

## 2024 MISCELLANEOUS OUTDOOR FAIR EXHIBIT REQUIREMENTS

*All information in this requirements letter supersedes information in project books*

## WELCOME TO THE HURON COUNTY 4-H PROGRAM!

As your 4-H club organizes this year you will find some very important information in this project requirements letter. The Family Guide to 4-H contains information on almost 200 possible 4-H projects. It is to be used along with this letter. Knowing the requirements of a project, when it will be judged, and what you have to exhibit will help you make the best choice. Parents/guardians should participate in the project selection process and should read this requirements letter before signing your 4-H enrollment sheet.

**HURON COUNTY 4-H GUIDELINES**

1. **MEMBERSHIP ELIGIBILITY:** Eligibility for participation in regular 4-H membership begins when a child is age 8 and in third grade, as of January 1. Any youth age 9 or above, as of January 1, is eligible for project membership, regardless of grade level. You may be a 4-H member until you have passed your 19<sup>th</sup> birthday on January 1 of the current year. *Huron County Extension embraces human diversity and is committed to ensuring that all research and related educational programs are available to clientele on a nondiscriminatory basis without regard to age, ancestry, color, disability, gender identity or expression, genetic information, HIV/AIDS status, military status, national origin, race, religion, sex, sexual orientation, or veteran status. This statement is in accordance with United States Civil Rights Laws and the USDA.*

2. **MEETING ATTENDANCE:** Your club must have at least eight meetings each year and you must attend at least six to complete your year's membership and exhibit at the fair. Your club may have additional completion requirements. You may be excused from meetings for other 4-H activities or for school activities. Meetings missed because of work, community baseball, family vacations, etc. are not excused.

3. **ENROLLMENT:** Complete your enrollment at 4honline.com. New members will need to create an account. Returning members must log in with your family email used last year. Enrollment deadline is May 1, 2024.

4. **PROJECT ENROLLMENT FEES:** There is an **\$8.00** per project enrollment fee. The enrollment fee will include one project book, up to \$8.00 in value. Members in the second year of a two-year project, may use the same book, but must pay the \$8.00 project fee to reenroll in the project. There are many exceptions when the project manuals and supplements cost more than \$8.00 per project. Check this letter for additional cost items.

5. **PROJECT SELECTION:** Projects should be selected based on age, interest, and/or previous experience. Check the Family Guide for levels of projects.

6. **PROJECT REPETITION:** If a member has not mastered the information in any project book, they may repeat that project unless specifically denied in this letter. Members repeating projects **MUST** challenge themselves by selecting more difficult activities, materials or techniques.

7. **4-H AND FFA JOINT MEMBERSHIP:** An individual may be enrolled in both 4-H and FFA. Most FFA still projects (except floriculture, crops, fruits & vegetables) show separately from 4-H projects at the fair, therefore, a member enrolled in both organizations may exhibit in both areas. However, exhibits must be different (example: may not exhibit a sawhorse in both 4-H and FFA).

8. **PROJECT BOOKS:** All 4-H projects require the completion of project books as part of the learning process. Completed project books must be brought with the member to their judging interview. Your club may require you to turn in your project book(s) for evaluation prior to fair entry deadline of July 8, 2024. Check with your advisor.

9. **PROJECT COMPLETION:** All members must be evaluated in each project in which they enroll. Project evaluation is usually completed at the fair during interview judging. Members who choose not to or cannot exhibit at the fair have two options to complete their project. They may schedule an interview during absentee judging on July 29 or write a letter to the 4-H Committee explaining why you could not complete your project. Members who are not evaluated through the regular fair interview process are ineligible for placings, premiums or awards.

**10. PROJECT INTERVIEWING:**

- All miscellaneous outdoor projects exhibited at the fair will be evaluated by interview during the Fair, where the project is exhibited. Individual interview times will be posted at the Fair. You must sign in at the building where your project is located at the designated time. If you will not be available during the Fair, you need to make an appointment to bring your completed project to the Extension Office on Absentee Judging day, July 29, for evaluation.
- Exhibitors with a judging day conflict elsewhere on the fairgrounds (i.e., showing rabbits, showing a horse) should see the superintendent the day the project enters the fair or the day before judging. Time blocks are available prior to and after scheduled interviews for exhibitors with judging conflicts.

- All 4-H members must bring their completed project book(s) to judging. Members not bringing their completed books will not be penalized a grade, but will be ineligible for placing.

**11. GRADING AND PLACING PROJECTS:**

- If you are not judged by the official judge, you will have credit for a completed project, be awarded a project grade, and can exhibit at the fair, **but you will NOT be eligible for placings or premiums.**
- **All 4-H members must bring their completed project book(s) to judging.**
- Grades awarded will be A, B, or C. Placings awarded will be 1st, 2nd, 3rd and Honorable Mention. Some trophies and awards will be presented. (See fair book for a listing of trophies and premiums.)
- All placings will be awarded if projects receive a judging grade of "A". Projects receiving "B" and "C" grades may receive placings at judge's discretion, but do not have to be placed. No "B" or "C" grade may place above an "A" grade.
- Interview judging will be based on the following: Exhibitor's knowledge of subject area; Exhibitor's experience in subject area; What exhibitor has learned from project; Appearance of exhibit and its application to the project; Completed project book.
- The judges will use an evaluation form when interviewing exhibitors.
- Placings of eligible projects will be based on the following: Interview and appearance of the exhibit. (Except for floriculture, crops, vegetables & fruits, which will be placed on appearance if the exhibitor receives an "A" grade.)
- Any exhibit not conforming to these Fair requirements will receive a grade but will be ineligible for placings. Judge's decisions are final in all grades and placings.

**12. SUGGESTIONS FOR EXHIBITORS AT INTERVIEWS:** Dress neatly. Be on time for your interview. Check in at the registration table when you arrive for your interview. Read your project book thoroughly before the fair. (The judge may ask you questions from the book.) **You must bring your completed project books to judging.** Remember to speak up when answering questions. If you used plans or diagrams for building your exhibit (woodworking, electricity, models, etc.) bring the plans so the judge may look at them. Members should not wear hats or T-shirts with advertising.

**13. FAIR ENTRY AND RELEASE DEADLINES:**

- All still exhibits (except floriculture, fruits & vegetables and Cloverbud exhibits) must be checked in and on display between **10:00 a.m.-3:00 p.m.** on Sunday, Aug. 11. Floriculture, fruits, vegetables and Cloverbud exhibits are checked in on Monday, August 12, before judging. Specific times will be posted.
- **All projects are released on Sun., August 18 between 8:00 a.m.-12:00 noon.**

**14. FAIR EXHIBITS:**

- An entry must be completed on Fairentry.com for each exhibit being displayed at the fair. Deadline for entries is July 8, 2024.

- All projects must have an exhibit on display at the fair all week to be eligible for placings, premiums or awards. A project may be temporarily removed if there are extenuating circumstances, a super intendent is notified at drop off and gives approval, and an educational display is exhibited in its place.
- All projects must have been developed, produced or made in the current 4-H year; unless it is a continuing project, ie. Refurbished Tractors.
- When this fair requirement letter indicates the fair display is an "exhibit", that does not necessarily mean a poster. Be creative!
- Posters are limited to tri-fold display boards or **22" x 28"** flat poster boards. Only one poster per project may be displayed. **No FOAM boards!!**
- A display (anything other than a poster) must be free-standing and should be no larger than 3' x 2'. (Rope boards, welding panels and engine boards are to be no larger than 24" x 24").
- Project exhibits which do not follow the enclosed exhibit guidelines will receive a grade but will be ineligible for class placings and premiums.
- ***All information contained in this Fair Requirements letter supersedes information contained in the 4-H project books about exhibit requirements.***
- All exhibits should have the exhibitor's name and the 4-H club name on the exhibit.
- No guns, live ammunition, bows, arrows, fishhooks, wild bird feathers, or bird nests may be used in exhibits.
- All batteries must be removed from the project, except for during judging.
- Exhibits containing water must be pre-approved through the 4-H Extension Office.

**15. PROJECTS LEFT AT THE FAIR:** Any projects not picked up from the fair during regular check-out times will be left in the Junior Fair Office. Projects may be picked up at the Jr. Fair Office on Thursday, September 5 from 6:00pm-7:00pm. Projects then become property of the Junior Fair Board and will be disposed of at their discretion.

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<p><u>PROJECT</u></p> <p>#671 - How Does Your Garden Grow?</p> <p><i>Members enrolling in this project must purchase project book each year they take the project. (\$8.00)</i></p> <p><u>2024 Floriculture Clinic:</u></p> <ul style="list-style-type: none"> <li>• Tuesday, April 23, 2024</li> <li>• 6:30 p.m.</li> <li>• North Fairfield United Methodist Church</li> <li>• Parents and advisors welcome to attend with members!</li> </ul> <p><b><u>MANDATORY FOR ALL FIRST YEAR EXHIBITORS!</u></b></p>	<p style="text-align: center;"><b>FLORICULTURE PROJECTS</b></p> <p><u>EXHIBIT RULES</u>  <b>PLEASE READ &amp; FOLLOW ALL RULES CAREFULLY!</b></p> <ul style="list-style-type: none"> <li>• Exhibit specimen flowers (Class 17, entries 1 - 60).</li> <li>• May also exhibit potted plants, flower arrangements, houseplants, succulents, miniature garden or posters (Class 18).</li> <li>• May exhibit as many entries as desired. Only one entry per entry number.</li> <li>• May add or delete entries the day of the show.</li> <li>• Exhibitors should prepare their own exhibit at fair. Parents and advisors are asked not to do the work for the exhibitor. Superintendents will be on hand to offer assistance.</li> <li>• All projects must be checked in between 8:00 &amp; 9:30 a.m. on Monday, August 14. When preparing your exhibits, double check to be sure you have your entries entered under the right class and correct entry number.</li> <li>• Exhibitors will be evaluated during a 5-10-minute interview, starting at 10:00 a.m. Monday, August 12. Interview times will be posted. If there is a conflict, make other arrangements with the superintendents as soon as possible.</li> <li>• All members enrolled in floriculture projects must bring their completed project book and be interviewed for a completed project, even if there is no fair exhibit.</li> <li>• Judges and superintendents reserve the right to sub-divide classes and move entries to proper classes.</li> <li>• Entries entered out of class will not be placed.</li> <li>• All specimens must be grown by exhibitor.</li> <li>• All specimens past their prime will be discarded.</li> <li>• Containers will be provided for specimens.</li> <li>• All Class 17 specimens must be displayed in water bottles, not as potted plants.</li> <li>• Wedges of wood or other material are encouraged to keep blooms erect.</li> <li>• Superintendents are <i>not</i> responsible for watering plants at the fair.</li> <li>• All arrangements must be work of exhibitor. Flowers in arrangements do not have to be grown by exhibitor.</li> <li>• Florist flowers must not be used unless asked for.</li> </ul>	<p><u>EXHIBIT RULES CONTINUED</u></p> <ul style="list-style-type: none"> <li>• Plastic, silk or dried materials must not be used unless asked for.</li> <li>• Exhibitors are encouraged to be present at the oral judging in the afternoon on Monday.</li> <li>• Exhibits must be picked up by 12:00 p.m. on Sunday after the fair or they will be disposed of immediately.</li> </ul> <p>Be sure to follow directions on what is required. (One bloom, 3 blooms, 1 spray, must be disbudded, same color, 3 colors, foliage attached etc.)</p> <p><b><u>DEFINITIONS:</u></b>  Disbudded - tiny side buds are cut off close to the stem. Should be done early to avoid stubs or scars.</p> <p>Round form - petals show depth and fullness. The disc should be round and well centered and prominent.</p> <p>Spray - a main stem with side branches and blossoms on all sides.</p> <p>Spike - a lengthened flower cluster in which the florets are stemless.</p>
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**PROJECT**

Floriculture, continued - #671

*Floriculture interview judging Monday morning, August 12  
Completed project book must be brought to interview judging.*

**FAIR EXHIBIT**

Class 17 - Specimen Flowers

ENTRY NUMBERS:

1. Rose - Hybrid-Tea (1 bloom, disbudded, foliage attached)
2. Full Blown Rose (1 bloom, disbudded, center showing)
3. Floribunda Rose (1 spray, foliage attached)
4. Miniature Rose (1 bloom, disbudded, foliage attached)
5. Marigold Dwarf Single Flowered French (One layer of flat petals, 3 blooms, same variety, disbudded, foliage attached)
6. Marigold - Dwarf, Orange Ball Type (3 blooms, same variety, disbudded, foliage attached)
7. Marigold - Dwarf, Yellow Ball Type (3 blooms, same variety, disbudded, foliage attached)
8. Marigold - Dwarf, Yellow Orange (bicolor) Ball Type (3 blooms, same variety, disbudded, foliage attached)
9. Marigold - Green (3 blooms, same variety, disbudded, foliage attached)
10. Marigold - White (3 blooms, same variety, disbudded, foliage attached)
11. Marigold - Tall Yellow (3 blooms, same variety, disbudded, foliage attached)
12. Marigold - Tall Orange (3 blooms, same variety, disbudded, foliage attached)
13. Zinnia - Dwarf (3 blooms, same variety, same color, under 2" diameter, disbudded, foliage attached)
14. Zinnia - Medium (3 blooms, same variety, same color, 2-3" diameter, disbudded, foliage attached)
15. Zinnia - Giant (3 blooms, same variety, same color, over 3" diameter, disbudded, foliage attached)
16. Zinnia - Dwarf (3 blooms, same variety, 3 different colors, under 2" diameter, disbudded, foliage attached)
17. Zinnia - Medium (3 blooms, same variety, 3 different colors, 2"-3" diameter, disbudded, foliage attached)
18. Zinnia - Giant (3 blooms, same variety, 3 different colors, over 3" diameter, disbudded, foliage attached)
19. Dahlia - Border (1 bloom with foliage, disbudded, foliage attached)
20. Dahlia - Medium (1 bloom, with foliage, under 4", disbudded, foliage attached)
21. Dahlia - Large (1 bloom, with foliage, 4" and over, disbudded, foliage attached)
22. Dahlia - Pompon (3 blooms, same color, disbudded, foliage attached)
23. Dahlia - Cactus (1 bloom, with foliage, disbudded, foliage attached)

Continue to next column →

Class 17 - Specimen Flowers, continued

ENTRY NUMBERS:

24. Snapdragons - Small or Carpet (3 spikes, same variety, same color)
25. Snapdragons - Large or Rocket (3 spikes, same variety, same color)
26. Snapdragons - Small or Carpet (3 spikes, same variety, 3 different colors)
27. Snapdragons - Large or Rocket (3 spikes, same variety, 3 different colors)
28. Asters (3 blooms, same variety, same color, disbudded, foliage attached)
29. Cosmos (1 spray)
30. Bachelor's Button (3 blooms, same variety, same color, disbudded, foliage attached)
31. Bachelor's Button (3 blooms, same variety, 3 different colors, disbudded, foliage attached)
32. Cockscomb - Crested (1 stem)
33. Cockscomb - Plumed (1 stem)
34. Petunia - Single, Purple (1 spray, one color)
35. Petunia - Single, White (1 spray, one color)
36. Petunia - Single, Other than Purple or White (1 spray, one color)
37. Petunia - Single- Two tone (1 spray)
38. Petunia - Double (1 spray)
39. Shasta Daisy (3 blooms, disbudded, foliage attached)
40. Chrysanthemum (3 blooms, disbudded, foliage attached)
41. Calendula (3 blooms, disbudded)
42. Gladiolus - Pink, Red or Rose (1 spike disbudded with foliage)
43. Gladiolus - Yellow, White or Green (1 spike disbudded with foliage)
44. Gladiolus - Other than colors listed above (1 spike disbudded with foliage)
45. Small Sunflower (1 head with stem - under 8" diameter, foliage attached)
46. Hosta - Variegated - Small (under 4") 1 leaf, no bloom
47. Hosta - Variegated - Large (4" & over) 1 leaf, no bloom
48. Hosta - Non-Variegated - Small (under 4") 1 leaf, no bloom
49. Hosta - Non-Variegated - Large (4" & over) 1 leaf, no bloom
50. Daylily (1 stalk)
51. Any Other Variety Flowering Annual- Round form (1 bloom) - include name of variety, foliage attached
52. Any Other Variety Flowering Annual - Spike form (1 spike) - include name of variety
53. Any Other Variety Flowering Annual - Spray form (1 spray) - include name of variety
54. Any Other Variety Flowering Perennial - Round form (3 blooms) - include name of variety, foliage attached
55. Any Other Variety Flowering Perennial - Spike form (1 spike) - include name of variety

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<p><u>PROJECT</u></p> <p>Floriculture, continued - #671</p>	<p>Class 17 - Specimen Flowers, continued</p> <p>ENTRY NUMBERS:</p> <ol style="list-style-type: none"> <li>56. Any Other Variety Flowering Perennial - Spray form (1 spray) - include name of variety</li> <li>57. Any Other Variety Flowering Perennial from a Bulb (1 bloom, spray or spike) - include name of variety</li> <li>58. Educational Exhibit - Annual (5 different annual blooms; each specimen placed in a small glass container and grouped together in a small basket; must be labeled with common name and variety name)</li> <li>59. Educational Exhibit - Perennial (5 different perennial blooms; each specimen placed in a small glass container and grouped together in a small basket, must be labeled with common name and variety name)</li> <li>60. Educational Exhibit - Herbs (5 different herbs, each specimen placed in a small glass container and grouped together in a small basket; must be labeled with common name and variety name)</li> </ol> <p>Class 18 – Houseplants, Succulents, Potted Plants, Miniature Garden, Arrangements &amp; Posters</p> <p>ENTRY NUMBERS:</p> <ol style="list-style-type: none"> <li>1. Houseplants – Foliage Plant (1 variety per pot)</li> <li>2. Houseplants – Blooming Plant (1 variety per pot)</li> <li>3. Succulents and/or Cacti Collection (3 or more plants in one container)</li> <li>4. Succulents (one variety per pot)</li> <li>5. Outside Patio pot (Combination of 3 or more compatible plants in one container; must be grown by exhibitor 90 days)</li> <li>6. Hanging Basket - Flowering Annual (must be in bloom; hanger must be provided; must be grown by exhibitor 90 days)</li> <li>7. Hanging Basket -Non- Flowering (Hanger must be provided; must be grown by exhibitor 90 days)</li> <li>8. Miniature Garden (3 or more dwarf and miniature plants and in-scale garden accessories – a “fairy garden”)</li> <li>9. Miniature (arrangement under 4 inches in all directions)</li> <li>10. Small Talk (arrangement under 8 inches in all directions)</li> <li>11. Farmer’s Market, Jr. (8 - 13 years old) - (arrangement of flowers with fruit and/or vegetables. No cut fruits.)</li> <li>12. Farmer’s Market, Sr. (14 years and older) - (arrangement of flowers with fruit and/or vegetables. No cut fruits.)</li> </ol> <p style="text-align: right;">Continue to next column →</p>	<p>Class 18 – Houseplants, Succulents, Potted Plants, Miniature Garden, Arrangements &amp; Posters, Continued</p> <p>ENTRY NUMBERS:</p> <ol style="list-style-type: none"> <li>13. Tints and Tones (an all-foliage arrangement)</li> <li>14. Huron County Fair, Jr. (8 - 13 years old) (Arrangement interpreting the Huron County Fair)</li> <li>15. Huron County Fair, Sr. (14 years and older) (Arrangement interpreting the Huron County Fair)</li> <li>16. Daisy, Daisy (arrangement featuring any variety of daisies)</li> <li>17. Hospitality (arrangement for dining table using garden flowers)</li> <li>18. Dinnertime (arrangement for dining table using florist flowers)</li> <li>19. America (arrangement using red, white and blue, no flags)</li> <li>20. Beauty (mass arrangement)</li> <li>21. Corsage (using florist flowers, ribbon may be used)</li> <li>22. Wreath (using dried material only - no silk material may be used. Bows or ribbon may be added)</li> <li>23. Small Scarecrow (use your imagination - must not be over 4 feet tall, should include some horticultural material)</li> </ol> <p><b>REMINDER:</b> Exhibits must be picked up by 12:00 p.m. on Sunday after the fair or they will be disposed of immediately.</p> <p><b><u>POSTER CONTEST</u></b> Exhibitors prepare a poster on standard size poster board (22" x 28") (<b>no foam boards</b>) creatively depicting their flower garden(s). Poster should include pictures and descriptions.</p> <ol style="list-style-type: none"> <li>24. Garden Poster Contest Jr. (8 - 13 years old) - Use a standard size poster board - include pictures and descriptions of your flower garden(s).</li> <li>25. Garden Poster Contest Sr. (14 - 18 years old) - Use a standard size poster board - include pictures and descriptions of your flower garden(s)</li> </ol>
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<p><i>Members enrolling in crops projects must purchase a Crop Resource &amp; Record Guide for each project annually. (\$8.00)</i></p> <p>Crops projects are county projects only and are not in the Family Guide to 4-H.</p> <p><u>PROJECTS</u> #660-Corn</p>	<p style="text-align: center;"><b>CROPS PROJECTS</b></p> <p><u>EXHIBIT RULES</u></p> <ul style="list-style-type: none"> <li>• Current crops raised in Huron County.</li> <li>• The record portion of the Crop Resource &amp; Record Guide must be completed for each crop. Completed records should be brought to the fair with the crops. Exhibitor should be prepared to answer questions about their crop based on the completed records.</li> <li>• Tillage practices, fertilizer and herbicide information required at fair.</li> <li>• Exhibitors do not attend crops placing on Monday.</li> </ul>	<p><i>Interviews will be held at project drop off on Sunday, August 11 from 10:00 a.m. - 3:00 p.m. Completed records must be brought to interviews. Judging for placing is on Monday, August 12. Exhibitors need not be present.</i></p> <p><u>FAIR EXHIBIT</u> Class 19 - Corn</p> <p>ENTRY NUMBERS:</p> <ol style="list-style-type: none"> <li>1. Corn Stalks (3 stalks of corn cut at ground level)</li> <li>2. Ears of Corn (6 ears without husks)</li> <li>3. Shelled Corn (Quart jar)</li> </ol>								
<p>#661-Small Grains</p>	<ul style="list-style-type: none"> <li>• Same guidelines as #660, listed above</li> </ul> <p>The Premier Crop Exhibitor Award will be given to an exhibitor with 5 or more entries in crops. Superintendents will select the winner based on excellence in preparing the specimens for exhibition.</p>	<p>Class 21 - Small Grain - <i>All stalks must be cut at ground level</i></p> <p>ENTRY NUMBERS:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">1. Stalks of Wheat (20 stalks)</td> <td style="width: 50%;">3. Quart Jar of Wheat</td> </tr> <tr> <td>2. Stalks of Oats (10 stalks)</td> <td>4. Quart Jar of Oats</td> </tr> <tr> <td></td> <td>5. Quart Jar of Barley</td> </tr> <tr> <td></td> <td>6. Quart Jar of Spelt</td> </tr> </table>	1. Stalks of Wheat (20 stalks)	3. Quart Jar of Wheat	2. Stalks of Oats (10 stalks)	4. Quart Jar of Oats		5. Quart Jar of Barley		6. Quart Jar of Spelt
1. Stalks of Wheat (20 stalks)	3. Quart Jar of Wheat									
2. Stalks of Oats (10 stalks)	4. Quart Jar of Oats									
	5. Quart Jar of Barley									
	6. Quart Jar of Spelt									
<p>#662-Soybeans</p>	<ul style="list-style-type: none"> <li>• Same guidelines as #660, listed above</li> </ul>	<p>Class 20- Soybeans</p> <ol style="list-style-type: none"> <li>1. Stalks (3 stalks with roots)</li> <li>2. Shelled Beans (Quart jar)</li> </ol>								
<p>#663 - Forage Crops</p>	<ul style="list-style-type: none"> <li>• Same guidelines as #660, listed above</li> </ul>	<p>Class 22 - Hay (12" slab from machine-made bale)</p> <ol style="list-style-type: none"> <li>1. Alfalfa hay (80% or more; 2nd cutting)</li> <li>2. Mixed hay (50% alfalfa or clover)</li> <li>3. Grass hay (60% or more)</li> <li>4. Clover hay (75% or more)</li> </ol>								
<p>Silage - #660 Corn - for corn silage #663 Forage Crops - for haylage</p>	<ul style="list-style-type: none"> <li>• Same guidelines as #660, listed above</li> <li>• 2 quarts of silage, in a tightly closed bag to keep air out and moisture in. The sample may be kept in freezer until fair.</li> </ul>	<p>Class 23 - Silage</p> <ol style="list-style-type: none"> <li>1. Corn silage- (must be fermented)</li> <li>2. Haylage - (must be fermented)</li> </ol>								
<p>#365-Self-Determined Crops</p> <p>Members enrolling in this project must purchase a project booklet with record book supplement each year they take the project (\$8.00).</p>	<p>See Self-Determined on page 35 of the 2024 Family Guide to 4-H</p> <ul style="list-style-type: none"> <li>• Same guidelines as #660, listed above</li> <li>• Members design and research their own project in miscellaneous commercial crops. Not garden grown!</li> <li>• <b>Project plan insert in Self-Determined project booklet is due in the Extension Office by April 15. Completed summary sheet is to be brought to interview, along with completed record supplement.</b></li> <li>• Reference materials are available from the Extension Office.</li> </ul>	<p>Class 24 - Miscellaneous</p> <ol style="list-style-type: none"> <li>1. Miscellaneous (Sugar beets, sunflowers, popcorn, syrup, Christmas trees and other crops not listed above)</li> </ol> <p>You will be asked to list your type of crop on Fair Entry.</p> <p>This class is for commercial crops only. It is not for garden grown crops.</p> <p><i>This class will be judged with crops on Sunday. <b>NOT</b> with the other Self-Determined projects on Monday.</i></p>								

PROJECT

#691- Grow Your Own Vegetables-  
\$8.00

#692- Growing with the Seasons -  
\$11.00

Members enrolling in either of these projects must purchase the project book each year they take the project.

**VEGETABLE AND FRUIT PROJECTS**

EXHIBIT RULES

- Projects will be evaluated by interview on Monday, August 12, beginning at 1:00 p.m. Entries must be checked in by superintendent prior to exhibitor's interview time.
- Exhibitors complete a fair entry to enter vegetables or fruits. You will be asked to select which vegetables/fruits you are bringing, but are able to change it the day of judging.
- May exhibit unlimited entries at the fair, but ONLY 1 ENTRY PER ENTRY NUMBER. (i.e., 1 entry of cherry tomatoes and 1 entry of carrots etc.)
- Vegetable and fruit exhibits are brought to the fair on Monday for judging. **Do not bring exhibits to the fair with other projects on Sunday.**
- **Completed project book must be brought to judging.**
- Vegetables & fruits should be picked up between 8:00 a.m. and 12:00 p.m. on Sunday, August 18. Exhibits not picked up by noon will be disposed of immediately.

*Interview judging Monday, August 12 starting at 1:00pm.  
Interview times will be posted in the Miscellaneous building.  
Completed project book must be brought to judging.*

FAIR EXHIBIT

Class 28 - Vegetables and Fruits

ENTRY NUMBERS:

1. Cherry Tomatoes (5) – Choose fruits of same color, size and shape without bruises, sun scald or cracked shoulders. Do not remove stem.
2. Grape Tomatoes (5) – see cherry tomatoes above.
3. Paste Tomatoes (5) – see cherry tomatoes above.
4. Fresh Market Tomatoes (5) – see cherry tomatoes above.
5. Onions (5) – Harvest 3 to 7 days before the fair to allow drying time. Bull-necked or double onions are not acceptable. Do not peel onions; brush dirt off outer layers with a soft, dry cloth. Trim tops to 2 inches.
6. Bell Peppers (5) – Uniformity is critical. Each specimen should have the same shape and number of lobes with no soft spots, sunburn or insect damage. Leave stem attached.
7. Hot Peppers (5) – see Bell Peppers above
8. Beans (5) – Select crisp, tender, straight pods of roughly the same length. Harvest with knife, leaving small portion of stem.
9. Beets (5) – Trim evenly to 2” tops. Table beets should be the size of golf balls with two or three whorls of leaves, trimmed evenly to two inches. Scrub carefully to remove caked-on dirt.
10. Carrots (5) – Trim evenly to 1” tops. Odd shapes, insect tunneling and green shoulders disqualify carrots. Choose ones of similar length/width and characteristic of the variety.
11. Sweet Corn (6 ears husked) – Freshness counts. Select ears with fill tips, even rows of kernels, uniform color and no pesticide smell.
12. Cucumbers (3) – Table varieties have smooth, dark green skin, and are ideally 8 to 9 inches long when harvested. Avoid shrunken ends, soft spots and yellowing. Leave one-half inch of stem on each cucumber.
13. Pickles (3) – Pickling cucumbers are spiny and around 4 inches long when mature. They have fluted sides, light colored ends and white undersides. Avoid shrunken ends, soft spots and yellowing. Leave ½” stem on each cucumber.
14. Cabbage (1 head) – Will appear fresher if watered for a full 30 minutes within a day of harvesting. Choose largest head that hasn't split or cracked. Remove no more than one or two wrapper leaves. Flush thoroughly with water.
15. Summer Squash (1) Oversized fruit is a loser. The rind should be tender. Trim the stem to one inch.

<p><u>PROJECT</u></p> <p>#691- Grow Your Own Vegetables</p> <p>#692- Growing with the Seasons</p> <p>Continued</p>	<p>Details on the yearly special vegetable will be inserted in the project books.</p>	<ol style="list-style-type: none"> <li>16. Winter Squash (1) – Maturity is important. Outer shell should be hard. Trim the stem to one inch.</li> <li>17. Pumpkin (1) – Uniform shape is desirable. The color should be orange. The stem should be attached.</li> <li>18. Egg Plant (2) – Fruit is ready for harvest when about four inches in diameter; glossy skin, dark purple and blemish-free; calyx attached.</li> <li>19. Muskmelon (1) - Shape should be uniform &amp; have a 1” stem.</li> <li>20. Watermelon (1) –Shape should be uniform &amp; have a 1” stem.</li> <li>21. Potatoes (16 specimens in peck basket) – Dig carefully with hands. Avoid oversized or odd shaped potatoes and those with corky patches, silvery or black spots and greening. Harvest a few days early to allow skin to toughen. Keep out of direct sunlight.</li> <li>22. “Salad Plate” (combination of 4 different types of vegetables) – Vegetables should be at the proper state of maturity (ripeness) which could be used in a salad.</li> <li>23. Any other Vegetable – Gourds (3), Broccoli (1 bunch), Cauliflower (1 head), Snow peas (6), Other vegetables (3 small/1 large). Contact Extension Office for exhibit guidelines.</li> <li>24. Odd-Shaped Vegetable – one vegetable of exhibitor’s choice.</li> <li>25. Most Creative Vegetable Exhibit – Must be made of fruits and vegetables, with the exception of pins &amp; toothpicks to hold the exhibit together.</li> <li>26. Strawberries- Exhibit one plant in a quart box.</li> <li>27. Grapes- Exhibit 3 bunches.</li> <li>28. Any Other Fruit- Plate of 5.</li> <li>29. Yearly Special Vegetable</li> </ol>
<p>#673 – Edible Landscapes</p> <p>Members enrolling in this project must purchase a project book each year they enroll in the project. \$8.00</p>	<ul style="list-style-type: none"> <li>• Projects will be evaluated by interview on Monday, August 12, beginning at 1:00 p.m. Entries must be checked by superintendent prior to exhibitor’s interview time.</li> <li>• Bring 1-3 fruit/vegetable samples (follow guidelines from project #291 for sample sizes) from your edible landscape to display.</li> </ul>	<p><i>Interview judging Monday, August 12 at 1:00pm.</i></p> <p><i>Completed project book must be brought to judging.</i></p> <p>30. Edible Landscapes</p>



PROJECT

#556 - Measuring Up - Level 1

*Members enrolling in this project may use the same project book for 1-3 years, but still must pay the enrollment fee (\$8.00). Recommended that members take this project one time only.*

See Woodworking Tool Rules insert in project book for list of tools that may be used.

**WOODWORKING PROJECTS**

EXHIBIT RULES

- **Project designed for inexperienced, first year woodworking members.**
- **Only hand tools should be used.**
- Member must work with a designated project helper.
- Members will set up shop, gather tools, practice measuring, square a board, cut a board, drill holes, use clamps, drive nails, use screws, make a butt joint, sand with a sanding block and build one or more simple projects.
- Recommended that this project be taken one time only.
- Class 30, Beginning Woodworking, is only for inexperienced, first year woodworkers. It is not recommended that members repeat this project. If however, a member has not mastered the materials in the book, they may repeat the project, but must exhibit in Class 31, Advanced Woodworking the second year.
- Must exhibit one project from plans in the back of the project book or from the project book insert.
- May also exhibit one other item in Entry 2, although it is not required. The second item should be built from a plan in the book or from another simple plan of similar difficulty. Project plans for Entry 2, if not from the book, must be brought to judging.
- This project is designed to help inexperienced woodworkers begin to develop basic woodworking skills. More advanced members should skip this project and begin with Project #557, Making the Cut.
- **No soil or plants permitted in the flower box.**

FAIR EXHIBIT

Class 30 - Beginning Woodworking  
ENTRY NUMBERS:

1. Measuring Up  
(Flower Box, Letter Holder, Picture Frame, Your Own Box, Airplane or Puzzling Rabbit)

**All members enrolled in project #556, Measuring Up (first year) are required to exhibit in entry 1 and must use the plans in the back of the project book, or the project inserts (Flower Box, Letter Holder, Picture Frame, Your Own Box, Airplane or Puzzling Rabbit).**

2. Any Other Exhibit, first year  
(Simple project of similar difficulty as those in the project book)

Entry 2 is optional: Members enrolled in project #556, Measuring Up, (first year) are allowed to enter a *second* exhibit in Entry 2. The Entry 2 exhibit must be made from another plan in the appendix of the project book, or from another simple plan of similar difficulty. Project plans from Entry 2, if not from the book, must be brought to judging.

Items will be judged on (1) fit of joints, (2) sanding, (3) finish, (4) proper selection of wood and finish, (5) knowledge of tools, (6) plans followed.

*Interview judging Tuesday morning, August 13  
Completed project book must be brought to judging.*

## PROJECT

#557 - Making the Cut - Level 2

(For members in grades 4 - 6)

#558 - Nailing it Together - Level 3

(For members in grades 6 - 8)

#559 - Finishing Up - Level 4

(For members in grades 9 - 12)

*Members enrolling in this project may use the same project book for 1-3 years, but still must pay the enrollment fee every year (\$8.00).*

#560M Woodworking Master

*Members enrolling in this project must download a book and pay the enrollment fee (\$8.00). [Ohio4h.org/booksresources](http://Ohio4h.org/booksresources)*

See Woodworking Tool Rules insert in project book for list of tools that may be used in each project book. The insert also includes a description of each entry number in Advanced Woodworking to help exhibitors enter their project correctly.

Size Restrictions:

1. Beds - only the head and/or foot boards may be exhibited at the Fair due to limited space. **Must** bring pictures of entire assembled project to the interview for the judge to examine. (Photos may be mounted on poster board and left with the project.)
2. Picnic Tables (and other lawn furniture) - should be no larger than 5' x 8'.
3. Other Large Projects - should be no higher than 8 feet and cover no more than 16 square feet of floor space.
4. Outdoor furniture may be displayed outdoors.
5. Any exhibit that has more than one piece (bed, table, & chairs, etc.) need to contact superintendent, Rich Ruess (419) 706-9612 about what to bring to display.

## EXHIBIT RULES

- Members should sign up for the woodworking project that fits their knowledge and experience. The suggested grades listed are only general guidelines because all members in the four projects compete in the same class at the fair. Projects should be selected based on knowledge and skill in woodworking.
- **Making the Cut** will practice measuring, cutting, drilling, sanding, using advanced hand tools and basic power tools, selecting an applicator, applying paints, using staples and glue and understanding warping and shrinking.
- **Nailing it Together** will practice measuring angles, enlarging a woodworking plan, making a dado joint, using a circular saw and table saw, smoothing lumber with a hand plane, using dowels to join wood, sanding with a power sander and steel wool and experimenting with stains.
- **Finishing Up** practice developing a plan; using a router, portable planer and jointer; making a blind mortise and tenon joint; making dovetail joints and conducting experiments with adhesives and strippers.
- **Woodworking Master** is for advanced members who want to continue after completing all other woodworking projects and can plan and complete the project with minimal supervision.
- Member should work with a designated project helper.
- Enter Class 31 - Advanced Woodworking
- Not required to make project from plans in the book.
- Limit of two entries per exhibitor, one entry per entry number.
- All items should be described on the Fair Entry where it says "Breed of Animal/Article Made/Variety of Grain (example: Nightstand, 15" x 18" x 24")
- Diagrams or plans used in construction should be brought to judging.
- Do not bring glass shelves to the fair with the exhibit. Projects with glass shelves should include a picture of the completed project, including the shelves. Members may bring one shelf with them for their interview, but the shelf may not remain at the fair.
- FFA members entering woodworking projects should sign up for Class 43 - FFA Woodworking.

## FAIR EXHIBIT

*Interview judging Tuesday morning, August 13.*

*Completed project book must be brought to judging.*

*Diagrams or plans should be brought to judging.*

Class 31 - Advanced Woodworking

ENTRY NUMBERS:

1. Furniture - All furniture (desk, entertainment center, cedar chest, end table, nightstand, cradle, etc.)
2. Large Article - Larger than 18" x 18" x 18" (larger than 5,832 cubic inches); quilt rack, clock, lamp, picture frame, wastebasket, stand, cart, toy box, pet playground, showcase, hat rack, coat rack, plaque and simple shelves/shelving units without a back containing one or more shelves; This is an exclusive list - all items not listed will be placed into other categories. Type of finish is choice of exhibitor.
3. Outdoor Furniture/Equipment/Fixtures - Picnic table, doghouse, animal fitting & showing equipment, fancy birdhouse, bat house, playground equipment, signpost, etc.
4. Corn Hole Boards - Exhibit one set of corn hole boards.
5. Workshop Equipment - Stepladder, sawhorse (bring 1 only), creeper, nail or tool tray, concrete float, etc.)
6. Simple Bird House/Feeding Station - Simple birdhouse, simple bird feeding station, squirrel feeder, hummingbird feeder, etc.
7. Footstools - Footstools and one-step step stools.
8. Small Article - 18" x 18" x 18" or smaller (5,832 cubic inches or smaller). Type of finish is choice of exhibitor.

PROJECT INFORMATION

Members enrolling in photography projects must purchase the project book the first year they take the project (\$14.00) and pay a \$8.00 enrollment fee if using the same book for more than one year.

Members are encouraged to take each project book multiple years. Each experiment should be repeated until mastered, before moving on.

Photography Clinic

Tuesday, March 19, 2024, from 7:00-8:15 p.m. at the Fair Grounds Secretary's Office

All members are welcome. Please bring your camera! The clinic will cover camera basics and more advanced camera use. It will be an opportunity to ask questions and get an understanding of the photography project.

**PHOTOGRAPHY PROJECTS**

GENERAL EXHIBIT RULES

- Must have access to a camera (phone or Digital Single Lens Reflex-DSLR camera).
- All entries will be evaluated on storytelling ability, quality of the picture, how the picture is mounted, captions, layout and knowledge.
- No exhibitor shall be in more than one entry.
- Entries may be black and white or color prints.
- Any projects which are matted must be framed or equipped for hanging, or project will be stapled up. No foam boards or display boards.
- Classes may be broken down into extra entry numbers, depending on the number of exhibits.
- Photo story posters should have at least three pictures and must be labeled. NO FOAM BOARDS or display boards. It is recommended to mount photos using liquid glue and photo corners.
- Name of exhibitor and 4-H club name should be on the back of the posters.
- These are comprehensive projects and should take more than one year to master all activities in the book.
- Must complete at least 2 activities in each area, along with the Talking It Over activity each year.
- Different activities should be selected each year.
- Pictures are on public display and should be family oriented and in good taste

FAIR EXHIBIT INFORMATION

*Interview judging Monday morning, August 12. Project book with completed activities and photo journal pictures must be brought to judging.*

If exhibiting a photo story:

-Members taking a photography project for the first year MUST make a photo story. All other can do a photo story OR a mounted photo.

-A "photo story" consists of at least 3 prints (4"x6", 3"x5" or 5"x7"), with labels, mounted on one poster board that does not exceed 22" x 28". No foam boards or display boards. **NOTE: Anything other than a single frame photo constitutes a photo story and MUST be labeled.**

If exhibiting a mounted print:

May exhibit one print mounted at the discretion of the exhibitor (except first year members in Focus on Photography, who must do a photo story). The use of a border or matting is recommended, but not required. If entry is an enlargement, exhibitor must bring the original print for the judge to examine. Display may be framed for exhibit.

All enlargements must be approximately 8" x 10".

If exhibiting a news story:


A "news story" shall include the original photo and published article and shall be mounted on a poster board, not over 22" x 28".

**Exhibits should be patterned after these Fair Exhibit descriptions, not the project book suggestions!**

<u>PROJECT</u>	<u>EXHIBIT RULES</u>	<u>FAIR EXHIBIT</u>
<p>#584- Photography Basics, Book 1</p> <p><b>\$14.00 book</b></p> <p>Note: Any exhibitors who wish to try out for state fair should bring a matted enlargement of their best print to the extension office Friday, July 19, 2024 for State Fair Selections. Call to make an appointment.</p>	<ul style="list-style-type: none"> <li>• Beginning level book. Having access to a camera (phone or DSLR – Digital Simple Lens Reflex camera) is essential, as well as deciding how and where to store the photos you will take during the project.</li> <li>• Members are encouraged to take this project multiple years.</li> <li>• Must complete at least 2 activities in each area, plus the Talking it Over activity.</li> </ul>	<p>Class 32 - Photography</p> <p>ENTRY NUMBERS:</p> <ol style="list-style-type: none"> <li>1. Photography Basics (First Year) <b>(Photo story only! Must be on poster board)</b></li> <li>2. Photography Basics (Second year &amp; beyond) (Photo story or mounted print)</li> </ol> <p><b><u>Photography Clinic</u></b> Tuesday, March 19, 2024, from 7:00- 8:15 p.m. at the Fairgrounds Secretary's Office</p>
<p>#585- Next Level Photography, Book 2</p> <p><b>\$14.00 book</b></p> <p>Note: Any exhibitors who wish to try out for state fair should bring a matted enlargement of their best print to the extension office Friday, July 19, 2024 for State Fair Selections. Call to make an appointment.</p>	<ul style="list-style-type: none"> <li>• Intermediate level book. Having access to a camera (phone, DSLR) is essential, as well as deciding how and where to store the photos you will take during the project.</li> <li>• Digital pictures may be manipulated (red eye removal, cropping, brightness). May not include manipulation of subject matter.</li> <li>• Projects may be framed for exhibit.</li> <li>• Members are encouraged to take this project multiple years</li> <li>• Must complete at least 2 activities in each area, plus the Talking It Over activity.</li> </ul>	<ol style="list-style-type: none"> <li>3. Next Level Photography (First Year)</li> <li>4. Next Level Photography (Second Year and Beyond)</li> </ol> <p>(Photo story or mounted print)</p> <p><b><u>Photography Clinic</u></b> Tuesday, March 19, 2024, from 7:00- 8:15 p.m. at the Fairgrounds Secretary's Office</p>
<p>#586 - Mastering Photography, Book 3</p> <p><b>\$14.00 book</b></p> <p>Note: Any exhibitors who wish to try out for state fair should bring a matted enlargement of their best print to the extension office Friday, July 19, 2024 for State Fair Selections. Call to make an appointment.</p>	<ul style="list-style-type: none"> <li>• Advanced level book. Having access to a camera (phone or DSLR) is essential, as well as deciding how and where to store the photos you will take during the project.</li> <li>• Digital pictures may be manipulated (red eye removal, cropping, brightness). May not include manipulation of subject matter.</li> <li>• Projects may be framed for exhibit.</li> <li>• Members are encouraged to take this project multiple years.</li> <li>• Must complete at least 2 activities in each area, plus the Talking it Over activity.</li> </ul>	<ol style="list-style-type: none"> <li>5. Mastering Photography</li> </ol> <p>(Photo story or mounted print)</p> <p><b><u>Photography Clinic</u></b> Tuesday, March 19, 2024, from 7:00- 8:15 p.m. at the Fairgrounds Secretary's Office</p>
<p>#589M- Photography Master</p> <p>Note: Any exhibitors who wish to try out for state fair should bring a matted enlargement of their best print to the extension office Friday, July 19, 2024 for State Fair Selections. Call to make an appointment.</p>	<p>Advanced level book. Having access to a camera (phone or DSLR) is essential, as well as deciding how and where to store the photos you will take during the project.</p> <ul style="list-style-type: none"> <li>• Digital pictures may be manipulated (red eye removal, cropping, brightness). May not include manipulation of subject matter.</li> <li>• Projects may be framed for exhibit.</li> <li>• Members are encouraged to take this project multiple years.</li> <li>• Must complete at least 2 activities in each area.</li> </ul>	<ol style="list-style-type: none"> <li>6. Photography Master</li> </ol> <p>(Photo story or mounted print)</p> <p><b><u>Photography Clinic</u></b> Tuesday, March 19, 2024, from 7:00- 8:15 p.m. at the Fairgrounds Secretary's Office</p>

<p><b>PROJECT</b></p> <p>#611-Explore the Outdoors</p> <p><i>Members enrolling in this project must purchase a project book each year they take the project. (\$8.00)</i></p>	<p><b>CONSERVATION OF NATURAL RESOURCES PROJECTS</b></p> <p><u>EXHIBIT RULES</u></p> <ul style="list-style-type: none"> <li>• Prepare an educational exhibit based on activities in the project book.</li> </ul> <p>NOTE: Bird nests &amp; bird feathers may not be used in displays.</p>	<p><u>FAIR EXHIBIT</u></p> <p>Class 33 – Conservation of Natural Resources</p> <p><u>ENTRY NUMBERS:</u></p> <p>1. Explore the Outdoors</p> <p><i>Interview judging Monday morning, August 12. Completed project book must be brought to judging.</i></p>
<p>#612-Geology: Can You Dig It?</p> <p><i>Members enrolling in this project must purchase a project book each year they take the project (\$8.00).</i></p>	<ul style="list-style-type: none"> <li>• Prepare an educational exhibit based on activities in the project book.</li> </ul>	<p>2. Geology: Can You Dig It?</p> <p><i>Interview judging Monday morning, August 12. Completed project book must be brought to judging.</i></p>
<p>#613 – Exploring Polar Science</p> <p><i>Members enrolling in this project must purchase a project book each year they take the project. (\$8.00)</i></p>	<ul style="list-style-type: none"> <li>• Prepare an educational exhibit based on activities in the project book.</li> </ul>	<p>3. Exploring Polar Science</p> <p><i>Interview judging Monday morning, August 12. Completed project book must be brought to judging.</i></p>
<p>#617 – Exploring Ponds</p> <p><i>Members enrolling in this project must purchase a project book each year they take the project. (\$8.00)</i></p>	<ul style="list-style-type: none"> <li>• Prepare an educational exhibit based on activities in the project book.</li> </ul>	<p>4. Exploring Ponds</p> <p><i>Interview judging Monday morning, August 12. Completed project book must be brought to judging</i></p>
<p>#620 - Why Trees Matter</p> <p><i>Members enrolling in this project must purchase a project book each year they take the project. (\$8.00)</i></p>	<ul style="list-style-type: none"> <li>• Prepare an educational exhibit based on activities in the project book.</li> </ul>	<p>5. Why Trees Matter</p> <p><i>Interview judging Monday morning, August 12. Completed project book must be brought to judging.</i></p>

<u>PROJECT</u>  #621-Ohio Birds  <i>Members enrolling in this project the first time must purchase a project book (\$11.00). If enrolling in the project for the second year, you may use the same project book, but still must pay the enrollment fee (\$8.00).</i>	<u>EXHIBIT RULES</u>  <ul style="list-style-type: none"> <li>• Prepare an educational exhibit based on activities in the book.</li> <li>• This book is designed as a two-year project. Members taking this project for the first time complete the first part of the book (pages 1-32). Members taking the project for the second year complete the back portion of the book (pages 38-59). Complete entire book if trying out for state fair.</li> </ul>	<u>FAIR EXHIBIT</u>  6. Ohio Birds  NOTE: Bird nests & bird feathers may not be used in exhibits.  <i>Interview judging Monday morning, August 12. Completed project book must be brought to judging.</i>
#622-Trapping Muskrats in Ohio  <i>Members enrolling in this project may use the same project book for 1-2 years, but still must pay the enrollment fee (\$8.00) each year.</i>	<ul style="list-style-type: none"> <li>• Prepare an educational exhibit based on activities in the book.</li> <li>• Exhibit may not include leghold or body gripper traps.</li> <li>• First year exhibitors must bring their essay.</li> <li>• Second year and beyond exhibitors must bring their trapping records.</li> <li>• First year exhibitors must complete Level 1 (pages 3-24).</li> <li>• Second year exhibitors must complete Level 2 (pages 3-4 and 25-39).</li> <li>• Exhibitors have the option of completing both levels in the same year. Complete entire book if trying out for state fair.</li> </ul>	12.Trapping Muskrats in Ohio  A box trap made from plans in the book may be displayed as <b>part</b> of an educational exhibit. A box trap alone does not constitute an educational display.  <i>Interview judging Monday morning, August 12. Completed project book must be brought to judging.</i>
#623-Outdoor Adventurer: Beginning Fishing  #624-Outdoor Adventurer: Intermediate Fishing  <i>Members enrolling in these projects must purchase a project book each year they take the project. (\$8.00)</i>	<ul style="list-style-type: none"> <li>• Same exhibit guidelines for both projects: Prepare an educational exhibit based on something you learned in the project.</li> <li>• No fishhooks may be used in the educational display.</li> <li>• Make sure fishing lures, sinkers, etc. are firmly attached.</li> </ul>	13. Outdoor Adventurer: Beginning Fishing 14. Outdoor Adventurer: Intermediate Fishing  <i>Interview judging Monday morning, August 12. Completed project book must be brought to judging.</i>

<u>PROJECT</u>	<u>EXHIBIT RULES</u>	<u>FAIR EXHIBIT</u>
<p>#641-Beekeeping Project and Record Book</p> <p><i>Members enrolling in this project must purchase a project book each year they take the project (\$8.00).</i></p>	<ul style="list-style-type: none"> <li>• Those interested in learning about beekeeping or beginning beekeepers may exhibit an educational display.</li> <li>• Advanced beekeepers exhibit an educational display <b>which includes</b> one pound of strained honey or one comb of honey.</li> <li>• Contact the Extension Office to get connected with a beekeeping mentor.</li> </ul>	<p>7. Beginning Beekeeping (educational display) 8. Advanced Beekeeping (educational display, <b>which includes</b> a pound of strained honey or a comb of honey)</p> <p><i>Interview judging Monday morning, August 12. Completed project book must be brought to judging.</i></p>
<p>#644-Insect Adventures 1 #645-Insect Adventures 2 #646-Insect Adventures 3</p> <p><i>Members enrolling in any of these projects must purchase a project book each year they take the project (\$8.00).</i></p> <p>#644R Insect Collection Guide</p> <p><i>Please visit <a href="http://ohio.4h.org/insects">ohio.4h.org/insects</a> for a list of suggested resources.</i></p>	<ul style="list-style-type: none"> <li>• Exhibit one glass display case of specimens collected, with labels, including: 644 Insect Adventures 1 – 30 specimens 645 Insect Adventures 2 – 40 specimens 646 Insect Adventures 3 – 50 specimens</li> <li>• Specimens must be killed and preserved prior to being put in the display case and brought to the fair.</li> <li>• <b>NO LIVE INSECTS!</b></li> <li>• Bring completed project book to judging</li> </ul>	<p>9. Insect Adventures, Level 1 10. Insect Adventures, Level 2 11. Insect Adventures, Level 3</p> <p><i>Interview judging Monday morning, August 12. Completed project book must be brought to judging.</i></p>
<p>#644R – Insect Collection Guide - \$8.00</p> <p><i>Members enrolling in any of the Insect Adventures projects must purchase this collection guide.</i></p> <p>Please visit <a href="http://ohio4h.org/insects">ohio4h.org/insects</a> for a list of suggested resources.</p> <ul style="list-style-type: none"> <li>• This how-to resource guides you through collecting insects, what to pin and what to point, spreading butterflies and displays.</li> </ul>		

<p>#630-Safe Use of Guns</p> <p><i>Members enrolling in this project must purchase a project book each year they take the project (\$8.00).</i></p>	<ul style="list-style-type: none"> <li>• Prepare an educational exhibit on <b>gun safety</b>. May include parts of gun in your safety display.</li> <li>• Do not do a poster just on parts of a gun.</li> <li>• No live ammunition may be used; spent shells are acceptable.</li> <li>• Members are encouraged to take a Hunter Education Course.</li> </ul>	<p>14. Safe Use of Guns</p> <p><i>Interview judging Monday morning, August 12. Completed project book must be brought to judging.</i></p>
<p>#631-Basic Archery</p> <p><i>Members enrolling in this project must purchase a project book each year they take the project. (\$8.00)</i></p>	<ul style="list-style-type: none"> <li>• Prepare an educational exhibit based on your project.</li> <li>• Exhibit must include <b>archery safety</b>.</li> <li>• Bows and arrows are not permitted in exhibits.</li> </ul>	<p>16. Basic Archery</p> <p><i>Interview judging Monday morning, August 12. Completed project book must be brought to judging.</i></p>
<p>Project</p> <p>#750- Rifle Member Record Book #751- Archery Member Record Book #752- Shotgun Member Record Book #753- Pistol Member Record Book #754- Hunting and Wildlife Member Record Book #755- Muzzleloader Member Record Book #756- Living History Member Record Book #757- Crossbow Member Record Book #758- Western Heritage Project</p>	<p>These projects may only be taken under the guidance of Ohio 4-H Certified Shooting Sports Instructors. <b><u>Huron County does not have any active shooting sports instructors, so these projects are not available in our county.</u></b></p> <p>Members may enroll in these projects but must complete the project requirements in a neighboring county. Contact the Extension Office at (419) 668-8219 for more information.</p>	<p>17. Shooting Sports</p>



<b>AEROSPACE &amp; ROBOTICS PROJECTS</b>		
<p><u>PROJECT</u></p> <p>#501- Rockets Away (Two-liter bottle rockets)</p> <p>#503 - Rockets Away (Solid-fuel model rockets)</p> <p><i>Members enrolling in these projects must purchase a project book each year they take the project (\$8.00)</i></p> <p>#503- Solid-Fuel Rocketry Master</p> <p><i>Members enrolling in this projects must download a project book and pay the enrollment fee each year they take the project (\$8.00)</i> Ohio4h.org/booksresources</p> <p><b>A rocket launcher for 2-liter bottle rockets may be borrowed from the Extension Office on a first-come, first-served basis.</b></p>	<p><u>EXHIBIT RULES</u></p> <ul style="list-style-type: none"> <li>• Sections I and II in project books for #501 &amp; #503 are the same.</li> <li>• Exhibitors who enroll in Project 501 complete the project using 2-liter bottle rockets.</li> <li>• Project 503 completes the project using Solid-fuel model rockets. These rockets <b>MUST</b> be built from a kit, that the members family is responsible for purchasing, and must be launched at least 4 times and the data recorded on pages 19-22.</li> <li>• Project 501 must purchase or borrow a 2-liter bottle rocket launcher. Cost ranges from \$40.00 - \$225.00. <b>Launcher may be borrowed from the Extension Office; call (419) 668-8219.</b></li> <li>• Project 503M is for members who have completed project 503-Rockets Away! This is an advanced project.</li> <li>• No pre-assembled models permitted.</li> <li>• Exhibit one rocket only. If rocket is too damaged from launching to display, you may build another rocket to display or bring an educational exhibit on Sunday to leave at the fairgrounds and bring the damaged rocket to judging.</li> <li>• Exhibitor may only enroll in one Rocket project each year.</li> <li>• Ignitor must be removed when displaying solid-fuel model type rockets.</li> </ul> <p style="text-align: center;"><a href="http://www.ohio4h.org/rocketry">www.ohio4h.org/rocketry</a></p>	<p><u>FAIR EXHIBIT</u></p> <p>Class 34 - Aerospace &amp; Robotics ENTRY NUMBERS:</p> <ol style="list-style-type: none"> <li>1. Solid-Fuel Model Rockets - First Year</li> <li>2. Solid-Fuel Model Rockets - Second Year and Beyond</li> <li>3. 2-liter Bottle Rockets - First Year</li> <li>4. 2-liter Bottle Rockets - Second Year and Beyond</li> <li>5. Solid-Fuel Rocketry Master</li> </ol> <p><i>Interview judging Tuesday morning, August 13</i> <i>Completed project book must be brought to judging</i></p>
<p>#502-Science Fun with Flight</p> <p><i>Members enrolling in this project must purchase a project book each year they take the project (\$8.00)</i></p>	<ul style="list-style-type: none"> <li>• Bring experimental glider from the book to judging.</li> <li>• Exhibit one model airplane (plastic or wood) OR an exhibit showing something you learned from the project.</li> </ul>	<p>6. Science Fun with Flight</p> <p><i>Interview judging Tuesday morning, August 13.</i> <i>Completed project book and experimental glider must be brought to judging.</i></p>

<p><u>PROJECT</u></p> <p>#509 Robotics Essentials</p> <p><b><u>This is a very expensive project, kits cost over \$400.</u></b> Go to <a href="http://www.ohio4h.org/robotics">www.ohio4h.org/robotics</a> for details.</p> <p>NOTE: Families may share a kit, but each member must purchase and complete own book and display.</p> <p><i>Members enrolling in this project must purchase a project book each year they take the project. (\$8.00)</i></p>	<p><u>EXHIBIT RULES</u></p> <ul style="list-style-type: none"> <li>• Each member enrolled in the project needs a project helper.</li> <li>• Projects are based on LEGO® Education Spike™ Prime (\$399.95) and VEX IQ (\$449.00) kits.</li> <li>• Members enrolled in the project should visit the 4-H robotics website at <a href="http://www.ohio4h.org/robotics">www.ohio4h.org/robotics</a> for additional information and to purchase a kit. Purchase one of the educational kits listed. Other kits are not the same.</li> <li>• If a member already has a LEGO MINDSTORMS® NXT kit, they need to enroll in #512M Robotics Master.</li> <li>• A computer for running the programming software and internet access for watching videos is required.</li> <li>• Prepare an educational exhibit based on something you learned in the project.</li> </ul>	<p><u>FAIR EXHIBIT</u></p> <p>7. Robotics Essentials</p> <p>Visit <a href="http://www.ohio4h.org/robotics">www.ohio4h.org/robotics</a> for links to purchase robotics kits.</p> <ul style="list-style-type: none"> <li>• Complete all activities in project book.</li> <li>• Robot is not brought to fair until judging on Tuesday.</li> <li>• <b>Robot must be brought to judging, but MAY NOT be part of the educational exhibit.</b></li> <li>• Educational exhibit should be a poster, photo album, scrap book, etc.</li> <li>• Be prepared to demonstrate what your robot can do for the judge.</li> </ul> <p><i>Interview judging Tuesday morning, August 13. Completed project book and robot must be brought to judging</i></p>
<p>#512M Robotics Master</p> <p><b><u>This is a very expensive project, kits cost over \$400.</u></b> Go to <a href="http://www.ohio4h.org/robotics">www.ohio4h.org/robotics</a> for details.</p> <p>NOTE: Families may share a kit, but each member must purchase and complete own book and display.</p> <p><i>Members enrolling in this project must download a project book and pay the enrollment fee each year they take the project. (\$8.00) <a href="http://www.ohio4h.org/robotics">www.ohio4h.org/robotics</a></i></p>	<ul style="list-style-type: none"> <li>• This project is for members with previous robotics skill, above the Robotics Essentials skills.</li> <li>• A LEGO MINDSTORMS® NXT kit may be used for this project if already purchased.</li> <li>• Members enrolled in the project should visit the 4-H robotics website at <a href="http://www.ohio4h.org/robotics">www.ohio4h.org/robotics</a> for additional information and to purchase a kit. Purchase one of the educational kits listed. Other kits are not the same.</li> <li>• A computer for running the programming software and internet access for watching videos is required.</li> <li>• Prepare an educational exhibit based on something you learned in the project.</li> </ul>	<p>8. Robotics Master</p> <p>Visit <a href="http://www.ohio4h.org/robotics">www.ohio4h.org/robotics</a> for links to purchase robotics kits.</p> <ul style="list-style-type: none"> <li>• Complete all activities in project book.</li> <li>• Robot is not brought to fair until judging on Tuesday.</li> <li>• <b>Robot must be brought to judging, but MAY NOT be part of the educational exhibit.</b></li> <li>• Educational exhibit should be a poster, photo album, scrap book, etc.</li> <li>• Be prepared to demonstrate what your robot can do for the judge.</li> </ul> <p><i>Interview judging Tuesday morning, August 13. Completed project book and robot must be brought to judging</i></p>

<p><b>PROJECT</b></p> <p>#517 - Bicycling for Fun, Level 1 #518 - Wheels in Motion, Level 2</p> <p><i>Members enrolling in these projects may use the same project book for 1-2 years, but still must pay the enrollment fee (\$8.00) each year.</i></p>	<p align="center"><b>MISCELLANEOUS OUTDOOR PROJECTS</b></p> <p><b>EXHIBIT RULES</b></p> <ul style="list-style-type: none"> <li>Fair exhibit guidelines are the same for both bicycle projects: Prepare an educational exhibit depicting one of the activities from the book.</li> <li>Must complete at least seven activities.</li> <li>Each project may be taken for up to 2 years; activities the second year must be different from the ones completed the first year.</li> </ul>	<p><b>FAIR EXHIBIT</b></p> <p>Class 35 - Miscellaneous Outdoor Projects</p> <p><b>ENTRY NUMBERS:</b></p> <ol style="list-style-type: none"> <li>Bicycling for Fun, Level 1</li> <li>Wheels in Motion, Level 2</li> </ol> <p><i>Interview judging Monday morning, August 12. Completed project book (at least 7 activities) must be brought to judging.</i></p>
<p>#540 - Not Just Knots</p> <p><i>Members enrolling in this project must purchase the project book each year they take the project. (\$8.00)</i></p>	<ul style="list-style-type: none"> <li>First year in project: Prepare a knot board with <u>10</u> knots.</li> <li>Knot board size is limited to no larger than 24" x 24".</li> <li>Knot board must be wood, not cardboard.</li> <li>Second year and beyond: Prepare a capstone project as explained in the project book with samples on the website.</li> <li><i>Members must be prepared to tie knots for the judge!</i></li> </ul>	<p>www.ohio4h.org/knots</p> <ol style="list-style-type: none"> <li>Knots - First Year Exhibitor (24" x 24" board, or smaller, with 10 knots)</li> <li>Knots - Second Year and Beyond Exhibitor</li> </ol> <p><i>Interview judging Monday morning, August 12. Completed project book must be brought to judging.</i></p>
<p>#500 - Science Fun with Physics</p> <p><i>Members enrolling in this project must purchase a project book each year they take the project. (\$8.00)</i></p>	<ul style="list-style-type: none"> <li>Complete all 12 experiments.</li> <li>Write a project review (page 6 in book).</li> <li>Prepare an educational exhibit explaining one of the experiments in the book.</li> </ul>	<ol style="list-style-type: none"> <li>Science Fun with Physics</li> </ol> <p><i>Interview judging Monday morning, August 12. Completed project book must be brought to judging.</i></p>

<p><b>PROJECT</b></p> <p>#091 - Discovering 4-H Beginning level project.</p> <p><i>Members enrolling in this project must purchase a project book the year they take the project. (\$8.00)</i></p>	<p><b>EXHIBIT RULES</b></p> <ul style="list-style-type: none"> <li>Prepare an educational exhibit that shows something you learned in the project.</li> <li>All Outstanding Projects receive recognition.</li> <li><b>MUST BE AGES 8-10 and FIRST YEAR IN 4-H</b></li> </ul>	<p><b>FAIR EXHIBIT</b></p> <ol style="list-style-type: none"> <li>Discovering 4-H</li> </ol> <p><b><u>This project may only be taken one time!!!</u></b></p> <p><i>Interview judging Monday morning, August 12. Completed project book must be brought to judging.</i></p>
<p>#092- 4-H Around the Globe Intermediate level project.</p> <p><i>Members enrolling in this project must purchase a project book the year they take the project. (\$8.00)</i></p>	<ul style="list-style-type: none"> <li>Prepare an educational exhibit that shows something you learned in the project.</li> <li>All Outstanding Projects receive recognition.</li> </ul>	<ol style="list-style-type: none"> <li>4-H Around the Globe</li> </ol> <p><i>Interview judging on Monday morning, August 12. Completed project book must be brought to judging.</i></p>

<p><b><u>PROJECT</u></b></p> <p>#370 – Mentoring: Leadership in Action  #371 - Club Leadership 1  #383 – Club Leadership 2  #372 - Diversity: The Source of Our Strength  #373 - My Hands to Larger Service  #374 - Teens on Board  #375 - Leadership Road Trip  #376 – Pantry Panic</p> <p><i>Members enrolling in any of these projects must purchase that project book each year they take the project. (\$8.00)</i></p>	<p><b>LEADERSHIP &amp; CITIZENSHIP PROJECTS</b></p> <p><b><u>EXHIBIT RULES</u></b></p> <ul style="list-style-type: none"> <li>• Fair exhibit guidelines for all leadership projects are the same: Prepare an exhibit depicting something learned in the project.</li> <li>• #371, #374 and #375 are intermediate level projects.</li> <li>• #370, #372, #373, #376, and #383 are advanced level projects.</li> </ul>	<p><b><u>FAIR EXHIBIT</u></b>  Class 36 - Leadership and Citizenship  <b>ENTRY NUMBERS:</b></p> <ol style="list-style-type: none"> <li>1. Mentoring: Leadership in Action</li> <li>2. Club Leadership 1</li> <li>3. Club Leadership 2</li> <li>4. Diversity: The Source of Our Strength</li> <li>5. My Hands to Larger Service: Teen Leaders Building Our Communities</li> <li>6. Teens on Board</li> <li>7. Leadership Road Trip: Where Are You Going?</li> <li>8. Pantry Panic</li> </ol> <p><i>Interview judging Monday morning, August 12. Completed project book must be brought to judging.</i></p>
<p>#377 - Finding Your Voice</p> <p><i>Members enrolling in this project must purchase a project book each year they take the project. (\$8.00)</i></p> <p>#378M Leadership Master</p> <p><i>Members enrolling in this project must download a project book and pay the enrollment fee each year they take the project. (\$8.00).</i>  Ohio4h.org/booksresources</p>	<ul style="list-style-type: none"> <li>• Prepare an educational exhibit showing something learned in the project.</li> <li>• #377 - Finding Your Voice is a beginning level project.</li> <li>• #378- Leadership Master is an advanced level project.</li> <li>• Members have previous leadership experience and are able to plan and complete this project with minimal supervision.</li> <li>• Prepare an educational exhibit showing something learned in the project.</li> </ul>	<ol style="list-style-type: none"> <li>9. Finding Your Voice: Public Speaking Made Easy</li> <li>10. Leadership Master</li> </ol> <p><i>Interview judging Monday morning, August 12. Completed project book must be brought to judging.</i></p>
<p>#382 - Am I Ready for Work?  #386 – You’re Hired!  #387 - Here, There, Ag Careers Are Everywhere</p> <p><i>Members enrolling in any of these projects must purchase a project book each year they take the project. (\$8.00)</i></p>	<ul style="list-style-type: none"> <li>• Prepare an educational exhibit showing something learned in the project.</li> <li>• Complete all project activities.</li> </ul>	<ol style="list-style-type: none"> <li>11. Am I Ready for Work?</li> <li>12. You’re Hired!</li> <li>13. Here, There, Ag Careers Are Everywhere</li> </ol> <p><i>Interview judging Monday morning, August 12. Completed project book must be brought to judging.</i></p>

<p><u>PROJECT</u> #365 – Self-Determined</p> <p>Includes all self-determined projects that cannot be judged elsewhere (not crops and pets, which will be judged with their corresponding projects)</p> <p><i>Members enrolling in this project must purchase a project booklet each year they take the project. (\$8.00)</i></p> <p>1-year limit with same topic, unless the Extension Office gives approval prior to April 15, then a second year may be completed.</p>	<p style="text-align: center;"><b>SELF-DETERMINED PROJECTS</b></p> <p><u>EXHIBIT RULES</u></p> <ul style="list-style-type: none"> <li>• Project intended for members who want to explore an area or topic for which there is no project. Several Idea Starters are available on-line at ohio4h.org/self-determined.</li> <li>• Members design and research their own project.</li> <li>• Must indicate topic when enrolling in project.</li> <li>• <b>Project plan insert in Self-Determined project booklet is due in the Extension Office by April 15. Failure to turn in the project plan will make exhibitor ineligible to place.</b></li> <li>• Completed project summary from the project booklet must be brought to judging.</li> <li>• <b><u>A project summary paragraph must be included in the display with the exhibit to explain the project focus to fairgoers.</u></b></li> </ul> <p>Exhibit must be a standard poster, display board or a display.</p>	<p><u>FAIR EXHIBIT</u> Class 37- Self-Determined ENTRY NUMBERS</p> <p>6. Self-Determined (Display must include a project summary paragraph)</p> <p><i>Interview judging on Monday morning, August 12. Completed project plan and project information summary sheet must be brought to judging.</i></p> <p>NOTE: Members needing assistance with their project plan may call the Extension Office (419/668-8219).</p> <p>Refurbished Equipment: Displays should be a poster or scrapbook showing before/after pictures, NOT the actual equipment. FFA members entering refurbished power equipment should sign up for Class 47- FFA Refurbished Power Equipment/Vehicles.</p>
<p>#244 - From Airedales to Zebras, Level 1 #245 - All Systems Go! Level 2 #246 - On the Cutting Edge, Level 3</p> <p><i>Members enrolling in these projects may use the same project book for 1-3 years, but still must pay the enrollment fee (\$8.00) each year.</i></p>	<p style="text-align: center;"><b>VETERINARY SCIENCE PROJECTS</b></p> <ul style="list-style-type: none"> <li>• Members enrolling in Veterinary Science projects for the first time are encouraged to enroll in #244 - From Airedales to Zebras, unless an older member.</li> <li>• Fair exhibit guidelines are the same for all three projects: Prepare an educational exhibit showing what you learned from the project in which you are enrolled.</li> </ul> <p>Members taking the same Veterinary Science project for more than 1 year must expand their knowledge and activities each year.</p>	<p>Class 38 - Veterinary Science ENTRY NUMBERS:</p> <ol style="list-style-type: none"> <li>1. Airedales to Zebras, Level 1</li> <li>2. All Systems Go! Level 2</li> <li>3. On the Cutting Edge, Level 3</li> </ol> <p>Preserved specimens are permitted at judging only.</p> <p><i>Interview judging Monday morning, August 12. Completed project book must be brought to judging.</i></p>

<p><u>PROJECT</u></p>	<p style="text-align: center;"><b>OTHER HORSE PROJECTS</b></p> <p><u>EXHIBIT RULES</u></p>	<p><u>FAIR EXHIBIT</u></p>
<p>#173 - Horseless Horse</p> <p><i>Members enrolling in this project may use the project book for 3 years but must enroll in the project and pay the fee each year. (\$8.00)</i></p>	<ul style="list-style-type: none"> <li>• The project book is lengthy and designed to be used for 1-3 years.</li> <li>• Members may not be enrolled in a regular horse project.</li> <li>• Members must prepare a <u>regular posterboard</u>, 22" x 28" (no foam boards, wood boards, etc.), about horses, showing something that they learned from their project.</li> <li>• <u>Posters must be turned in at the Junior Fair Office on August 11 from 10:00 a.m. - 3:00 p.m. (not the Miscellaneous Building)</u></li> <li>• Judging will be by interview</li> <li>• An interview schedule will be posted when posters are turned in.</li> <li>• Posters will be displayed in the Miscellaneous Building at the fair after judging on Monday.</li> <li>• <b>All</b> Guidelines on pg. 3 of the book <b>must</b> be followed each year the project is taken.</li> </ul>	<p>Class 156 - Other Horse Programs (Under Saddle Horse Department) ENTRY NUMBER:</p> <p>89. Horseless Horse</p> <p><i>Interview judging will be Monday morning, August 12 starting at 9:00am in the Auctioneer G.A. Pickworth Judging Pavilion.</i></p> <p><i>An interview schedule will be available at the Junior Fair Office when posters are turned in on Sunday.</i></p> <p><i>Project book must be brought to judging.</i></p>
<p>#187-Roping (\$8.00) *New in 2024</p> <p><i>Member must purchase a project book the first year they enroll in the project. This project can be completed as a still project without a horse.</i></p>	<ul style="list-style-type: none"> <li>• This project may be taken as a horse project or a still project.</li> <li>• Members enrolled as a still project will create an educational display about something they learned in the project.</li> <li>• Members must enroll in the Roping project in order to participate in the roping class at the fair.</li> <li>• The roping class is mandatory for horse projects and optional for still projects. If taking it as a still project, members will indicate on their Fair Entry if they wish to participate in the roping class at the fair.</li> <li>• Huron County only offers ground roping, no mounted roping.</li> </ul>	<p>41. Roping (Still)</p> <p><i>Interview judging Monday morning, August 12. Completed project book must be brought to judging.</i></p>

<u>PROJECT</u>	<b>POWER EQUIPMENT PROJECTS</b>	
<p>#541 - Crank It Up, Level 1- \$8.00</p> <p>#542-Warm It Up, Level 2- \$8.00</p> <p>#543 - Tune It Up, Level 3- \$8.00</p> <p><i>Members enrolling in this project may use the same project book for 1-3 years, but still must pay the enrollment fee (\$8.00).</i></p> <p>#544 Ready, Set, . . . Mow!- \$10.00</p> <p><i>Members enrolling in this project must purchase a project book each year they take the project.</i></p>	<p><u>EXHIBIT RULES</u></p> <ul style="list-style-type: none"> <li>• Should have access to a 4-stroke or a 2-stroke cycle small engine.</li> <li>• Must complete at least 7 activities listed in the project book and be prepared to explain what was learned.</li> </ul> <p>#541 Crank It Up, Level 1</p> <ul style="list-style-type: none"> <li>• For exhibitors taking small engines for the first time and having <b>NO EXPERIENCE</b> with them.</li> <li>• Recommended for ages 9 - 11.</li> <li>• Prepare an educational exhibit based on something learned in the project. Example: Design a board about different air filters.</li> <li>• <i>DO NOT dismantle an engine and mount it on a board!</i></li> <li>• <i>DO NOT bring a whole engine or machine!</i></li> <li>• If bringing tools used in working with engines, bring these only to judging. Tools are not to be left at the fair.</li> </ul> <p>#542 Warm It Up, Level 2</p> <ul style="list-style-type: none"> <li>• For second year small engine exhibitors or exhibitors with minimal experience with small engines.</li> <li>• Recommended for ages 11 - 13.</li> <li>• Prepare an educational exhibit based on something learned in the project.</li> <li>• <u>If</u> mounting parts of an engine on a board or a cut-away engine, use a rigid 24" x 24" board. All parts must be <u>labeled</u>. Should only use parts learned about in the project book. Must be able to explain each part's importance in engine operation.</li> </ul> <p>#543 Tune It Up, Level 3</p> <ul style="list-style-type: none"> <li>• For third year small engines exhibitors or exhibitors with much experience with small engines.</li> <li>• Mount 4-stroke cycle or 2-stroke cycle engine parts or a cut away engine on a rigid 24" x 24" board. All parts must be labeled, and exhibitor must be able to explain each part's use in the engine. Should use only important parts of engine, example: don't mount the bolts.</li> <li>• May break down specific parts of the engine, example: compression, carburetion, or electrical components.</li> </ul> <p>#544 Ready, Set, . . . Mow!</p> <ul style="list-style-type: none"> <li>• For all ages</li> <li>• Prepare an educational exhibit based on something learned in the project.</li> </ul>	<p>FFA members entering small engines should sign up for Class 46 - FFA Small Engine projects</p> <p><u>FAIR EXHIBIT</u></p> <p>Class 39 - Power Equipment</p> <p>ENTRY NUMBERS:</p> <ol style="list-style-type: none"> <li>1. Crank It Up, Level 1</li> <li>2. Warm It Up, Level 2</li> <li>3. Tune It Up, Level 3</li> <li>4. Ready, Set, . . . Mow!</li> </ol> <p><i>Interview judging Tuesday morning, August 13. Completed project book must be brought to judging.</i></p>

<p>#552 - Tractor Operations: Gearing Up for Safety  #553 - Moving Out: Learning About Your Tractor and Farm Machinery  #554 - Learning More: Learning About Agricultural Tractors and Equipment</p> <p><i>Members enrolling in any of these projects must purchase that project book each year they take the project. (\$9.95)</i></p>	<ul style="list-style-type: none"> <li>• <b>Not tractor certification</b></li> <li>• DO NOT bring tractor to fair.</li> <li>• #552 is a beginning level project</li> <li>• #553 is an intermediate level project</li> <li>• #554 is an advanced level project</li> </ul> <p>Fair exhibit guidelines are the same for all tractor projects: Prepare an educational exhibit depicting something learned in the project.</p>	<p>5. Tractor Operations: Gearing Up for Safety  6. Moving Out: Learning About Your Tractor and Farm Machinery  7. Learning More: Learning About Agricultural Tractors and Equipment</p> <p><i>Interview judging Tuesday morning, August 13.  Completed project book must be brought to judging.</i></p>
<p>#555 - ATV Safety</p> <p><i>Members enrolling in this project must purchase a project book each year they take the project. (\$8.00)</i></p>	<ul style="list-style-type: none"> <li>• Appropriate for all age levels.</li> <li>• For fair exhibit, prepare an educational exhibit depicting something learned in the project.</li> </ul> <p>Enrollment in an ASI Rider Course is recommended but is not required.</p>	<p>8. ATV Safety</p> <p><i>Interview judging Tuesday morning, August 13.  Completed project book must be brought to judging.</i></p>

<p><u>PROJECT</u></p> <p>#531 - Science Fun with Electricity</p> <p><i>Members enrolling in this project must purchase a project book each year they take the project. (\$8.00)</i></p>	<p style="text-align: center;"><b>ENERGY PROJECTS</b></p> <p><u>EXHIBIT RULES</u></p> <ul style="list-style-type: none"> <li>• Beginning electricity project with 11 kid-friendly, time-tested experiments. It is designed to familiarize members with the scientific history concerning the discovery and application of electric energy through the 1800's.</li> <li>• Prepare an educational exhibit from information in your project book.</li> <li>• <b>DO NOT bring any batteries used in the exhibit until judging and remove after judging.</b></li> <li>• Experiments must be displayed on a wood base, approximately 12" x 12", accompanied by an explanation.</li> </ul>	<p><u>FAIR EXHIBIT</u></p> <p>Class 40 – Energy  ENTRY NUMBERS:</p> <p>1. Science Fun with Electricity</p> <p>Educational exhibit (fair display) should be more than an experiment or small project from the project book. It is fine to use an experiment or small project, but it must be displayed with an explanation.</p> <p><i>Interview judging Tuesday morning, August 13.  Completed project book must be brought to judging.</i></p>
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<p>#527- Magic of Electricity</p> <p><i>Members enrolling in this project may use the same project book for 1-3 years, but still must pay the enrollment fee (\$8.00) each year.</i></p>	<ul style="list-style-type: none"> <li>• This is a beginning level electricity project designed to be taken for 1 or 2 years.</li> <li>• Prepare an educational exhibit from information in your project book.</li> <li>• <b>DO NOT bring any batteries used in exhibit until judging and remove after judging.</b></li> <li>• Experiments must be displayed on a wood base, approximately 12" x 12", accompanied by an explanation.</li> </ul>	<p>2. Magic of Electricity</p> <p>Educational exhibit (fair display) should be more than an experiment or small project from the project book. It is fine to use an experiment or small project, but it must be displayed with an explanation.</p> <p><i>Interview judging Tuesday morning, August 13. Completed project book must be brought to judging.</i></p>
<p>#528 - Investigating Electricity</p> <p><i>Members enrolling in this project may use the same project book for 1-3 years, but still must pay the enrollment fee (\$8.00) each year.</i></p>	<ul style="list-style-type: none"> <li>• Prepare an educational exhibit from information in your project book.</li> <li>• <b>DO NOT bring any batteries used in exhibit until judging and remove after judging.</b></li> <li>• If display is an experiment, it must be displayed on a wood base, approximately 12" x 12", accompanied by an explanation.</li> </ul> <p>FFA members entering electrical projects should sign up for Class 45 - FFA Electrical projects</p>	<p>3. Investigating Electricity</p> <p>Educational exhibit (fair display) should be more than an experiment or small project from the project book. It is fine to use an experiment or small project, but it must be displayed with an explanation.</p> <p><i>Interview judging Tuesday morning, August 13. Completed project book must be brought to judging.</i></p>
<p>#550 – Young Engineers in Solar Energy</p> <p><i>Members enrolling in this project must purchase a project book each year they take the project. (\$8.00)</i></p>	<ul style="list-style-type: none"> <li>• Intermediate level project designed for youth with some experience in science, technology, engineering, and math topics.</li> <li>• Learn how scientists and engineers study light and the sun's energy, even gathering your own data with equipment you make.</li> <li>• Complete all 9 activities and all the Talking It Over questions.</li> <li>• Prepare an educational exhibit from information in your project book.</li> <li>• If display is an experiment, it must be displayed on a wood base, approximately 12" x 12", accompanied by an explanation.</li> </ul>	<p>6. Young Engineers in Solar Energy</p> <p>Educational exhibit (fair display) should be more than an experiment or small project from the project book. It is fine to use an experiment or small project, but it must be displayed with an explanation.</p> <p><i>Interview judging Tuesday morning, August 15. Completed project book must be brought to judging.</i></p>

PROJECT

WELDING -

#573- Arcs and Sparks -  
Shielded Metal Arc Welding

*Members enrolling in this project must purchase a project book each year they take the project. (\$8.00)*



NOTE to First Year Welders:

*First year welders **must** enter two projects: a welding panel (entry #1) and one other project from the book (entry #2).*

**METALWORKING PROJECTS**

EXHIBIT RULES

BEGINNING METALWORKING RULES:

- First year exhibitors enter Class 40 - Beginning Metalworking.
- **First year exhibitors must enter two projects: a welding panel and one other project from the book.** The welding panel will include individual samples of the following welds, displayed and labeled on a 24" x 24" or smaller wood or metal base: see pages 36 - 39 in book (butt joint, lap joint and Tee joint). The panel also includes seven bead samples with labels: good bead, bead welded too fast, bead welded too slow, bead welded with amperage too high, bead welded with amperage too low, bead welded with arc length too long, bead welded with arc length too short. (See page 33 in project book.)
- The panel must be welded with either 6013 or 7014 welding rods.
- The welding panel samples must be mounted on a board no larger than 24" x 24".
- All welding must be done with an arc welder. MIG and TIG welding are not included in the project and may **NOT** be used for Beginning Metalworking panels and projects.

ADVANCED METALWORKING RULES:

- Second year and beyond exhibitors enter Class 41 - Advanced Metalworking.
- Exhibit will be one or two projects. If entering two projects, they must fit in different entry numbers.
- Shielded Metal Arc, MIG and TIG are acceptable for Advanced Metalworking projects.
- Picnic tables and other lawn furniture should be no larger than 5' x 8'. Other large welded projects should be no higher than 8' and cover no more than 16 square feet of floor space.
- Exhibitors with large entries or entries that are more than one piece or a picnic table, please contact superintendent, Rich Ruess, at (419) 706-9612, about what to bring for display and possibly using their project space for display of smaller items.
- Exhibitor is responsible for unloading, placing and loading large items.
- Large welded articles, which take up more than 16 square feet of floor space, may be displayed outdoors.
- *Exhibit may not be heavier than four people can lift and move!*

FAIR EXHIBIT

Class 41 - Beginning Metalworking  
**(for all first-year welding exhibitors & requires an entry in both #1 & #2)**

ENTRY NUMBERS:

1. Welding Panel - mounted on a 24" x 24" wood or metal base. (must also enter one project from the book).
2. Other Project From Book - Projects allowed are:  

Boot Scraper	Chipping Hammer
Jig	Christmas Tree Stand
Post Driver	Electrode Holder
Pedestal	Welding Table
Shelf Bracket.	

NOTE: Welding Panel and Other Project from book should not be attached to one another.

Class 41 - Advanced Metalworking

ENTRY NUMBERS:

1. Large Welded Object (need two hands to hold) - Project with over 18" of welded bead.
2. Large Welded Object (need two hands to hold) - Project with less than or equal to 18" of welded bead.
3. Small Welded Object (can be easily handled with one hand) Examples: feed scoop, jack stand, post driver, boot scraper, hay hook, drawbar pin, jig, chipping hammer, electrode holder, Christmas tree stand, shelf bracket.
4. 6011 Rod Welding Panel (1/4" metal; 3" butt, 3" Tee, 3" lap welds mounted on a board no larger than 24" x 24").
5. 6013 Rod Welding Panel (1/4" metal; 3" butt, 3" Tee, 3" lap welds mounted on a board no larger than 24" x 24").

FFA members entering metalworking should sign up for Class 44 - FFA Welding

*Interview judging Tuesday morning, August 13.  
Completed project book must be brought to judging.*

GENERAL WELDING EXHIBIT RULES:

- **DO NOT GRIND DOWN WELDS!** (May remove burrs and weld spatter).
- Exhibit(s) may be painted, but paint is not required.