risk or portray a food safety risk will not be accepted, judged or displayed.*
2. *All food products/exhibits should be appropriate for human consumption.*
3. *Food product exhibits must be prepared, baked or cooked using only food grade utensils and containers.*
4. *Products that require refrigeration will not be accepted, judged or displayed.*
5. *Meat jerky products are prohibited.*
6. *The recipe must be included for any prepared or preserved food exhibit; credit the source of the recipe.*

7. Preserved foods must include the Food Preservation Exhibit Label. Only food processed after August 1, 2022 is acceptable. Current USDA and/or Iowa State University guidelines for home food preservation must be used. Processed honey must include the Honey Exhibit Label.
8. Preserved food exhibits **must** include two product samples. One will be opened for evaluation and discarded; the second will be placed on display and returned to the exhibitor. All perishable food products will be discarded when removed from display.
9. Prepared foods should be placed on a firm disposable plate or flat cardboard. Place food product exhibit in a reclosable plastic bag with entry tag fastened outside the bag. Recommended number of items to include with the exhibit:  
  - Cookies, cupcakes, bars, muffins, rolls, etc. – four (4) to six (6) items
  - Cakes, loafs, pies, etc. – one (1) whole product.

10. The use of alcoholic beverages in the preparation or production of 4-H food exhibits is NOT permitted.

**10450 Health** - An exhibit that shows learning through food choices, physical activity, safe activities, skills such as first aid and CPR, careers, and/or healthy lifestyle choices.

**10460 Home Improvement** - An exhibit that shows learning in planning, improving and caring for your home living space, including extended personal living areas immediately adjacent to the home. Exhibits may include new or refinished/reclaimed/restored items. Exhibits showing learning about home design, furniture, home accessories, and fabrics must include information about how design elements and art principles were applied.

#### Home Improvement Special Rules

1. **Items entered must be ready for display in the home: pictures framed, wall hangings and pictures ready to hang, etc. Make sure hangers are strong enough to support the item. Command Strips or other quick attach products are usually not adequate hangers. Items not ready for display will be dropped one ribbon placing.**
2. **Exhibit Write-up/ information must include source of inspiration and/pr references indicating where the idea or information was obtained, giving credit to original author(s), designer(s), artist(s).**

**10470 Sewing and Needle Arts** - A constructed item (sewn, knitted, crocheted, or other process) that shows learning and skill in sewing, knitting, crocheting, or other needle arts. May include the construction of household items such as pillowcases, curtains, table runners, quilts, wall hangings, etc. Exhibits in this class are not intended to be worn by humans.

**10472 Sewing and Needle Arts – Other Ideas/Educational Exhibits** - Any other educational exhibit that shows learning about sewing and needle

arts including construction techniques, use and care of fabrics and fibers, design illustrations, decorative processes, careers, etc.

**Note: Exhibits in classes 10470 and 10472 should include information about application of design elements and art principles if appropriate for the exhibit.**

**10480 Other Family and Consumer Science** - An exhibit that demonstrates learning about a family and consumer science topic that does not fit any other Family & Consumer Science class listed.

#### Special Exhibition - Thrifty Meal Challenge

10490 - Thrifty Meal Challenge – Create a balanced, nutritious meal for a family of four (4) that includes a serving from each of the five good groups with a budget of \$11.

Special Rules:

1. Each county may enter one (1) exhibit in this class.
2. All entries will receive an evaluation and ribbon.
3. Exhibit may be from an individual or group effort.
4. The meal must serve a family of four (4) people
5. The total expenses on receipt(s) must not exceed \$11
6. The meal must include a serving for each person from each of the five (5) food groups. Recommended portion sizes per person: ½ cup fruit, ½ cup vegetable, 3 ounces protein, 1-2 ounces grain, 1 cup equivalent dairy.
7. The exhibit will be a poster (maximum size 20" x 30") that shows the menu, meal type, copy of receipts (up to 2), photos of the meal, and attached copy of the Thrifty Meal Challenge worksheet to the back of the poster. Additional information about the \$10 Meal Challenge can be found on the Iowa 4-H Food & Nutrition and Health project pages at [www.extension.iastate.edu/4h/](http://www.extension.iastate.edu/4h/)

## Division 105: Personal Development Exhibit Rules

Exhibitors must comply with the General

**10510 Citizenship and Civic Engagement** - An exhibit that shows learning about or contributing to your community, your country or your world.

**10520 Communication** - An exhibit that shows learning about written, oral, and visual communication skills. Includes learning from participation in the theater arts projects or programs such as puppets, stage design, etc. May include original creative writing, poetry, fiction, non-fiction etc..

**10530 4-H Poster Communication Exhibit** - Special poster exhibit to visually tell a story or idea about 4-H to the general public. Exhibitors must use one of the following themes:

- 4-H is... (open to 4-H'er's interpretation)
- Join 4-H
- Opportunity4All (2023 National 4-H Week Theme)
- Spy Your Potential (2023 Iowa 4-H Youth Conference theme)
- Best Days Ever(in 4-H) (variation of Iowa State Fair theme)

#### Poster Communication Special Rules:

1. Only one poster per 4-H member may be entered. Limit of two posters per county for the Iowa State Fair
2. All posters must be designed on, or affixed to, standard poster board or foam core board—size minimum of 14" x 20" or maximum of 15" x 22".
3. Posters may be vertical or horizontal. Posters may be any medium: watercolor, ink, crayon, acrylic, charcoal, oils, collage, etc.
4. Posters cannot be 3-dimensional. Materials used to make the poster may not extend more than 1/8 inch above the poster or foam core board.
5. Each poster must have the completed Poster Exhibit Entry Form attached to the back.
6. Posters cannot use copyrighted material or exact copies of other promotional designs, such as the Iowa 4-H Youth Conference theme logo.
7. 4-H members may include the 4-H clover in the poster.

**10540 Digital Storytelling** - An exhibit that demonstrates the application of technology to produce a creative movie/film/video. Exhibits may include a finished movie or video, creation of a detailed storyboard, editing techniques using digital video software, production techniques, or other display to share what was learned. Copyright permission must be obtained for any non-original material included as part of a film/movie/video.

**10560 Leadership** - An exhibit that shows learning about leadership skills and influencing others in a positive way.

**10560 Self-Determined** - An exhibit that shows learning as part of your 4-H adventure and does not fit any other class.

## 106: Science, Engineering, & Technology

Exhibitors must comply with the General

### Exhibit Rules

**10610 Mechanics** - An exhibit that shows skills or learning about general mechanics or engineering solutions or that involve a combination of skills.

**10612 Automotive** - Repaired or restored vehicle (Note: vehicles will be on display at the Iowa State Fair one day only, Thursday August 10.)

**10613 Automotive Educational Display** – Educational display showing learning about an automotive idea including automotive maintenance, auto operations, auto safety, or automotive systems.

**10614 Electric** - Constructed or repaired article or educational display that shows skills or learning about electric wiring, appliances, lighting, electrical energy sources, safety, etc.

**10615 Small Engine** - Repaired or restored operating engine or educational display or other type exhibit that shows skills or learning about small engines. This class includes repaired or restored lawn tractors, small motorcycles, go-karts, etc.

**10616 Tractor** - Repaired or restored tractor (or educational display showing learning related to tractors, tractor mechanics, tractor operations, or tractor safety. Note: A conference judging opportunity for exhibitors of repaired or restored tractors in class 10616 will be offered during exhibit check-in. (Conference judging may not be available during all check-in times.) Tractors will be displayed outside throughout the Iowa State Fair. Release time Sunday, August 20, after 7:00 p.m.)

**10617 Tractor Educational Display** - An exhibit showing learning related to tractors, tractor mechanics, tractor operations, or tractor safety.

**10618 Welding** - Constructed item or educational display that shows skills or learning about welding.

**10620 Woodworking** - An exhibit that shows learning about wood, woodworking techniques, and safe uses of woodworking tools and machines. Exhibits may include newly constructed or refinished/reclaimed/restored wood items.

**10630 Science, Engineering & Technology** - An exhibit that shows learning about or helps explain how science and technology help us interact with the world. Topics include, biological and chemical sciences, computers & networking, earth & climate, geospatial mapping (GPS/GIS), or any other application of Science, Engineering, or Technology.

**10632 Aerospace** – Educational display or other exhibit (including flyable models) showing learning about an aerospace idea or topic.

**10634 Robotics** – Educational display or other exhibit (including working robots) that shows learning about robotics and robotic systems.

### Science, Engineering & Technology

#### Special Rule:

1. Exhibitors entered in the 4-H Science, Engineering and Technology classes are not eligible in similar FFA Ag Mechanics Classes and vice versa