Kootenai / Shoshone County
4-H Project Requirements
2017-2018

January 2018
(01/18)
Index

Adventure/Challenge
Aerospace
Art
Beef
Bicycle
Cake Decorating
Cat
Citizenship
Clothing
Cloverbuds
Computers
Crochet
Dairy
Dog
Electricity
Entomology
Foods & Nutrition
Forestry
Gardening
Geospatial
Goats

Handwork / Heritage
Horse
Knitting
Leadership
Leathercraft
Personal Recreation Vehicles
Photography
Poultry
Rabbit
Robotics
Self Determined
Sheep
Shooting Sports
Small Animal/Pocket Pets
Small Engines
Sport Fishing
Swine
Veterinary Science
Wildlife
Woodworking
Club Officers

North Idaho State Fair 4-H Rules and Departments

Note: Make sure you have the most up to date project requirement information. Project Requirements should have the current date in the upper right hand corner. If you have copies that do not, please contact the Extension Office and request the current version.
Projects with Changes

Art
Citizenship
Clothing (Revised portfolio)
Foods & Nutrition (multiple)
Entomology, Beekeeping
Goat, Pack
Handwork for our Heritage
Leadership (Revised Portfolio)
Remote Control Vehicles
Robotics
Quilting
Wildlife
Glossary of Terms
(From the 4-H Project Requirements Handbook)

Oral Presentations  (A 4-H presentation can be one or a combination of the following types)

Demonstration: A presentation where the speaker is physically doing something. In a demonstration you “show how, tell how, and tell why”. For example: you could demonstrate how to make a food item, how to fix an item, how to prepare an animal for show, etc.

Illustrated Talk: A presentation where the speaker uses visuals such as posters, slides, charts, pictures, models, or other props to illustrate their point. For example: you may have posters or a model showing the parts of an item, you may have pictures showing the progression of something, you may have a chart to show a trend over time, etc.

Speech: A presentation where the speaker does not use any props. A speech may also be described as an oral report.

Exhibits

Involvement Report  Each member is required to keep a preputial Involvement Report. This tracks the member’s involvement, leadership and citizenship activities over their 4-H career. Information gathered in an Involvement Report is helpful as members apply for events and scholarships. All Involvement Reports will be submitted to the Organizational Leader prior to fair, the leader will submit a club packet for fair and will receive it back at the end of fair. Those members in Leadership and Citizenship projects will need to have a copy of their Involvement Report to submit with their record book during Interview judging. A member’s exhibit/project will not be considered complete if an Involvement Report has not been submitted for them (including Animal/Livestock projects).

Record Book: A record book is composed of those initial pages that form the actual record book. Up to eight (8) additional pages (one-sided, 8 ½” x 11” in size) may be added to the record book; at least one of these pages must contain the 4-H Report (Story). The additional 8 pages may contain expanded 4-H story, pictures, or other project related information. Any required inserts or reports are not to be counted in these 8 additional pages. Additional copies or expansions of the following sections are allowed and do not count against the 8 additional pages; Activity Log, Expense Record, Income Record and Health Care. This applies to all record books being evaluated or judged.

Display: A display is a free-standing, three-dimensional object, thereby having measurable height, width, and depth. The overall size of a display can be up to 14” x 14” x 22” from any one direction. A bi-fold or tri-fold poster will only be considered a display if it has one or more related components connected or attached to it, such as those items listed as examples. Examples of displays are models, kits, etc.

Poster: A poster is a two-dimensional object. You may use a poster of any size for oral presentations. A poster that will be entered as an exhibit at fair must be 14” x 22”, which is half of the average poster board that can be bought in a store. Posters should be easy to read when viewed from a distance of 10 feet.

Please note that scrapbooks and notebooks are considered different and do not have the same regulations.
Glossary of Terms - cont.

**Notebook:** A notebook will consist of a bound collection of materials (folder, binder, etc.) up to the size of a 1” ring binder designed for 8 ½” by 11” paper. Notebooks may contain labeled pictures, research reports, or other project related information.

**Scrapbook:** There are currently no size parameters on scrapbooks. The size and format of a scrapbook is left to the judgment of the member as how to best display their materials.

Articles or those things made or created as part of the project: There is no size limit on these exhibit pieces. They do need to follow project guidelines and use only those skills, tools and techniques taught in that project book or previous levels.

*Note:* Materials that cannot be exhibited are CCS Books, Checklists (except leadership and citizenship). Information related to these areas may be entered in the project activity log.

**Other Requirement:** Those elements that must be done to complete the project. These elements must be completed prior to public display or judging of the project.

**Exhibit:** Those specific items that are required to be entered or displayed in a public place for project completion. These exhibit requirements are primarily designed for fair exhibits and will be used as the exhibit standard for all fair entries.

**Plagiarism Policy:** Plagiarism will not be tolerated in the 4-H program. This includes using photocopied pages in 4-H record books. Each member’s experience is slightly unique and should be reflected as such in their work. If plagiarism or photocopies are found in 4-H exhibits, those entries will be considered incomplete and not eligible for awards.

*Members may only enroll in two units of any given project area during the current 4-H year.*
# ADVENTURE/ CHALLENGE

<table>
<thead>
<tr>
<th>Projects</th>
<th>Requirements</th>
<th>Exhibit</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Canoeing</strong>&lt;br&gt; Youth Materials:&lt;br&gt; 4-H Involvement Report (91910)&lt;br&gt; 4-H Project Record Book (91950)&lt;br&gt; Canoeing Focus Area Skills Checklist (45107)&lt;br&gt; Volunteer Materials: None</td>
<td>Complete a minimum of 7 different activities each year from the Canoeing Focus Area Skills Checklist (45107).&lt;br&gt; Have your project volunteer date (month and year) and initial each activity when it is finished.&lt;br&gt; Give an oral presentation (speech, demonstration or illustrated talk) related to this project.&lt;br&gt; Complete:&lt;br&gt; • 4-H Project Record Book (91950)&lt;br&gt; • 4-H Involvement Report (91910)</td>
<td>4-H Project Record Book (91950)&lt;br&gt; 4-H Involvement Report (91910) – to be submitted to your club leader prior to fair&lt;br&gt; plus,&lt;br&gt; A poster, display or notebook (as defined in the 4-H Project Requirement Handbook Glossary of Terms) illustrating something you learned in this project this year.&lt;br&gt; OR&lt;br&gt; Something you built or made related to the project.&lt;br&gt; {Additional copies of the 4-H Project Requirement Handbook Glossary of Terms are available at the Extension Office.}</td>
</tr>
<tr>
<td><strong>Dog Sledding</strong>&lt;br&gt; Youth Materials:&lt;br&gt; 4-H Involvement Report (91910)&lt;br&gt; 4-H Project Record Book (91950)&lt;br&gt; Sled Dog Focus Area Skills Checklist (45109)&lt;br&gt; Volunteer Materials: None</td>
<td>Complete a minimum of 7 different activities each year from the Sled Dog Focus Area Skills Checklist (45109).&lt;br&gt; Have your project volunteer date (month and year) and initial each activity when it is finished.&lt;br&gt; Give an oral presentation (speech, demonstration or illustrated talk) related to this project.&lt;br&gt; Complete:&lt;br&gt; • 4-H Project Record Book (91950)&lt;br&gt; • 4-H Involvement Report (91910)</td>
<td>4-H Project Record Book (91950)&lt;br&gt; 4-H Involvement Report (91910) – to be submitted to your club leader prior to fair&lt;br&gt; plus,&lt;br&gt; A poster, display or notebook (as defined in the 4-H Project Requirement Handbook Glossary of Terms) illustrating something you learned in this project this year.&lt;br&gt; OR&lt;br&gt; Something you built or made related to the project.&lt;br&gt; {Additional copies of the 4-H Project Requirement Handbook Glossary of Terms are available at the Extension Office.}</td>
</tr>
<tr>
<td>Projects</td>
<td>Requirements</td>
<td>Exhibit</td>
</tr>
<tr>
<td>------------------------</td>
<td>---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------</td>
<td>----------------------------------------------------------------------------------------------</td>
</tr>
</tbody>
</table>
| Cross Country Skiing   | Set goals for your project  
Complete Cross-Country Skiing Adventures Manual (45120) (see guidelines in the manual for focus areas for each year)  
Give an oral presentation (speech, demonstration or illustrated talk) related to this project.  
Complete:  
- 4-H Project Record Book (91950)  
- 4-H Involvement Report (91910) | 4-H Project Record Book (91950)  
4-H Involvement Report (91910) -- to be submitted to your club leader prior to fair  

plus,  
A poster, display or notebook (as defined in the 4-H Project Requirement Handbook Glossary of Terms) illustrating something you learned in this project this year.  

**Note:** Exhibits must utilize only skills, tools, and techniques taught in that project book or previous levels.  

{Additional copies of the 4-H Project Requirement Handbook Glossary of Terms are available at the Extension Office.} |

Volunteer Materials:  

Note: Participants must own equipment or have access to rental equipment for this project.

**Cross Country Skiing Optional Supporting Materials:**  
Idaho 4-H Cross Country Skiing Page [https://www.uidaho.edu/extension/4h/projects/cross-country-skiing](https://www.uidaho.edu/extension/4h/projects/cross-country-skiing)

Outdoor Adventures Youth Activity Guides  
1-Hiking Trails 4HCCS BU-08043  
2-Camping Adventures 4HCCS BU-08044  
3-Backpacking Expeditions 4HCCS BU-08045  
Group Activity Helper’s Guide 4HCCS BU-08047  
Field Guide to Wilderness Medicine, Paul Auerback, Howard Donner and Eric Weisee  
Wilderness 911: A Step-By-Step Guide for Medical Emergencies and Improvised Care in the Backcountry, Eric A. Weiss  
First Aid-The Essential Basics Copyright 2003-2004 MaxLifestyle.net  
Taking a New Bearing by Phyllis M. Ford  
The Basic Essentials of Map & Compass by Cliff Jacobson
## ADVENTURE CHALLENGE

<table>
<thead>
<tr>
<th>Projects</th>
<th>Requirements</th>
<th>Exhibit</th>
</tr>
</thead>
</table>
| **Outdoor Adventures:**                     | Complete a minimum of (7) seven required/optional activities, plus the required number of Learning Experiences (pg.3) each year. Finish at least 20 of the required and optional activities within 3 years to pass each book. Have your project volunteer date (month and year) and initial each activity when it is finished. Give an oral presentation (speech, demonstration or illustrated talk) related to this project. Complete:  
  - 4-H Involvement Report (91910)  
  - 4-H Project Record Book (91950) | 4-H Project Record Book (91950)  
  4-H Involvement Report (91910) – to be submitted to your club leader prior to fair plus, A poster, display or notebook (as defined in the 4-H Project Requirement Handbook Glossary of Terms) illustrating something you learned in this project this year. OR Something you built or made related to the project.  
  **Note:** Exhibits must utilize only skills, tools, and techniques taught in that project book or previous levels.  
  {Additional copies of the 4-H Project Requirement Handbook Glossary of Terms are available at the Extension Office.} |
| Youth Materials:                            |                                                                            |                                        |
| Hiking, Camping and Backpacking             |                                                                            |                                        |
| 4-H Involvement Report (91910)              |                                                                            |                                        |
| 4-H Project Record Book (91950)             |                                                                            |                                        |
| Hiking Trails, Level 1 (08043)              |                                                                            |                                        |
| Camping Adventures, Level 2 (08044)         |                                                                            |                                        |
| Backpacking Expeditions, Level 3 (08045)    |                                                                            |                                        |
| Volunteer Materials:                        |                                                                            |                                        |
| Outdoor Adventures Helpers Guide (08046)    |                                                                            |                                        |

**Outdoor Adventure Optional Supporting Materials:**  
Idaho 4-H Outdoor Adventures page: [https://www.uidaho.edu/extension/4h/projects/outdoor-adventures](https://www.uidaho.edu/extension/4h/projects/outdoor-adventures)
## ADVENTURE/CHALLENGE (cont.)

<table>
<thead>
<tr>
<th>Projects</th>
<th>Requirements</th>
<th>Exhibit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Survival</td>
<td>Set goals for your project</td>
<td>4-H Project Record Book (91950)</td>
</tr>
<tr>
<td>Youth Materials:</td>
<td>Complete Survival Adventure/Challenge Project Manual (see guidelines in the</td>
<td>4-H Involvement Report (91910) – to be submitted to your club leader</td>
</tr>
<tr>
<td>4-H Involvement</td>
<td>manual for focus areas for each year)</td>
<td>prior to fair</td>
</tr>
<tr>
<td>Report (91910)</td>
<td>Give an oral presentation (speech, demonstration or illustrated talk) related</td>
<td>plus,</td>
</tr>
<tr>
<td>4-H Project Record</td>
<td>to this project.</td>
<td>A poster, display or notebook (as defined in the 4-H Project Requirement</td>
</tr>
<tr>
<td>Book (91950)</td>
<td>Complete:</td>
<td>Handbook Glossary of Terms) illustrating something you learned in this</td>
</tr>
<tr>
<td>Survival Manual</td>
<td>• 4-H Project Record Book (91950)</td>
<td>project this year.</td>
</tr>
<tr>
<td>Volunteer Materials:</td>
<td></td>
<td>Note: Exhibits must utilize only skills, tools, and techniques taught</td>
</tr>
<tr>
<td>None</td>
<td>• 4-H Involvement Report (91910)</td>
<td>from that project book or previous levels.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>{Additional copies of the 4-H Project Requirement Handbook Glossary of</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Terms are available at the Extension Office.}</td>
</tr>
</tbody>
</table>

**Survival Optional Supporting Materials:**
None at this time

**Note:** No live signal flares or other explosive materials may be part of the exhibit.
<table>
<thead>
<tr>
<th>Youth Materials:</th>
<th>Requirements</th>
<th>Exhibit</th>
</tr>
</thead>
<tbody>
<tr>
<td>4-H Involvement Report (91910)</td>
<td>Complete a minimum of 7 required/optional activities, plus 3 Learning Experiences (pg. 4) each year. Finish at least 20 of the required and optional activities within 3 years to pass each book. Have your project volunteer date (month and year) and initial each activity when it is finished. Give an oral presentation (speech, demonstration or illustrated talk) related to this project. Complete:</td>
<td>4-H Project Record Book (91950)</td>
</tr>
<tr>
<td>4-H Project Record Book (91950)</td>
<td></td>
<td>4-H Involvement Report (91910) – to be submitted to your club leader prior to fair plus,</td>
</tr>
<tr>
<td>Lift-Off, Book 2 (83162)</td>
<td></td>
<td>One item form the list below:</td>
</tr>
<tr>
<td>Reaching New Heights, Book 3 (83163)</td>
<td></td>
<td>• A poster, display, or notebook (as defined in the 4-H Project Requirement Handbook Glossary of Terms) illustrating something you learned in this project this year.</td>
</tr>
<tr>
<td>Pilot In Command, Book 4 (83164)</td>
<td></td>
<td>• Report of things you learned or researched.</td>
</tr>
<tr>
<td>Volunteer Materials:</td>
<td></td>
<td>• One (1) item from the list below for the book you are enrolled in; select a different item to exhibit for the second and third year within a given book.</td>
</tr>
<tr>
<td>Aerospace Helper’s Guide - Flight Crew (83165)</td>
<td></td>
<td>Note: Exhibits must utilize only skills, tools, and techniques taught in that project book or previous levels.</td>
</tr>
<tr>
<td>Launching Youth Aerospace Programs (83166)</td>
<td></td>
<td>{Additional copies of the 4-H Project Requirement Handbook Glossary of Terms are available at the Extension Office.}</td>
</tr>
</tbody>
</table>

**Aerospace Optional Supporting Materials:**
- Ohio 4-H Rocket website [http://www.ohio4h.org/rockets/](http://www.ohio4h.org/rockets/)

Exhibits will be judged on accuracy of construction, quality of craftsmanship and appearance. Displays should be neat and attractive. Exhibits of models must be uniformly painted, smoothly finished, have decals applied smoothly, and be properly assembled and the design painted according to the accompanying plans (may use different color combinations of paint than indicated on the plan).

Engines and igniters are not permitted with the exhibit. Rockets and other models must be able to stand freely on their own or be supported on a wooden base. Do not display rockets on a launch pad, or at an angle. Select a different item to exhibit for your second and third year within a given book; members wishing to build another rocket may select a different style within that skill level. For original design rockets or other models, describe in an attached summary how the model was tested for stability prior to flying.

Exhibit items designed to be flown or launched, must have been flown or launched prior to exhibiting that item.
Book 2: Lift-Off (BU-6843)
- Any skill level 1, 2 or 3 rocket made from a kit; include the plans.
- A handmade kite; include the plans.
- Model airplane from a kit; include plans.
- Any model rocket or airplane (beginning skill level) not built from a kit; include the plans.

Book 3: Reaching New Heights (BU-6844)
- Any skill level 2, 3 or 4 rocket made from a kit; include the plans.
- A fighter kite that can roll, pitch and yaw; include plans.
- A model airplane from a kit; include the plans.
- Any model rocket or airplane (intermediate skill level) not built from a kit; include the plans.

Book 4: Pilot in Command (BU-6845)
- Any skill level 3 or above rocket made from a kit; include the plans.
- A box kite; include the plans.
- A model rocket or model airplane (advanced level) not made from a kit; include the plans.
- A remote control airplane made from a kit; include the plans.
## ART

**Kootenai Shoshone 1/18**

<table>
<thead>
<tr>
<th>Projects</th>
<th>Requirements</th>
<th>Exhibit</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Sketchbook Crossroads</strong>&lt;br&gt;Youth Materials: 4-H Involvement Report (91910) 4-H Project Record Book (91950) Sketchbook Crossroads (23113) Elements &amp; Principles of Design Card (23113).&lt;br&gt;Volunteer Materials: Sketchbook Crossroads (23113) Elements &amp; Principles of Design Card (23112). How To Teach Art To Children (EMC760)</td>
<td>Sketchbook Crossroads is designed for middle through high school age youth and may be used in a variety of youth development and academic settings. Youth may work with an adult helper or independently. It consists of three units: <strong>Drawing, Fiber Arts and Sculpting</strong>. All the activities focus on teaching the elements and principals of design and encouraging the development of skills for a lifetime. The Brain Joggers test problem solving ability. Connections may be made locally through artistic community service or service learning opportunities. Youth knowledge is tested through cultural and historical art experiences that are interwoven throughout activities. The learning indicators at the end of each activity help youth evaluate the learning process. Youth will be most successful and prepared when you are familiar with the life skill, elements and principal of design, and background information provided in each activity. Youth are encouraged to explore the Project Online connections and information to enhance the art experience. Complete either 5 activities from one unit; 5 activities from the three units; or one activity five times showing variation in the final artwork. A Brain Jogger is equal to one activity. (Because art techniques and skills require practice, patience and time, repeating a single activity many times is acceptable.) Give an oral presentation (speech, demonstration, or illustrated talk) related to this project. Complete:&lt;br&gt;• 4-H Project Record Book (91950)&lt;br&gt;• 4-H Involvement Report (91910)</td>
<td>4-H Project Record Book (91950) 4-H Involvement Report (91910) – to be submitted to your club leader prior to fair&lt;br&gt;<strong>plus,</strong>&lt;br&gt;One (1) framed art piece (no larger than 11x14 inside frame dimensions, glass optional)&lt;br&gt;- or -&lt;br&gt;One 3- dimensional art piece.&lt;br&gt;<strong>plus,</strong>&lt;br&gt;A portfolio, notebook and or sketchbook containing a minimum of 5 drawings, fiber art pieces or sculptures from the activities completed during the year. (3-dimensional pieces or art pieces larger than what will fit in the portfolio, notebook or sketchbook may be photographed and the photograph inserted to the portfolio, notebook or sketchbook)&lt;br&gt;Note: Attach a 4x6 index card to each piece or artwork with the following information: Artist name, unit, activity, and title. Original artwork title, element of design used, principal of design used and life skill. On the back of each card, explain how you used these elements and principles in your artwork.&lt;br&gt;[Note: See the 4-H Project Requirement Handbook Glossary of Terms for exhibit sizes and regulations – additional copies are available at the Extension Office.]</td>
</tr>
</tbody>
</table>

**Sketchbook Optional Supporting Materials:**
http://new.4-hcurriculum.org/projects/visualarts/Sketchbook/Sketchbook%20Crossroads.htm
**ART (cont.)**

<table>
<thead>
<tr>
<th>Projects</th>
<th>Requirements</th>
<th>Exhibit</th>
</tr>
</thead>
</table>
| **Portfolio Pathways**            | Portfolio Pathways is designed for middle through high school age youth and may be used in a variety of youth development and academic settings. Youth may work with an adult helper or independently. It consists of three units: **Painting, Printing and Graphic Design**. All the activities focus on teaching the elements and principals of design and encouraging the development of skills for a lifetime. The Brain Joggers test problem solving ability. Connections may be made locally through artistic community service or service learning opportunities. Youth knowledge is tested through cultural and historical art experiences that are interwoven throughout activities. The learning indicators at the end of each activity help youth evaluate the learning process. Youth will be most successful and prepared when you are familiar with the life skill, elements and principal of design, and background information provided in each activity. Youth are encouraged to explore the Project Online connections and information to enhance the art experience. Complete either 5 activities from one unit; 5 activities from the three units; or one activity five times showing variation in the final artwork. A Brain Jogger is equal to one activity. (Because art techniques and skills require practice, patience and time, repeating a single activity many times is acceptable.) Give an oral presentation (speech, demonstration, or illustrated talk) related to this project. Complete:  
  - 4-H Project Record Book (91950)  
  - 4-H Involvement Report (91910) | 4-H Project Record Book (91950)  
  4-H Involvement Report (91910) – to be submitted to your club leader prior to fair plus,  
  One (1) framed art piece (no larger than 11x14 inside frame dimensions, glass optional) or  
  One 3- dimensional art piece. plus,  
  A portfolio, notebook and or sketchbook containing a minimum of 5 paintings, prints or graphic design pieces from the activities completed during the year. (3-dimensional pieces or art pieces larger than what will fit in the portfolio, notebook or sketchbook may be photographed and the photograph inserted to the portfolio, notebook or sketchbook) Note: Attach a 4x6 index card to each piece or artwork with the following information: Artist name, unit, activity, and title. Original artwork title, element of design used, principal of design used and life skill. On the back of each card, explain how you used these elements and principles in your artwork. **(Note: See the 4-H Project Requirement Handbook Glossary of Terms for exhibit sizes and regulations – additional copies are available at the Extension Office.)** | 4-H Project Record Book (91950)  
  4-H Involvement Report (91910) – to be submitted to your club leader prior to fair plus,  
  One (1) framed art piece (no larger than 11x14 inside frame dimensions, glass optional) or  
  One 3- dimensional art piece. plus,  
  A portfolio, notebook and or sketchbook containing a minimum of 5 paintings, prints or graphic design pieces from the activities completed during the year. (3-dimensional pieces or art pieces larger than what will fit in the portfolio, notebook or sketchbook may be photographed and the photograph inserted to the portfolio, notebook or sketchbook) Note: Attach a 4x6 index card to each piece or artwork with the following information: Artist name, unit, activity, and title. Original artwork title, element of design used, principal of design used and life skill. On the back of each card, explain how you used these elements and principles in your artwork. **(Note: See the 4-H Project Requirement Handbook Glossary of Terms for exhibit sizes and regulations – additional copies are available at the Extension Office.)** |

**Portfolio Optional Supporting Materials:**

http://new.4-hcurriculum.org/projects/visualarts/Portfolio/Portfolio%20Pathways.htm
### Projects

**Market Beef**  
**Youth Materials:**
- 4-H Involvement Report (91910)
- 4-H Animal Project Record Book (91940)
- Animal Science Checklist

**Volunteer Materials:**
- Beef Resource Handbook (4-H 117R – from Ohio)

### Requirements

- Choose one or more steers for your Market Beef project.
- Individually identify each animal with an ear tag and/or tattoo.
- Weigh and provide primary care for all animals on a uniform county feeding period, 130-150 days.
- Provide one or more forms of positive ownership such as: Brand Inspection, Registration Certificate, Recorded Iron Brand, or Bill of Sale for each project animal for at least 130-150 days.
- Members who exhibit Animals marketed through a 4-H sponsored event must complete a County approved Quality Assurance activity
- Complete 5 Animal Science Lessons each year with one of the lessons from the Quality Assurance section. The lessons will be separated by Level 1, 2 and 3. Youth should work through the levels as they gain experience in the project.
- Have your project volunteer date (month and year) and initial each activity when it is finished.
- Participate in a County Approved Quality Assurance program. This must be done prior to the North Idaho Fair Animal Entry deadline.
- Give an oral presentation (speech, demonstration, or illustrated talk) related to this project.
- Complete:
  - 4-H Animal Project Record Book (91940)
  - Market Beef Growth Chart (72110)
  - 4-H Involvement Report (91910)

### Exhibit

- 4-H Animal Project Record Book (91940), Market Beef Growth Chart (72110) and up to date Animal Science Checklist submitted to County Extension Office by date specified.
- 4-H Involvement Report (91910) – to be submitted to your club leader prior to fair.
- Display performance data on exhibit or stall card.
- Exhibit project animal at community, county, or other Extension approved livestock show.
- Exhibit one of your project animals in a Beef Fitting and Showing class.
- {Note: Each member is strongly encouraged to participate in a livestock judging contest.}

### Alternate and Additional Animals

If a member weighs in an alternate animal, that individual must maintain records and a growth chart for that animal. If a family weighs in an alternate market animal, at least one individual from that family must maintain records and a growth chart on that animal. If a member has an additional project animal (i.e.: Jr. Show) that individual must maintain records on that animal along with their North Idaho State Fair animal(s).

### North Idaho State Fair Information

To be eligible to sell at the North Idaho State Fair the steer must have been weighed and tagged for that member at the Spring Weigh in.?

- **Market Beef Entry Standards**
  - Minimum Weight for Registered Aberdeen 75% to Pureblood* ........... 750 lbs
  - Minimum Weight for Registered Aberdeen 50% to 74%* ............... 900 lbs
  - Minimum Weight for All Other Breeds ........................................ 1,000 lbs
  - Capped Weight (for Stock Sale Purposes) ..................................... 1,425 lbs
  - Minimum ADG for Quality Finals .................................................. 2.00 lbs/day

* In order to qualify for Aberdeen Breed Status the steer must be registered with the American Aberdeen Association and a copy of that registration submitted with the North Idaho State Fair Animal Entry.
## BEEF (cont.)

<table>
<thead>
<tr>
<th>Projects</th>
<th>Requirements</th>
<th>Exhibit</th>
</tr>
</thead>
</table>
| **Breeding Beef** (Purebred or Commercial) | Choose one or more heifers/ cows for your Breeding Beef project. Individually identify each animal with an ear tag and/or tattoo. Provide one or more forms of positive ownership such as: Brand Inspection, Registration Certificate, Recorded Iron Brand, or Bill of Sale for each project animal for at least 90 days. If a 4-H member leases a project animal, a completed written and signed copy of the lease agreement must be included in the member’s record book. **Submit Cattle Identification Sheet on 4HOnline Animal ID by June 1st** Complete a minimum of 5 required/optional activities each year. Have your project volunteer date (month and year) and initial each activity when it is finished. Give an oral presentation (speech, demonstration, or illustrated talk) related to this project. Complete:  
  - 4-H Animal Project Record Book (91940)  
  - Permanent Individual Animal Record (72101) for each project animal  
  - 4-H Involvement Report (91910)  
  - Animal Science Checklist | 4-H Animal Project Record Book (91940) and Permanent Individual Animal Records (72101) and up to date Animal Science Checklist submitted to County Extension Office by date specified.  
4-H Involvement Report (91910) – to be submitted to your club leader prior to fair  
Exhibit and/or have project animals(s) evaluated at an Extension approved show, exhibition or field day.  
Display performance data on exhibit or stall card.  
Exhibit one of your project animals in a Beef Fitting and Showing class.  
Note: Each member is strongly encouraged to participate in a livestock judging contest. |

**Volunteer Materials:**  
*Beef Resource Handbook (4-H 117R – from Ohio)*

---

North Idaho State Fair Information: Breeding Beef entries need to have a Cattle ID submitted on 4HOnline by June 1st and be individually identified on the North Idaho State Fair 4-H Animal Entry by ear tag, tattoo, etc. and entered in the appropriate quality/age division. Failure to do so may result in disqualification from quality classes.

## Beef Optional Supporting Materials:

**Youth Beef Quality Assurance (#72203)**  
**Market Beef – Beginning Planning & Record Sheet (#72298)**  
**Idaho 4-H Livestock Cost & return estimates – Market Steer Project (#72295)**  
**Beef Resource Handbook – OH (#72296)**  
**Beef, Sheep, and Swine Selection and Evaluation – OH (#72010)**  
**University of Idaho Animal Science Lesson Plans**  
[http://www.uidaho.edu/extension/4h/projects](http://www.uidaho.edu/extension/4h/projects)
## Projects

<table>
<thead>
<tr>
<th>Youth Materials:</th>
<th>Requirements</th>
<th>Exhibit</th>
</tr>
</thead>
<tbody>
<tr>
<td>4-H Involvement Report (91910)</td>
<td>Complete a minimum of 5 regular activities and 2 pedaling harder activities each project year</td>
<td>4-H Project Record Book (91950)</td>
</tr>
<tr>
<td>4-H Project Record Book (91950)</td>
<td>Complete 10 regular activities and 4 pedaling harder activities to complete each book within 2 years.</td>
<td>4-H Involvement Report (91910) – to be submitted to your club leader prior to fair</td>
</tr>
<tr>
<td>Bicycling for Fun, Book 1 (suggested for grades 3-5) (BU-08334)</td>
<td>Have your project volunteer date (month and year) and initial each activity when it is finished.</td>
<td>plus,</td>
</tr>
<tr>
<td>Wheels in Motion, Book 2 (suggested for grades 6-8) (BU-08335)</td>
<td>Give an oral presentation (speech, demonstration, or illustrated talk) related to this project.</td>
<td>A poster, display or notebook (as defined in the 4-H Project Requirement Handbook Glossary of Terms) illustrating something you learned in bicycle this year.</td>
</tr>
</tbody>
</table>

Volunteer Materials:  
- Bicycle Helper’s Guide (BU-08336)  
- Don’t Get Stuck: Fix It Video (83395)

### Complete:
- 4-H Project Record Book (91950)
- 4-H Involvement Report (91910)

### Exhibit

Note: Exhibits must utilize only skills, tools, and techniques taught in that project book or previous levels.

(Additional copies of the 4-H Project Requirement Handbook Glossary of Terms are available at the Extension Office.)

## Bicycle Optional Supporting Materials:

None at this time
<table>
<thead>
<tr>
<th>Projects</th>
<th>Requirements</th>
<th>Exhibit</th>
</tr>
</thead>
</table>
| **Unit 1** Youth Materials:  
4-H Involvement Report (91910)  
4-H Project Record Book (91950)  
4-H Cake Decorating (MG 6421B)  
Volunteer Materials:  
Same as youth materials | Bake and frost 8- or 9-inch round or square, or 9x13-inch oblong single layer real cakes, decorated with edible items. Do not use decorating tips/tubes.  
Learn to bake and frost a single-layer cake (one layer only, not stacked) that will be a good base for your decorations.  
Begin to develop skill in combining color, design in a pleasing way using edible food items.  
Bake and decorate a minimum of four cakes, plus your exhibit cake.  
Keep a record of each cake you decorate.  
Give an oral presentation (speech, demonstration, or illustrated talk) related to this project.  
Complete:  
• 4-H Project Record Book (91950)  
• Cake Decorating Supplement Units 1-10  
• 4-H Involvement Report (91910) | 4-H Project Record Book (91950) and Cake Decorating Supplement Units 1-10  
4-H Involvement Report (91910) – to be submitted to your club leader prior to fair  
plus,  
One decorated single layer real cake using only edible materials, no decorator tubes. (Only edible materials such as candies, pretzels and coconut should be used to create design.)  
Note: Cakes are to be displayed on a food safe, disposable, grease proof cake board or foil covered cardboard that extends 1 ½ to 3 inches from all edges of the cake. See Unit 1 manual for specific instructions. |

| **Unit 2** Youth Materials:  
4-H Involvement Report (91910)  
4-H Project Record Book (91950)  
4-H Cake Decorating (MG 6421B)  
Volunteer Materials:  
Same as youth materials | Bake and decorate a single layer real cake (8- or 9-inch round or square or 9x13 rectangle cake pan).  
Learn to use professional cake decorating equipment.  
Begin to develop skill in using a writing tip, leaf tip and star tip.  
Develop skill in combining colors and designs. Decorate a minimum of four cakes, plus your exhibit cake.  
Keep a record of each cake you decorate.  
Give an oral presentation (speech, demonstration, or illustrated talk) related to this project.  
Complete:  
• 4-H Project Record Book (91950)  
• Cake Decorating Supplement Units 1-10  
• 4-H Involvement Report (91910) | 4-H Project Record Book (91950) and Cake Decorating Supplement Units 1-10  
4-H Involvement Report (91910) – to be submitted to your club leader prior to fair  
plus,  
One decorated single layer real cake. (8- or 9-inch round or square or oblong or 9x13 rectangle cake pan) using the leaf, star and writing tip to decorate the cake.  
Note: Cakes are to be displayed on a food safe, disposable, grease proof cake board or foil covered cardboard that extends 1 ½ to 3 inches from all edges of the cake. See Unit 1 manual for specific instructions. |
## CAKE DECORATING (cont.)

<table>
<thead>
<tr>
<th>Projects</th>
<th>Requirements</th>
<th>Exhibit</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Unit 3</strong>&lt;br&gt;Youth Materials:&lt;br&gt;4-H Involvement Report (91910)&lt;br&gt;4-H Project Record Book (91950)&lt;br&gt;4-H Cake Decorating (MG 6421B)&lt;br&gt;Volunteer Materials:&lt;br&gt;Same as youth materials</td>
<td>Bake and decorate two-layer cakes (real cakes – 8 or 9 inch square or round) while using the writing, leaf and star tubes in decorating. Also learn how to use a side border and figure piping on the cake. Spatula and brush striping are optional. Use professional cake decorating equipment. Develop skills in using a writing tip, leaf tip and star tip. Develop skill in combining icing colors and designs. Decorate a minimum of four cakes, plus your exhibit cake. Keep a record of each cake you decorate. Give an oral presentation (speech, demonstration, or illustrated talk) related to this project. Complete:&lt;br&gt;• 4-H Project Record Book (91950)&lt;br&gt;• Cake Decorating Supplement Units 1-10&lt;br&gt;• 4-H Involvement Report (91910)</td>
<td>4-H Project Record Book (91950) and Cake Decorating Supplement Units 1-10&lt;br&gt;4-H Involvement Report (91910) – to be submitted to your club leader prior to fair&lt;br&gt;\textit{plus,}&lt;br&gt;One decorated two-layer real cake using three to five different types of tips in decorating. You must use the writing, star and leaf tips, but may also use other tips. Also use a side border and figure piping on the cake. Do not use flowers made on a flower nail or materials other than frosting.&lt;br&gt;Note: Cakes are to be displayed on a food safe, disposable, grease proof cake board or foil covered cardboard that extends 1 ½ to 3 inches from all edges of the cake. See Unit 1 manual for specific instructions.</td>
</tr>
<tr>
<td>Projects</td>
<td>Requirements</td>
<td>Exhibit</td>
</tr>
<tr>
<td>-------------------------------</td>
<td>------------------------------------------------------------------------------</td>
<td>------------------------------------------------------------------------</td>
</tr>
<tr>
<td><strong>Unit 4</strong></td>
<td><strong>Youth Materials:</strong></td>
<td>**4-H Project Record Book (91950) and Cake Decorating Supplement Units 1-10</td>
</tr>
<tr>
<td></td>
<td>4-H Involvement Report (91910)</td>
<td>4-H Involvement Report (91910) – to be submitted to your club leader prior to fair</td>
</tr>
<tr>
<td></td>
<td>4-H Project Record Book (91950)</td>
<td>plus,</td>
</tr>
<tr>
<td></td>
<td>4-H Cake Decorating (MG 6425)</td>
<td>One decorated character real cake.</td>
</tr>
<tr>
<td><strong>Volunteer Materials:</strong></td>
<td><strong>Same as youth materials</strong></td>
<td>Tips should be used which are appropriate for the design selected.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Note: Cakes are to be displayed on a food safe, disposable, grease proof cake board or foil covered cardboard that extends 1 ½ to 3 inches from all edges of the cake. See Unit 1 manual for specific instructions.</td>
</tr>
<tr>
<td></td>
<td>Bake and decorate character cakes, using tips.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Learn to use a character cake pan (a pan with shaped sides and a molded top).</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Begin to develop skill in using the tips recommended for decorating the cake selected.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Develop skill in mixing colors and using them effectively.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Decorate a minimum of four character cakes, plus your exhibit cake.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Keep a record of each cake you decorate.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Give an oral presentation (speech, demonstration, or illustrated talk) related to this project.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Complete:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• 4-H Project Record Book (91950)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Cake Decorating Supplement Units 1-10</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• 4-H Involvement Report (91910)</td>
<td></td>
</tr>
</tbody>
</table>
# CAKE DECORATING (cont.)

<table>
<thead>
<tr>
<th>Projects</th>
<th>Requirements</th>
<th>Exhibit</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Unit 5</strong>&lt;br&gt;Youth Materials:&lt;br&gt; 4-H Involvement Report (91910)&lt;br&gt;4-H Project Record Book (91950)&lt;br&gt;4-H Cake Decorating (MG 6425)&lt;br&gt;&lt;br&gt;Volunteer Materials:&lt;br&gt;Same as youth materials</td>
<td>Bake and decorate cupcakes. Learn to bake cupcakes that are uniform in size and suitable for decorating. Practice skills in using frosting and edible food items to create attractive and tasty individual size portions (cupcakes). Practice skills in using decorating tips, mixing colors, textures, sizes and edible add-ons to effectively create a design or theme. Decorate a minimum of four batches of cupcakes, plus your exhibit cupcakes. Keep a record of each batch of cupcakes you decorate. Give an oral presentation (speech, demonstration, or illustrated talk) related to this project. Complete:&lt;li&gt;4-H Project Record Book (91950)&lt;li&gt;Cake Decorating Supplement Units 1-10&lt;li&gt;4-H Involvement Report (91910)</td>
<td>4-H Project Record Book (91950) and Cake Decorating Supplement Units 1-10&lt;br&gt;4-H Involvement Report (91910) – to be submitted to your club leader prior to fair&lt;br&gt;&lt;br&gt;<strong>Plus one of the following options</strong>*,&lt;li&gt;A minimum of 3 and a maximum of 6 regular size cupcakes, of a similar design or theme, in liners&lt;li&gt;Stacking cupcakes: a minimum of 4 and a maximum of 8 cupcakes creating one design or theme where cupcakes are attached on top of each other and decorated&lt;li&gt;Character or design using multiple cupcakes: a character design is created by grouping and decorating several cupcakes (a maximum display size of 9x13).&lt;br&gt;*see page 21 of the manual for more details.&lt;br&gt;Note: Cupcakes are to be displayed in a 6-cup muffin tin or in foil liners on a sturdy paper/plastic plate. See Unit 5 manual for specific instructions.</td>
</tr>
</tbody>
</table>
### Projects

- **Unit 6**
  - Youth Materials:
    - 4-H Involvement Report (91910)
    - 4-H Project Record Book (91950)
    - 4-H Cake Decorating (MG 6425)
  - Volunteer Materials: 
    - *Same as youth materials*

### Requirements

- Bake and decorate cut-up cakes. Different types of decorating tips should be used. Edible items may also be used.
- Build on skills learned in units 1 through 3.
- Frost and decorate cup-up cakes.
- Develop skill in using a variety of decorating tips.
- Learn to cut up flat cakes and put them together to form different shapes.
- Learn how to treat cut surfaces to eliminate unnecessary and unsightly crumbs.
- Develop more skills in mixing colors.
- Decorate a minimum of four cut-up cakes, plus your exhibit cake.
- Keep a record of each cake you decorate.
- Give an oral presentation (speech, demonstration, or illustrated talk) related to this project.

**Complete:**
- 4-H Project Record Book (91950)
- Cake Decorating Supplement Units 1-10
- 4-H Involvement Report (91910)

### Exhibit

- 4-H Project Record Book (91950) and Cake Decorating Supplement Units 1-10
- 4-H Involvement Report (91910) – to be submitted to your club leader prior to fair
- *plus,*
- One decorated cut-up real cake using three different types of decorating tips to decorate along with edible materials.

**Note:** Cakes are to be displayed on a food safe, disposable, grease proof cake board or foil covered cardboard that extends 1 ½ to 3 inches from all edges of the cake. See Unit 1 manual for specific instructions.
<table>
<thead>
<tr>
<th>Projects</th>
<th>Requirements</th>
<th>Exhibit</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Unit 7</strong></td>
<td><em>Youth Materials:</em> 4-H Involvement Report (91910) 4-H Project Record Book (91950) 4-H Cake Decorating (MG 6426)</td>
<td>4-H Project Record Book (91950) and Cake Decorating Supplement Units 1-10</td>
</tr>
<tr>
<td></td>
<td><strong>Volunteer Materials:</strong> Same as youth materials</td>
<td>4-H Involvement Report (91910) – to be submitted to your club leader prior to fair</td>
</tr>
<tr>
<td></td>
<td></td>
<td>plus,</td>
</tr>
<tr>
<td></td>
<td>Decorate cakes using flowers and floral sprays.</td>
<td>One two-layer, 8-, 9- or 10-inch cake or cake form decorated using a minimum of: One flat surface flower, one flower made on a flat flower nail, one border and one side trim learned in this unit.</td>
</tr>
<tr>
<td></td>
<td>Frost and decorate two-layer cakes.</td>
<td>Note: Cakes are to be displayed on a food safe, disposable, grease proof cake board or foil covered cardboard that extends 1 ½ to 3 inches from all edges of the cake. See Unit 1 manual for specific instructions.</td>
</tr>
<tr>
<td></td>
<td>Make different kinds of leaves, borders, drop or flat surface flowers and flowers made on a flat nail.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Develop skill in using a variety of decorating tips.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Decorate a minimum of four cakes, plus your exhibit cake. (You may use either forms or cakes in this unit, but at least two should be real cakes).</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Use a minimum of: One flat surface flower, one flower made on a flat flower nail, one border and one side trim in decorating a cake.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Practice making different leaves, drop or flat surface flowers, flowers made on a flat flower nail, borders and side trims.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Keep a record of each cake you decorate.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Give an oral presentation (speech, demonstration, or illustrated talk) related to this project.</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Complete:</strong> 4-H Project Record Book (91950) 4-H Involvement Report (91910) Cake Decorating Supplement Units 1-10</td>
<td></td>
</tr>
<tr>
<td>Projects</td>
<td>Requirements</td>
<td>Exhibit</td>
</tr>
<tr>
<td>----------</td>
<td>--------------</td>
<td>---------</td>
</tr>
</tbody>
</table>
| **Unit 8**  
Youth Materials:  
4-H Involvement Report (91910)  
4-H Project Record Book (91950)  
4-H Cake Decorating (MG 6426)  
Volunteer Materials:  
*Same as youth materials* | Decorate cakes using fondant.  
Use skills learned in Units 3-7 to decorate the cake.  
Learn to use fondant as a cake covering, decoration or modeling.  
Decorate a minimum of four cakes, plus your exhibit cake. (At least two should be real cakes and 3 of the 5 cakes should be totally covered with fondant)  
Keep a record of each cake you decorate.  
Give an oral presentation (speech, demonstration, or illustrated talk) related to this project.  
Complete:  
- 4-H Project Record Book (91950)  
- Cake Decorating Supplement Units 1-10  
- 4-H Involvement Report (91910) | 4-H Project Record Book (91950) and Cake Decorating Supplement Units 1-10  
4-H Involvement Report (91910) – to be submitted to your club leader prior to fair  
*plus,*  
One decorated two-layer 8-, 9- or 10-inch round or square cake or cake form covered in fondant and decorated using skills learned from units 3-7 plus fondant and gum paste decorations.  
Note: Cakes are to be displayed on a food safe, disposable, grease proof cake board or foil covered cardboard that extends 1 ½ to 3 inches from all edges of the cake. See Unit 1 manual for specific instructions. |
| **Unit 9**  
Youth Materials:  
4-H Involvement Report (91910)  
4-H Project Record Book (91950)  
4-H Cake Decorating (MG 6426)  
Volunteer Materials:  
*Same as youth materials* | Decorate cakes using string work, flower made on a lily nail and techniques learned in previous units.  
Build on skills developed in previous units.  
Make borders and side decorations with string work.  
Make flowers on a lily nail.  
Make floral arrangements.  
Practice string work (side trims and writing), flowers made on a lily nail and floral arrangements.  
Decorate a minimum of four cakes, plus your exhibit cake. (At least two should be real cakes.)  
Keep a record of each cake you decorate.  
Give an oral presentation (speech, demonstration, or illustrated talk) related to this project.  
Complete:  
- 4-H Project Record Book (91950)  
- Cake Decorating Supplement Units 1-10  
- 4-H Involvement Report (91910) | 4-H Project Record Book (91950) and Cake Decorating Supplement Units 1-10  
4-H Involvement Report (91910) – to be submitted to your club leader prior to fair  
*plus,*  
One decorated two-layer 8-, 9- or 10-inch cake or cake form using an example of string work and a flower(s) made on a lily flower nail. Border is required.  
Note: Cakes are to be displayed on a food safe, disposable, grease proof cake board or foil covered cardboard that extends 1 ½ to 3 inches from all edges of the cake. See Unit 1 manual for specific instructions.
CAKE DECORATING (cont.)

<table>
<thead>
<tr>
<th>Projects</th>
<th>Requirements</th>
<th>Exhibit</th>
</tr>
</thead>
</table>
| **Unit 10**  
Youth Materials:  
4-H Involvement Report (91910)  
4-H Project Record Book (91950)  
4-H Cake Decorating (MG 6427)  
Volunteer Materials: Same as youth materials | Bake and decorate tiered cakes. Learn to use supports and separator plates. Pillars are optional.  
Build upon skills developed in previous units.  
Learn to use supports, separator plates and pillars while decorating cakes.  
Design and decorate a cake of three or more tiers of graduated sizes, developing an overall design with is attractive and tied together by color, line and design.  
Use special tips of special purposes.  
Bake and decorate a minimum of three cakes (or use cake forms), plus the exhibit cake. Each should have three or more tiers of graduated sizes. At least two should be real cakes.  
Keep a record of each cake you decorate.  
Give an oral presentation (speech, demonstration, or illustrated talk) related to this project.  
Complete:  
- 4-H Project Record Book (91950)  
- Cake Decorating Supplement Units 1-10  
- 4-H Involvement Report (91910) | 4-H Project Record Book (91950) and Cake Decorating Supplement Units 1-10  
4-H Involvement Report (91910) – to be submitted to your club leader prior to fair  
*plus,*  
One decorated cake or cake form of three or more tiers of graduated sizes, using supports and separator plates. Pillars may be used, but are not required. A border is required.  
Note: Cakes are to be displayed on a food safe, disposable, grease proof cake board or foil covered cardboard that extends 1 ½ to 3 inches from all edges of the cake. See Unit 1 manual for specific instructions. |
| **Unit 11**  
Youth Materials:  
4-H Involvement Report (91910)  
4-H Project Record Book (91950)  
4-H Cake Decorating (MG 6427)  
Volunteer Materials: Same as youth materials | Decorate with molded items.  
Mold and shape at least three different edible materials (fondant, gum paste, molding chocolate, candy melts, etc.)  
Collect information on at least three different molding and shaping materials.  
Use decorator tips to achieve the natural likeness or effect desired in the molded or shaped item.  
Keep a record of each molding and shaping material used.  
Give an oral presentation (speech, demonstration, or illustrated talk) related to this project.  
Complete:  
- 4-H Project Record Book (91950)  
- Cake Decorating Supplement Unit 11  
- 4-H Involvement Report (91910) | 4-H Project Record Book (91950) and Cake Decorating Supplement Unit 11, including information on at least three molding or shaping materials used.  
4-H Involvement Report (91910) – to be submitted to your club leader prior to fair  
*plus,*  
One molded or shaped object may be on a decorated cake, a cake form or an independent display (no larger than 10 inches). |
# CAKE DECORATING (cont.)

<table>
<thead>
<tr>
<th>Projects</th>
<th>Requirements</th>
<th>Exhibit</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Unit 12</strong>&lt;br&gt;Youth Materials:</td>
<td>Plan and develop your own cake decorating project.</td>
<td>4-H Project Record Book (91950)</td>
</tr>
<tr>
<td>4-H Involvement Report (91910)</td>
<td>Build on other 4-H cake decorating units.</td>
<td>4-H Involvement Report (91910) – to be submitted to your club leader</td>
</tr>
<tr>
<td>4-H Project Record Book (91950)</td>
<td>Plan, develop and evaluate your own cake decorating project.</td>
<td>prior to fair</td>
</tr>
<tr>
<td>4-H Cake Decorating (MG 6427)</td>
<td>Share knowledge and skills with others.</td>
<td>plus,</td>
</tr>
<tr>
<td>Volunteer Materials:</td>
<td>Give an oral presentation (speech, demonstration, or illustrated talk) related to this project.</td>
<td>A brief written description of your project including your goals, plans, accomplishments and your evaluation of results. You may use pictures or any records you have kept to provide evidence of your accomplishments. If an item was made as part of your project, a sample may be displayed as further evidence of the quality of your project. Displays must not require over a 1’x1’ exhibit area or consist of more than three items.</td>
</tr>
<tr>
<td><em>Same as youth materials</em></td>
<td>Complete:&lt;br&gt;• 4-H Project Record Book (91950)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• 4-H Involvement Report (91910)</td>
<td></td>
</tr>
</tbody>
</table>

**Cake Decorating Optional Supporting Materials:**<br>4-H Cake Decorating – University of Wyoming : [http://www.uwyo.edu/4-h/projects/cakedecorating/manual.pdf](http://www.uwyo.edu/4-h/projects/cakedecorating/manual.pdf)
### Projects

**Youth Materials:**
- 4-H Involvement Report (91910)
- 4-H Animal Project Record Book (91940)
- Purrr-fect Pals! Book 1 (08148)
- Climbing Up! Book 2 (08149)
- Leaping Forward, Book 3 (08150)

**Volunteer Materials:**
- Cat Helpers Guide (08151)

### Requirements

Must own, provide proper housing, feed, and care for the specified animal(s) for at least 90 days.

Complete a minimum of 7 required/optional activities each year.

Finish at least 21 of the required and optional activities within 3 years to pass each book.

Have your project volunteer date (month and year) and initial each activity when it is finished.

Give an oral presentation (speech, demonstration, or illustrated talk) related to this project.

Complete:
- 4-H Animal Project Record Book (91940)
- Permanent Individual Animal Record Insert (72101)
- 4-H Involvement Report (91910)

### Exhibit

4-H Animal Project Record Book (91940) and Permanent Individual Animal Record Insert (72101).

4-H Involvement Report (91910) – to be submitted to your club leader prior to fair

Plus,

A poster, display or notebook (as defined in the 4-H Project Requirement Handbook Glossary of Terms) illustrating what you learned in this project year.

{Additional copies of the 4-H Project Requirement Handbook Glossary of Terms are available at the Extension Office.}

### Cat Optional Supporting Materials:

- WSU Curriculum [https://pubs.wsu.edu/ListItems.aspx?CategoryId=284](https://pubs.wsu.edu/ListItems.aspx?CategoryId=284)
  - 4-H Cat Project, Unit 1
  - 4-H Cat Project, Unit 2
  - Cat Anatomy & Physiology, Unit 3
  - Cat Fitting and Showing
## Exploring Citizenship, My Government (KYG)

**Grades 8 & 9**

### Youth Materials:
- 4-H Involvement Report (91910)
- 4-H Project Record Book (91950)
- 4-H Know your Government County Government Day Activity (11007)

### Volunteer Materials:

### Requirements

Note: This project is designed to be a two-year project.

For 8th and 9th grade participants in the Idaho Know Your Government Conference. Attend the KYG Conference.

**First year** – Complete the four sections.
- Legislative Branch or Judicial Branch
- Executive Branch or Who influences Our Government or News Media

Complete the sections, Legislative or Judicial, for the workshop you attended.
First year Follow up Plan and Activities (see pg. 64 in manual)

**Second Year** – Complete the four sections.
- Legislative Branch or Judicial Branch
- Executive Branch and/or Who influences Our Government and/or News media (complete the two you did not complete last year)

Complete the section, Legislative or Judicial, for the workshop you attended.
Second year Follow up Plan and Activities (see pg. 65 in manual)

Give an oral presentation (speech, demonstration or illustrated talk) on a topic related to this project.

Complete:
- 4-H Project Record Book (91950)
- Exploring Citizenship, My Government Project Manual (11002) – per 1st or 2nd year requirements
- 4-H Involvement Report (91910)

### Exhibit

- 4-H Project Record Book (91950)
- 4-H Involvement Report (91910) – to be submitted with your record book at interview judging.

Exploring Citizenship, My Government Project Manual (11002)

**plus,**

A poster, display or notebook (as defined in the 4-H Project Requirement Handbook Glossary of Terms) illustrating what you learned or showing clippings, stories, etc. from the activities you completed this year.

[Additional copies of the 4-H Project Requirement Handbook Glossary of Terms are available at the Extension Office.]

---

### Support Materials:

- Idaho 4-H KYG page: [https://www.uidaho.edu/extension/4h/events/know-your-government](https://www.uidaho.edu/extension/4h/events/know-your-government)
- Idaho 4-H KYG Project page: [https://www.uidaho.edu/extension/4h/projects/know-your-government](https://www.uidaho.edu/extension/4h/projects/know-your-government)
- Idaho Department of Labor: [https://labor.idaho.gov](https://labor.idaho.gov)
- Association of Idaho Cities: [http://www.idahocities.org](http://www.idahocities.org)
- Idaho Association of Counties: [http://www.idacounties.org](http://www.idacounties.org)
## CITIZENSHIP (cont.)

<table>
<thead>
<tr>
<th>Projects</th>
<th>Requirements</th>
<th>Exhibit</th>
</tr>
</thead>
</table>
| Advanced Citizenship, (KYG Planning Committee) | For Know Your Government Planning Committee Members:  
Develop personal goals for the year.  
Attend and participate in the summer planning meeting, one or more district meetings/conference calls, and the evaluation meeting.  
Develop a Plan of Action for carrying out your leadership responsibilities. Use Plan of Meetings and Activities (91612) or develop your own planning form.  
Assist in promotion of the conference and recruitment of delegates by completing two or more promotion activities, at least one activity to groups or organizations outside your own club. One of these oral presentations will count as a demonstration.  
Complete one other leadership activity before the conference.  
Attend the KYG Conference and perform the duties of your assigned role.  
Serve as emcee or have major responsibilities for an activity at the KYG Conference.  
Complete:  
- 4-H Project Record Book (91950)  
- Step Up to Leadership Event Planning Optional Focus Area Skills Checklist (64010)  
- 4-H Involvement Report (91910) | 4-H Project Record Book (91950), with Plan of action attached.  
plus,  
4-H Involvement Report (91910) – to be submitted with your record book at interview judging.  
Step up to Leadership Event Planning Optional Focus Area Skills Checklist (64010)  
A poster, display or notebook (as defined in the 4-H Project Requirement Handbook Glossary of Terms) illustrating what you learned in this project year. |

| Youth Materials:  
4-H Involvement Report (91910)  
4-H Project Record Book (91950)  
Advanced Citizenship, Idaho 4-H Know Your Government Conference Planning Committee Project Book (11005)  
Step up to Leadership, My Portfolio, Grades 9-12 (07907)  
Step up to Leadership Event Planning Optional Focus Area Skills Checklist (64010) | Volunteer Materials:  
Step up to Leadership Mentor Guide, Grades 6-12 (07904) | |

| Support Materials:  
Idaho 4-H KYG page: https://www.uidaho.edu/extension/4h/events/know-your-government  
Idaho 4-H KYG Project page: https://www.uidaho.edu/extension/4h/projects/know-your-government  
Idaho Department of Labor: https://labor.idaho.gov  
Association of Idaho Cities: http://www.idahocities.org  
Idaho Association of Counties: http://www.idcounties.org | {Additional copies of the 4-H Project Requirement Handbook Glossary of Terms are available at the Extension Office.} |
## CITIZENSHIP (cont.)

<table>
<thead>
<tr>
<th>Projects</th>
<th>Requirements</th>
<th>Exhibit</th>
</tr>
</thead>
</table>
| **Senior Teen Planning Committee (4th year KYG Planning Committee)** | For Know Your Government Planning Committee Members: Develop personal goals for the year. Complete one of the suggested activities for each section from the Exploring Citizenship, My government Project Manual (11002) – for a total of six activities that you did not complete in previous years. Attend and participate in the summer planning meeting, one or more district meetings/conference calls, and the evaluation meeting. Develop a Plan of Action for carrying out your leadership responsibilities. Use Plan of Meetings and Activities (91612) or develop your own planning form. Assist in promotion of the conference and recruitment of delegates by completing two or more promotion activities, at least one activity to groups or organizations outside your own club. One of these oral presentations will count as a demonstration. Complete one other leadership activity before the conference. Attend the KYG Conference and perform the duties of your assigned role. Serve as emcee or have major responsibilities for an activity at the KYG Conference. Complete:  
- 4-H Project Record Book (91950)  
- Step Up to Leadership Event Planning Optional Focus Area Skills Checklist (64010)  
- 4-H Involvement Report (91910) | 4-H Project Record Book (91950), with Plan of action attached.  
plus,  
4-H Involvement Report (91910) – to be submitted with your record book at interview judging.  
Completed Exploring Citizenship, My Government Project Manual (11002)  
Step up to Leadership Event Planning Optional Focus Area Skills Checklist (64010)  
A poster, display or notebook (as defined in the 4-H Project Requirement Handbook Glossary of Terms) illustrating what you learned in this project year.  
{Additional copies of the 4-H Project Requirement Handbook Glossary of Terms are available at the Extension Office.} |
| **Youth Materials:**  
4-H Involvement Report (91910)  
4-H Project Record Book (91950)  
Advanced Citizenship, Idaho 4-H Know Your Government Conference Planning Committee Project Book (11005)  
Exploring Citizenship, My Government Project Manual (11002)  
Step up to Leadership, My Portfolio, Grades 9-12 (07907)  
Step up to Leadership Event Planning Optional Focus Area Skills Checklist (64010) |  |  |
| **Volunteer Materials:**  
Step up to Leadership Mentor Guide, Grades 6-12 (07904) |  |  |

### Support Materials:
- Idaho 4-H KYG page: [https://www.uidaho.edu/extension/4h/events/know-your-government](https://www.uidaho.edu/extension/4h/events/know-your-government)
- Idaho 4-H KYG Project page: [https://www.uidaho.edu/extension/4h/projects/know-your-government](https://www.uidaho.edu/extension/4h/projects/know-your-government)
- Idaho Department of Labor: [https://labor.idaho.gov](https://labor.idaho.gov)
- Association of Idaho Cities: [http://www.idahocities.org](http://www.idahocities.org)  
Idaho Association of Counties: [http://www.idcounties.org](http://www.idcounties.org)
### CITIZENSHIP (cont.)

<table>
<thead>
<tr>
<th>Projects</th>
<th>Requirements</th>
<th>Exhibit</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Power of the Press</strong></td>
<td>For 4-H Know Your Government Conference Reporters. Complete pre-conference assignments. Participate in the summer planning meeting. Develop a Plan of Action for carrying out your leadership responsibilities. Use Plan of Meetings and Activities (91612) or develop your own planning form. Attend the KYG Conference and carry out reporter responsibilities. Complete the reporter workshop activities in each section of Power of the Press. Section 1: What is News? (Activities 1-5) Section 2: Getting to Know the Media (Activities 6-7) Section 3: Gathering and Writing the News (Activities 8-11) Section 4: Record and Handouts (include information from workshops and tours). Evaluate your experiences as a KYG reporter before, during, and after the Conference. Give an oral presentation (speech, demonstration or illustrated talk) related to this project and/or show the KYG News Video if one was produced. Complete:</td>
<td>4-H Project Record Book (91950), with Plan of Action attached. 4-H Involvement Report (91910) – to be submitted with your record book at interview judging. Step up to Leadership Event Planning Optional Focus Area Skills Checklist (64010) Notebook with: Power of the Press (KYG Reporter Workshop) (11006) and reporter materials� AND A copy of the KYG Newsletter, which you helped produce. Optional: If one was produced, arrange to show the KYG News Video as part of your exhibit.</td>
</tr>
<tr>
<td>Youth Materials: 4-H Involvement Report (91910) 4-H Project Record Book (91950) Power of the Press (KYG Reporter Workshop) (11006) Step up to Leadership, My Portfolio, Grades 9-12 (07907) Step up to Leadership Event Planning Optional Focus Area Skills Checklist (64010)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Volunteer Materials: Step up to Leadership Mentor Guide, Grades 6-12 (07904)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

{Additional copies of the 4-H Project Requirement Handbook Glossary of Terms are available at the Extension Office.}
**Projects**

<table>
<thead>
<tr>
<th>Senior Reporter Committee (4th year KYG News Editor/Video Producer)</th>
</tr>
</thead>
</table>

**Youth Materials:**
- **4-H Involvement Report (91910)**
- **4-H Project Record Book (91950)**
- **Power of the Press (KYG Reporter Workshop) (11006)**
- **Exploring Citizenship, My Government Project Manual (11002)**
- **Step up to Leadership, My Portfolio, Grades 9-12 (07907)**
- **Step up to Leadership Event Planning Optional Focus Area Skills Checklist (64010)**

**Volunteer Materials:**
- **Step up to Leadership Mentor Guide, Grades 6-12 (07904)**

**Requirements**

- For 4-H Know Your Government Conference Reporters.
- Complete pre-conference assignments, including meeting with the Reporter Workshop Coordinator in the fall to discuss plans for the Reporter Workshop.
- Participate in the summer planning meeting.
- Develop a Plan of Action for carrying out your leadership responsibilities. Use Plan of Meetings and Activities (91612) or develop your own planning form.
- Complete one of the suggested activities for each section from the Exploring Citizenship, My Government Project Manual (11002) – for a total of six activities that you did not complete in previous years.
- Attend the KYG Conference and carry out reporter responsibilities.
- Help develop the news video and/or KYG Newsletter (involves extra hours during Conference)
- Evaluate your experiences as a KYG reporter before, during, and after the Conference.
- Give an oral presentation (speech, demonstration or illustrated talk) related to this project and/or show the KYG News Video if one was produced.

**Exhibit**

- 4-H Project Record Book (91950), with Plan of Action attached.
- 4-H Involvement Report (91910) – to be submitted with your record book at interview judging.
- Step up to Leadership Event Planning Optional Focus Area Skills Checklist (64010)
- A copy of the KYG Newsletter and/or KYG News Video, which you helped produce.
- A poster, display or notebook *(as defined in the 4-H Project Requirement Handbook Glossary of Terms)* illustrating what you learned in this project year.

Optional: If one was produced, arrange to show the KYG News Video as part of your exhibit.

{**Additional copies of the 4-H Project Requirement Handbook Glossary of Terms are available at the Extension Office.**}
<table>
<thead>
<tr>
<th>Projects</th>
<th>Requirements</th>
<th>Exhibit</th>
</tr>
</thead>
</table>
| Exploring Citizenship, National Focus | For Citizenship-Washington Focus Delegates, ages 15 to 19 years of age. Attend Citizenship-Washington Focus. Upon returning from Citizenship-Washington Focus trip: Develop a plan of action to share your experiences and make a contribution on your community. Use Plan of Meetings and Activities (91612) or develop your own planning form. Initiate your plan and report on your progress. Give an oral presentation (speech, demonstration or illustrated talk) related to this project. Complete:  
  - 4-H Project Record Book (91950)  
  - Exploring Citizenship, National Focus Workbook (11003)  
  - 4-H Involvement Report (91910) | Exploring Citizenship, National Focus Workbook (11003) with Plan of Action attached  
  
  4-H Project Record Book (91950)  
  
  4-H Involvement Report (91910) – to be submitted with your record book at interview judging. plus,  
  
  A poster, display or notebook (as defined in the 4-H Project Requirement Handbook Glossary of Terms) illustrating what you learned in this project year.  
  
  {Additional copies of the 4-H Project Requirement Handbook Glossary of Terms are available at the Extension Office.} |

Citizenship Optional Supporting Materials:

Idaho 4-H CWF page: https://www.uidaho.edu/extension/4h/projects/citizenship-washington-focus
National 4-H CWF Website: http://4-h.org/parents/citizenship-washington-focus/

North Idaho State Fair Information: This project area is interview judged
## CLOTHING FUNdamentals

<table>
<thead>
<tr>
<th>Projects</th>
<th>Requirements</th>
<th>Exhibit</th>
</tr>
</thead>
</table>
| STEAM Clothing 1 Fundamentals Ages 8-10 | Using the STEAM Clothing 1 Fundamentals manual:  
Complete at least 5 activities and record findings and put samples in the Idaho 4-H Clothing Construction Portfolio.  
Complete at least 10 skills each year from the Fundamentals Skills Checklist  
Have project helper date and sign each skill from the skills checklist  
Give an oral presentation (speech, demonstration or illustrated talk) on a topic related to this project.  
Complete:  
- 4-H Involvement Report (#91910)  
- 4-H Clothing Construction Portfolio  
- Fundamentals Skills Checklist | 4-H Clothing Construction Portfolio  
4-H Involvement Report (91910) – to be submitted to your club leader prior to fair  
Fundamentals Skills Checklist  
Display one item that includes at least three new sewing skills learned in each year of taking this project  
The following are examples of items you could make and exhibit for this project:  
1st Year – pants, pajama pants, shorts or skirt  
2nd Year – shirt, top, t-shirt  
3rd Year – top and pants or skirt, jumper with shirt/top or dress  
Non-clothing options:  
2 pillowcases, drawstring bag, grocery tote, table cloth with 4 napkins, nine patch pillow, sports bag, curtain with casing heading, pieced pillow, decorative accessories.  
Note: Avoid fabrics that require more advanced knowledge or techniques |  

North Idaho Fair Information: This project area is interview judged

---

Volunteer Materials:  
STEAM Clothing 1 Fundamentals  
STEAM Clothing Maker’s Guide
**CLOTHING (cont.)**  
**FUNdamentals**

<table>
<thead>
<tr>
<th>Projects</th>
<th>Requirements</th>
<th>Exhibit</th>
</tr>
</thead>
</table>
| STEAM Clothing 2 Simply Sewing | Using the STEAM Clothing 2 Simply Sewing manual:  
Complete at least 5 activities and record findings and put samples in the Idaho 4-H Clothing Construction Portfolio.  
Complete at least 10 skills each year from the Simply Sewing Skills Checklist  
Have project helper date and sign each skill from the skills checklist  
Give an oral presentation (speech, demonstration or illustrated talk) on a topic related to this project.  
Complete:  
- 4-H Involvement Report (#91910)  
- 4-H Clothing Construction Portfolio  
- Simply Sewing Skills Checklist | 4-H Clothing Construction Portfolio  
4-H Involvement Report (91910) – to be submitted to your club leader prior to fair  
Simply Sewing Skills Checklist  
Display one item that includes at least three new sewing skills learned in each year of taking this project  
The following are examples of items you could make and exhibit for this project:  
A skirt or dress with a zipper  
A skirt or pants with a simple waistband  
A blouse with buttons/buttonholes  
A blouse with cuffs and Collar  
Non-clothing options: Decorative pillow, windsock with decorative stitches, backpacks/duffle bag with zipper, box edge pillow, curtains with scallops or tab top heading |  

**North Idaho Fair Information:** This project area is interview judged
**CLOTHING (cont.)**  
**FUNdamentals**

<table>
<thead>
<tr>
<th>Projects</th>
<th>Requirements</th>
<th>Exhibit</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>STEAM Clothing 3 A Stitch Further</strong>&lt;br&gt;Ages 12 and up&lt;br&gt;Youth Materials:&lt;br&gt;4-H Involvement Report (#91910)&lt;br&gt;4-H Clothing Construction Portfolio&lt;br&gt;A Stitch Further Checklist&lt;br&gt;STEAM Clothing 3 A Stitch Further (#UN-L 4H2230D)&lt;br&gt;Volunteer Materials:&lt;br&gt;STEAM Clothing 3 A Stitch Further</td>
<td>Using the STEAM Clothing 3 A Stitch Further manual:&lt;br&gt;Complete at least 5 activities and record findings and put samples in the Idaho 4-H Clothing Construction Portfolio.&lt;br&gt;Complete at least 10 skills each year from the Fundamentals Skills Checklist&lt;br&gt;Have project helper date and sign each skill from the skills checklist&lt;br&gt;Give an oral presentation (speech, demonstration or illustrated talk) on a topic related to this project.&lt;br&gt;Complete:&lt;br&gt;• 4-H Involvement Report (#91910)&lt;br&gt;• 4-H Clothing Construction Portfolio&lt;br&gt;• Fundamentals Skills Checklist</td>
<td>4-H Clothing Construction Portfolio&lt;br&gt;4-H Involvement Report (91910) – to be submitted to your club leader prior to fair&lt;br&gt;A Stitch Further Checklist&lt;br&gt;Display one item that includes at least three new sewing skills learned in each year of taking this project&lt;br&gt;The following are examples of items you could make and exhibit for this project:&lt;br&gt;Pants or skirt with flat felled seam&lt;br&gt;Dress or skirt with lining&lt;br&gt;Garment sewn with special fabric&lt;br&gt;Tailored jacket&lt;br&gt;Non-clothing options:&lt;br&gt;Pleated or gathered grapery, bedspread, lined drapery or curtain, furniture slipcovers</td>
</tr>
</tbody>
</table>

**North Idaho Fair Information:** This project area is interview judged
<table>
<thead>
<tr>
<th>Projects</th>
<th>Requirements</th>
<th>Exhibit</th>
</tr>
</thead>
<tbody>
<tr>
<td>STEAM Clothing Beyond the Needle</td>
<td>Using the STEAM Clothing Beyond the Needle manual:</td>
<td>4-H Clothing Construction Portfolio</td>
</tr>
<tr>
<td>Ages 12 and up</td>
<td>Complete at least 5 activities and record findings and put samples in the Idaho 4-H Clothing Construction Portfolio.</td>
<td>4-H Involvement Report (#91910)</td>
</tr>
<tr>
<td>Youth Materials: STEAM Clothing Beyond the Needle (#UN-L 4H2250D)</td>
<td>Complete at least 10 skills each year from the Beyond the Needle Skills Checklist</td>
<td>Beyond the Needle Skills Checklist</td>
</tr>
<tr>
<td>4-H Involvement Report (#91910)</td>
<td>Have project helper date and sign each skill from the skills checklist</td>
<td>Display one item that includes at least three new sewing skills learned in each year of taking this project</td>
</tr>
<tr>
<td>4-H Clothing Construction Portfolio</td>
<td>Give an oral presentation (speech, demonstration or illustrated talk) on a topic related to this project</td>
<td>The following are examples of items you could make and exhibit for this project:</td>
</tr>
<tr>
<td>Beyond the Needle Skills Checklist</td>
<td>Complete the following:</td>
<td>A bag that has been dyed and has studs</td>
</tr>
<tr>
<td>Volunteer Materials: STEAM Clothing Beyond the Needle</td>
<td></td>
<td>A shirt, skirt or dress that has been sprayed and stitched</td>
</tr>
<tr>
<td></td>
<td>• 4-H Involvement Report (#91910)</td>
<td>A scarf that has been painted and aged</td>
</tr>
<tr>
<td></td>
<td>• 4-H Clothing Construction Portfolio</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Beyond the Needle Skills Checklist</td>
<td></td>
</tr>
<tr>
<td>Clothing Optional Supporting Materials:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Idaho 4-H STEAM Clothing Fundamentals page (and to download the Beyond the Needle Skills Checklist and Idaho 4-H Clothing Construction Portfolio): <a href="https://www.uidaho.edu/extension/4h/projects/steam-clothing-fundamentals">https://www.uidaho.edu/extension/4h/projects/steam-clothing-fundamentals</a></td>
<td></td>
<td></td>
</tr>
<tr>
<td>To purchase the STEAM curriculum from University</td>
<td></td>
<td></td>
</tr>
<tr>
<td>North Idaho Fair Information: This project area is interview judged</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### Projects

<table>
<thead>
<tr>
<th>Cloverbuds: Youth Materials:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Animal Science</td>
</tr>
<tr>
<td>Expressive Arts</td>
</tr>
<tr>
<td>Home Economics</td>
</tr>
<tr>
<td>Mechanical Science</td>
</tr>
<tr>
<td>Natural Resources</td>
</tr>
<tr>
<td>Personal Growth and Development</td>
</tr>
<tr>
<td>Plant and Soil Science</td>
</tr>
<tr>
<td>Science and Technology</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CCS Youth Materials:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pre-Flight, Book 1 (B3161) (Grades K-2)</td>
</tr>
<tr>
<td>Woodworking, Measuring Up, Level 1 (BU06875)</td>
</tr>
<tr>
<td>Palette of Fun with Arts and Crafts</td>
</tr>
<tr>
<td>Exploring Farm Animals (BU06350)</td>
</tr>
</tbody>
</table>

Youth Materials: Optional – Cloverbud Program Record

Volunteer Materials: 

**Cloverbuds: A 4-H Discovery Program** (4H-MI-5560-S) $10

**Exploring the Treasures of 4-H (4-HCCS BU-08172)**

**Related CCS Leaders Guides**

### Requirements

- Recommended for ages 5-7 (K-2) years.
- The approved Cloverbuds curriculum is developmentally appropriate for this age; activity oriented; non-competitive; focused on life skills taught through a broad spectrum of subject matters; and involves cooperative learning.

### Exhibit

- Exhibiting at the Fair is optional and non-competitive.
- If exhibiting, enter one item made, a folder or notebook showing activities completed, or one of the completed Youth Materials or record book.

### Cloverbud Optional Supporting Materials:

**Cloverbud Program Curriculum Instructional Materials** (#63015)


To order Minnesota Cloverbuds Manual


Idaho 4-H Cloverbuds Page (Cloverbud Memory Book is here):


WSU 4-H Snacking Healthy

[http://4h.wsu.edu/em2778cd/familyconsumersciences/foodsnutrition.htm](http://4h.wsu.edu/em2778cd/familyconsumersciences/foodsnutrition.htm)
# COMPUTERS

## Projects

<table>
<thead>
<tr>
<th>Youth Materials</th>
<th>Requirements</th>
<th>Exhibit</th>
</tr>
</thead>
<tbody>
<tr>
<td>4-H Involvement Report (91910)</td>
<td>Complete a minimum of 7 required and/or optional activities each year.</td>
<td>4-H Project Record Book (91950)</td>
</tr>
<tr>
<td>4-H Project Record Book (91950)</td>
<td>Finish all 13or 14 required activities and any optional activities within 2 years to complete each book.</td>
<td>4-H Involvement Report (91910) – to be submitted to your club leader prior to fair</td>
</tr>
<tr>
<td>Newbie Know-How, Introduction/Reference (BU-08346)</td>
<td>Have your project volunteer date (month and year) and initial each activity when it is finished.</td>
<td>plus,</td>
</tr>
<tr>
<td>Inside the Box, Level 1 (BU-08347)</td>
<td>Give an oral presentation (speech, demonstration, or illustrated talk) related to this project.</td>
<td>A poster, display or notebook (as defined in the 4-H Project Requirement Handbook Glossary of Terms) illustrating what you learned in this project year.</td>
</tr>
<tr>
<td>Peer to Peer, Level 2 (BU-08348)</td>
<td>Complete:</td>
<td></td>
</tr>
<tr>
<td>Teens Teaching Tech, Level 3 (BU-08349)</td>
<td>• 4-H Project Record Book (91950)</td>
<td>Note: Exhibits must utilize only skills, tools, and techniques taught in that project book or previous levels.</td>
</tr>
</tbody>
</table>

### Volunteer Materials:
- Use Youth Materials

### Exhibit
- 4-H Project Record Book (91950)
- 4-H Involvement Report (91910) – to be submitted to your club leader prior to fair

*Note: The first book in the curriculum, “Newbie-Know-How,” is intended as a resource to support the other books.*

If your exhibit requires a computer and software to view the exhibit, you are responsible for providing the hardware and software required to evaluate the exhibit item.

When helping members to select unit levels, place members based on their skill level and experience as this series of books is designed around skills not age or grade levels.

## Computer Optional Supporting Materials:

- **Free Clip Art Sites**
  - http://www.free-graphics.com

- **General Information Web Sites**
  - http://lycoszone.com
  - http://www.kids.infoplease.lycos.com
  - http://yahooligans.com

- **Software Web Pages**
  - CorelDRAW and Corel Print House [http://www.corel.com](http://www.corel.com)
  - HyperStudio [http://www.hyperstudio.com](http://www.hyperstudio.com)
  - Microsoft Windows Paint and PowerPoint [http://microsoft.com](http://microsoft.com)
  - MorphMan [http://stoik.com](http://stoik.com)
# CROCHET

## Youth Materials
- 4-H Involvement Report (91910)
- 4-H Project Record Book (91950)
- 4-H Member Project Guides Needlework Crochet (4JF-10PA)

*University of Kentucky Cooperative Extension Service - Crochet (CT-MMB.740)*

## Volunteer Materials:
- *University of Kentucky Cooperative Extension Service - Crochet (CT-MMB.740)*

### Requirements

Select the phase appropriate to your skill level and learn the skills listed in the project book for that unit.

**Units:**

1. **Here We Go – Row by Row** – learn how to tie a slip knot, chain, single crochet, double crochet, slip a stitch, attach yarn, fasten off and more.
2. **Here We Go, Around and Around** – review unit 1 skills and learn to select patterns and yarn, half double crochet, treble crochet, join rounds, increase and decrease stitches, join seams, change colors and more.
3. **Here We Go, Patterns Galore** – review skills from previous levels and learn how to create pattern stitches such as shell, arch, diamond, bobble, snapdragon, popcorn, cross, puff, cluster or seed/granite.
4. **From There to Here, Anything Goes!** – select from advanced skills and techniques including afghan stitch, bead work, camel crochet, filet crochet, Irish crochet, novelty items, novelty yarns, design your own and more.

Give an oral presentation (speech, demonstration, or illustrated talk) related to this project.

Complete:
- 4-H Project Record Book (91950)
- 4-H Involvement Report (91910)

**Note:** Units 3 and 4 can be repeated so long as different skills and/or techniques are learned each subsequent year.

### Exhibit

- 4-H Project Record Book (91950)
- 4-H Involvement Report (91910) – to be submitted to your club leader prior to fair

**plus,**

One item or a pair of items for the unit you are enrolled in:

**Unit 1** - Use 4-ply, light colored, worsted-weight yarn with single and/or double crochet.

Suggestions: scarf, purse or belt.

**Unit 2** – Use one or more of the stitches you learned (single, double, treble or half double crochet). Yarn other than 4-ply worsted-weight, including novelty, sport or bulky weight, may be used. Suggestions: Vest, shawl, purse, scarf, lap wrap or small afghan.

**Unit 3** – Use one or more of the stitches learned, increasing and/or decreasing and one or more colors of yarn in alternating rows. Bedspread-weight thread or yarns other than 4-ply worsted weight may be used. Suggestions: Sweater, vest, shawl, purse, scarf, baby blanket or a set of 5 different patterned snowflakes using bedspread-weight thread.

**Unit 4** – Use one or more of the skills and/or techniques listed for this unit. If you design your own patterns, written instructions are required as documentation.

Suggestions: afghan, cape, evening bag, sweater, vest, poncho, dress, skirt, jacket, bedspread, pillow, animals, dolls or rugs.
**Crocheting Optional Supporting Materials:**

*Cool Stuff, Teach Me To Crochet*, Leisure Arts, Inc. (Instructions geared to youth)

*Reader’s Digest, Complete Guide to Needlework* (Volunteer Materials)


**North Idaho State Fair Information:** This project area is interview judged
<table>
<thead>
<tr>
<th>Projects</th>
<th>Requirements</th>
<th>Exhibit</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Dairy Cattle</strong></td>
<td><strong>Youth Materials:</strong> 4-H Involvement Report (91910) 4-H Animal Project Record Book (91940)</td>
<td>4-H Animal Project Record Book (91940), Permanent Individual Animal Record (72101), and up to date submitted to County Extension Office by date specified.</td>
</tr>
<tr>
<td></td>
<td><strong>Member Resources:</strong> Cowabunga!, Book 1 (08161) Mooving Ahead, Book 2 (08162) Rising to the Top, Book 3 (08163)</td>
<td>4-H Involvement Report (91910) – to be submitted to your club leader prior to fair</td>
</tr>
<tr>
<td></td>
<td><strong>Volunteer Materials:</strong> Dairy Cattle Helper’s Guide (08164)</td>
<td>Exhibit project animal at community, county, or other Extension approved livestock show.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Display performance data on exhibit or stall card.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Exhibit one of your project animals in a Dairy Fitting and Showing class.</td>
</tr>
</tbody>
</table>

**North Idaho Fair Information:** Dairy Cattle entries will need to be individually identified on the North Idaho Fair 4-H Animal Entry Form by ear tag, tattoo, etc. and entered in the appropriate quality/age division. Failure to do so may result in disqualification from quality classes.

**Dairy Cattle Optional Supporting Materials:**
Dairy Heifer Growth Chart (#72120)
Permanent Individual Animal Record (#72101)
Monitoring Dairy Heifer Growth, Penn State, 1988, [http://extension.psu.edu/animals/dairy/nutrition/heifers](http://extension.psu.edu/animals/dairy/nutrition/heifers)
(see Calves & Heifer Management)
### Projects

**Dog**

Youth Materials:
- 4-H Involvement Report (91910)
- 4-H Animal Project Record Book (91940)
- Wiggles 'n' Wags, Book 1 (08166);
- Canine Connection, Book 2 (08167);
- Leading the Pack, Book 3 (08168)

Volunteer Materials:
- Dog Group Activity Guide (08169)

See the Kootenai/Shoshone 4-H Rules, Regulations, Steward, & Judges Guidelines December 2016

### Requirements

- Provide primary care for and train 1 or more dogs which belong to the member or a family pet for at least 90 days. Dog may be registered or an unregistered, crossbred male or female.
- Complete a minimum of 7 required/optional activities, each year.
- Finish at least 21 of the required and optional activities within 3 years to pass each book.
- Have your project volunteer date (month and year) and initial each activity when it is finished.
- Give an oral presentation (speech, demonstration, or illustrated talk) related to this project.
- A non-family owned dog must be managed by the member at least 90 days during the project year. For all non-family owned dogs used in a 4-H dog project, a copy of a written lease agreement (available at the Extension Office) must accompany the Dog Record Book. The lease agreement must be dated and signed by the 4-H member, the member’s parents, and the owner of the dog. The purpose for this lease is to help insure that all parties clearly understand the requirements, and that the member will have ready access to the dog for all training sessions and exhibitions connect to this project.
- Submit Dog Identification Sheets by April 1st. (use 4Honline ID)
- Participate in at least one required county contest: Oral Presentations, Dog Bowl, Dog Judging or AKC Good Citizenship Test.
- Complete:
  - 4-H Animal Project Record Book (91940)
  - Permanent Individual Animal Record (72101) for each project animal
  - 4-H Involvement Report (91910)

### Exhibit

- 4-H Animal Project Record Book (91940)
- Permanent Individual Animal Records (72101)
- 4-H Involvement Report (91910) – to be submitted to your club leader prior to fair

Exhibit dog you trained in appropriate obedience class according to experience and development as follows:
- First Year Beginner Novice
- Pre-Novice
- Novice
- Graduate Novice
- Advanced Graduate Novice
- Open
- Challenge Open
- Utility

Exhibit one of your project animals in a Dog Fitting and Showing class.
**Non-Animal Dog**

*Youth Materials:*
- 4-H Involvement Report (91910)
- 4-H Project Record Book (91950)
- Wiggles ‘n’ Wags, Book 1 (08166);
- Canine Connection, Book 2 (08167);
- Leading the Pack, Book 3 (08168)

*Volunteer Materials:*
- Dog Group Activity Guide (08169)

**Requirements**

- Complete a minimum of 7 required/optional activities each year.
- Finish at least 21 of the required and optional activities within 3 years to pass each book.
- Have your project volunteer date (month and year) and initial each activity when it is finished.
- Give an oral presentation (speech, demonstration, or illustrated talk) related to this project.
- Complete:
  - 4-H Project Record Book (91950)
  - 4-H Involvement Report (91910)

*Note: You do not need to own a dog to complete Book 1.*

**Exhibit**

- 4-H Project Record Book (91950)
- 4-H Involvement Report (91910) – to be submitted to your club leader prior to fair

*plus,*

A poster, display or notebook (as defined in the 4-H Project Requirement Handbook Glossary of Terms) illustrating something you learned in this project year.

*Additional copies of the 4-H Project Requirement Handbook Glossary of Terms are available at the Extension Office.*

---

**Dog Optional Supporting Materials:**


_Grooming and Handling Dogs (#72406)_

# ELECTRICITY

| Projects |
|-----------------|-----------------|-----------------|
| Youth Materials: | Requirements: | Exhibit: |
| 4-H Involvement Report (91910) | Complete at least 3 Required Activities and 4 Optional Activities each year. Finish at least 21 of the required and optional activities within 3 years to pass each book. Participate in at least 2 leadership experiences a year. Have your project volunteer date (month and year) and initial each activity when it is finished. Give an oral presentation (speech, demonstration, or illustrated talk) related to this project. Complete: | 4-H Project Record Book (91950) |
| 4-H Project Record Book (91950) | • 4-H Project Record Book (91950) | 4-H Involvement Report (91910) – to be submitted to your club leader prior to fair plus, |
| Magic of Electricity, Book 1 (06848) | • 4-H Involvement Report (91910) | A poster, display or notebook (as defined in the 4-H Project Requirement Handbook Glossary of Terms) illustrating something you learned in this project this year OR |
| Investigating Electricity, Book 2 (06849) | One (1) item from the list below for the book you are enrolled in; select a different item to exhibit for the second and third year within a given book |
| Wired for Power, Book 3 (06850) | Note: Exhibits must utilize only skills, tools, and techniques taught in that project book or previous levels. |
| Entering Electronics, Book 4 (06851) | {Additional copies of the 4-H Project Requirement Handbook Glossary of Terms are available at the Extension Office.} |

## Electricity Optional Supporting Materials:
None at this time
ELECTRICITY (cont.)

Book 1, The Magic of Electricity (BU-6848)
• Homemade Flashlight
• Simple Switch
• Circuit with 2 batteries and 1 light bulb
• Compass
• Electromagnet
• Galvanometer
• Electric motor

Book 2, Investigating Electricity (BU-6849)
• Circuit diagrams with explanation
• Series Circuit
• Parallel Circuit
• Momentary switch
• 3-way switch
• Soldered Connection
• Rocket launcher
• Burglar alarm

Book 3, Wired for Power (BU-6850)
• Electrical tool and supply kit
• Display of symbols on wires and cables and their meaning
• Display of light bulbs and the jobs they do best
• Poster on how to read an appliance nametag
• Chart showing the electrical usage of appliances
• Poster on how to replace a switch

Book 4, Entering Electronics (BU-6851)
• Display of electronic parts
• Diode
• Transistor
• Light Emitting diode (LED)
• LED flasher
• Photocell alarm
• Light meter
• Silicon controlled rectifier (SCR) intruder alarm
• 6-8 watt amplifier with integrated circuit
**ENTOMOLOGY**

<table>
<thead>
<tr>
<th>Projects</th>
<th>Requirements</th>
<th>Exhibit</th>
</tr>
</thead>
</table>
| Youth Materials:  
4-H Involvement Report (91910)  
4-H Project Record Book (91950)  
Basic Entomology, Book 1 (4-H1335)  
Advanced Entomological Techniques, Book 2 (4H1336)  
Insect Life Cycle Studies, Book 3 (4H1406)  
Kootenai/Shoshone 4-H Entomology Labels (available as an Excel File) | Complete a minimum of 7 activities each year.  
Books can be repeated (3 years in each book) with additional skills learned and expanded collections or new options exhibited each year.  
Give an oral presentation (speech, demonstration, or illustrated talk) related to this project.  
Complete:  
• 4-H Project Record Book (91950)  
• 4-H Involvement Report (91910) | 4-H Project Record Book (91950)  
4-H Involvement Report (91910) – to be submitted to your club leader prior to fair  
**plus,**  
The corresponding exhibit item(s) for the Book and year within that level shown below.  
**Note:** Exhibits must utilize only skills, tools, and techniques taught in that project book or previous levels.  
{**[Note: See the 4-H Project Requirement Handbook Glossary of Terms for exhibit sizes and regulations – additional copies are available at the Extension Office.]**} |

**Volunteer Materials:**  
4-H Entomology Leader’s Guide (4H1479)  
Kootenai/Shoshone 4-H Entomology Labels (available as an Excel File)  

**Entomology Optional Supporting Materials:**  
*Additional Resource Sites* - [http://4h.msue.msu.edu/resources/entomology_orgs_websites](http://4h.msue.msu.edu/resources/entomology_orgs_websites)  
*Preparing Insect Specimens for Exhibit* (#82358)  
*Bug Guide from Iowa State University* online at: [http://bugguide.net/node/view/15740](http://bugguide.net/node/view/15740)  

Insect collection exhibit boxes should be appropriate for collection size (approximately 18” x 12” for 25 insects or 18” x 24” for 50 insects, and about 3” to 3½ ” deep). Boxes should be covered with a glass/plexiglass/clear plastic lid that can be removed. All insects in collections must be mounted, labeled and identified to order, and should be organized by order. For members in their fourth year and over, a specified number of insects will need to be identified and organized by family. All insects must be pinned by the 4-H member; if collected in a different geographic region or by another person it must be noted on the insect label and in the member’s record book. The majority of the insects displayed should be collected by the member.

Performance in preparation of each collection shall require adherence to proper pinning and labeling methods as described in the 4-H entomology project materials and other recognized sources. Specimens shall be undamaged, and if moths or butterflies, the wings shall be properly spread. On insects other than moths or butterflies, spreading legs is required but spreading wings is optional, but shall receive recognition if done. Arrangements shall be neat and uniform in such a manner that anyone examining the collection can understand the groupings.
Educational displays may consist of specialized groupings of insects, or related to any aspect of insect life. Displays should be presented in a clear, concise and interesting manner. The purpose of educational displays is to learn more about the importance, life cycles, biology, ecology, diversity, etc. of insects. Subject matter can be as varied as the insects themselves.

For Exhibiting purposes members need to select one of the following options: mounted display, an entomological science display or a special entomological skills display. If a members selects one of the Entomological Science or Special Entomological Skills options they may only select options they have not exhibited before.

**Mounted Display (by book and year):**

<table>
<thead>
<tr>
<th>Book</th>
<th>Year in Book</th>
<th>Different Species</th>
<th>Different Orders</th>
<th>New Insects per year</th>
<th>Identification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basic Entomology</td>
<td>1</td>
<td>15</td>
<td>5</td>
<td>20</td>
<td>Order</td>
</tr>
<tr>
<td>Basic Entomology</td>
<td>2</td>
<td>25</td>
<td>8</td>
<td>20</td>
<td>Order</td>
</tr>
<tr>
<td>Basic Entomology</td>
<td>3</td>
<td>40</td>
<td>10</td>
<td>20</td>
<td>Order</td>
</tr>
<tr>
<td>Advanced Entomological</td>
<td>1</td>
<td>60</td>
<td>14</td>
<td>25</td>
<td>Order &amp; at least 20 by Family</td>
</tr>
<tr>
<td>Techniques</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Advanced Entomological</td>
<td>2</td>
<td>80</td>
<td>15</td>
<td>25</td>
<td>Order &amp; at least 40 by Family</td>
</tr>
<tr>
<td>Techniques</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Advanced Entomological</td>
<td>3</td>
<td>100*</td>
<td>15</td>
<td>25</td>
<td>Order &amp; at least 60 by Family</td>
</tr>
<tr>
<td>Techniques</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Insect Life Cycles</td>
<td>1</td>
<td>120*</td>
<td>15</td>
<td>50</td>
<td>Order &amp; at least 80 by Family</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Insect Life Cycles</td>
<td>2</td>
<td>140*</td>
<td>15</td>
<td>50</td>
<td>Order &amp; at least 100 by Family</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Insect Life Cycles</td>
<td>3</td>
<td>160*</td>
<td>16</td>
<td>50</td>
<td>Order &amp; at least 120 by Family</td>
</tr>
</tbody>
</table>

*Insects for collection may be adult and/or immature phases or both sexes of one species. Each counts independently towards collection requirements.

**Or,**

Entomological Science: (choose 1 that you have not done before)

Option 1 (Basic Entomology book only) – Special collections: Collect, prepare and preserve 25 different insect immatures (nymphs and larvae) or 25 noninsect arthropods or 25 species from a single order. Include a 1 page report.

Option 2 (any book) – Economic entomology: Collect, preserve and exhibit 30 different economic insects (pests and beneficials, adults and immatures) and include a one page report on their relationship to human society.

Option 3 (any book) – Entomological studies: Can include slides, photos, observations, live specimen exhibits, identification demonstrations or drawings. Exhibit as a poster, display or notebook. Include a one page report.

Option 4 (Insect Life Cycles book only) – Entomological experiments: Can include experiments in biology, ecology, genetics or behavior of insects. Exhibit as a poster, display or notebook. Include a one page report.

**Or,**

Special Entomological Skills: (choose 1 that you have not done before)

Option 1 (any book) – Illustration: Prepare at least 5 illustrations (any medium) of insects showing form, habits, life cycle or other interesting information.

Option 2 (Advanced Entomological Techniques or Insect Life Cycles books only) – Laminations: Prepare at least 20 wing laminations, including a name for each species.

Option 3 (Advanced Entomological Techniques or Insect Life Cycles books only) – Plastic embedments: Prepare at least five plastic embedments of various insects and arthropods and include names of species.
## Projects

**Youth Materials:**
- 4-H Involvement Report (91910)
- 4-H Project Record Book (91950)
- 4-H Beekeeping Manual (UNH 002759)
- Kootenai/Shoshone Beekeeping Checklist

**Volunteer Materials:**
- 4-H Beekeeping Manual (UNH 002759)

## Requirements

- Complete a minimum of 7 activities each year on the Beekeeping Checklist.
- Book can be repeated with additional skills learned and expanded collections or new options exhibited each year.
- Own or have access to a hive to observe.
- Give an oral presentation (speech, demonstration, or illustrated talk) related to this project.
- Complete:
  - 4-H Project Record Book (91950)
  - 4-H Involvement Report (91910)

## Exhibit

- 4-H Project Record Book (91950)
- 4-H Involvement Report (91910) – to be submitted to your club leader prior to fair
- Kootenai/Shoshone Beekeeping Checklist

*plus,*

A poster, display or notebook (as defined in the 4-H Project Requirement Handbook Glossary of Terms) illustrating something you learned in this project this year

No live bees are to be exhibited at fair.

*[Note: See the 4-H Project Requirement Handbook Glossary of Terms for exhibit sizes and regulations – additional copies are available at the Extension Office.]*
<table>
<thead>
<tr>
<th>Projects</th>
<th>Requirements</th>
<th>Exhibit</th>
</tr>
</thead>
</table>
| Cooking 101       | Complete 2 learning activities or experiments from manual and document in the activity log. Prepare 1-2 dishes from each of the recipe sections: snacks, side dishes, quick breads, main dishes, desserts. Complete the project checklist on page 6 of the manual. Give an oral presentation (speech, demonstration or illustrated talk) related to this project. Complete:  
• 4-H Involvement Report (#91910)  
• 4-H Project Record Book (#91950) | 4-H Project Record Book (91950)  
4-H Involvement Report (91910) – to be submitted to your club leader prior to fair A non-refrigerated food item you have learned about by taking this project. Include the recipe, neatly written (or typed), on a 3” x 5” or a 4” X 6” recipe card. Note: Foods such as biscuits or cookies display well in a fair setting. Exhibits using raw eggs or egg whites, cream cheese, whipped cream, or other ingredients that require refrigeration should not be used. |
| Youth Materials:  | 4-H Involvement Report (91910)  
4-H Project Record Book (91950)  
Cooking 101 (01512Y) | 4-H Project Record Book (91950)  
4-H Involvement Report (91910) |
| Volunteer Materials: | 4-H Cooking 101 Manual (01512Y)  
4-H Cooking Helper’s Guide (#01516F) | |

Updated Food Pyramid Information at: [www.choosemyplate.gov](http://www.choosemyplate.gov)
### Projects

**Cooking 201**

- **Skill Level** — Beginner/Intermediate
- **Suggested 2 year project**

**Youth Materials:**
- 4-H Involvement Report (91910)
- 4-H Project Record Book (91950)
- 4-H Cooking 201 Manual (01513Y)

**Volunteer Materials:**
- 4-H Cooking 201 Manual (01513Y)
- 4-H Cooking Helper’s Guide (#01516F)

### Requirements

- Complete 2 learning activities or experiments from manual and document in the record activity log.
- Prepare 1-2 dishes from each of the recipe sections: snacks, side dishes, quick breads, main dishes, desserts.
- Complete the project checklist on page 7 of the manual.
- Give an oral presentation (speech, demonstration or illustrated talk) related to this project.

**Complete:**
- 4-H Involvement Report (#91910)
- 4-H Project Record Book (#91950)

### Exhibit

- 4-H Project Record Book (91950)
- 4-H Involvement Report (91910) — to be submitted to your club leader prior to fair

A non-refrigerated food item you have learned about by taking this project.

*Include the recipe, neatly written (or typed), on a 3” x 5” or a 4” x 6” recipe card.*

Note: Foods such as cheese biscuits, muffins, and coffee cake display well in a fair setting. Exhibits using raw eggs or egg whites, cream cheese, whipped cream, or other ingredients that require refrigeration should not be used.

Updated Food Pyramid Information at: [www.choosemyplate.gov](http://www.choosemyplate.gov)
<table>
<thead>
<tr>
<th>Projects</th>
<th>Requirements</th>
<th>Exhibit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cooking 301</td>
<td>Complete 2 learning activities or experiments from manual and document in the record activity log.</td>
<td>4-H Project Record Book (91950)</td>
</tr>
<tr>
<td>Skill Level – Intermediate/Advanced</td>
<td>Prepare 1-2 dishes from each of the recipe sections: snacks, side dishes, quick breads, main dishes, desserts.</td>
<td>4-H Involvement Report (91910) – to be submitted to your club leader prior to fair</td>
</tr>
<tr>
<td>Suggested 3 year project</td>
<td>Plan and complete a party each year of the project.</td>
<td>A non-refrigerated food item you have learned about by taking this project.</td>
</tr>
<tr>
<td>Youth Materials:</td>
<td>Complete the project checklist on page 7 of the manual.</td>
<td>Include the recipe, neatly written (or typed), on a 3” x 5” or a 4” x 6” recipe card.</td>
</tr>
<tr>
<td>4-H Involvement Report (91910)</td>
<td>Give an oral presentation (speech, demonstration or illustrated talk) related to this project.</td>
<td>Note: Foods such as quick breads, homemade master mix, and biscuits display well in a fair setting. Exhibits using raw eggs or egg whites, cream cheese, whipped cream, or other ingredients that require refrigeration should not be used.</td>
</tr>
<tr>
<td>4-H Project Record Book (91950)</td>
<td>Complete:</td>
<td></td>
</tr>
<tr>
<td>4-H Cooking 301 Manual (01514Y)</td>
<td>• 4-H Involvement Report (#91910)</td>
<td></td>
</tr>
<tr>
<td>Volunteer Materials:</td>
<td>• 4-H Project Record Book (#91950)</td>
<td></td>
</tr>
<tr>
<td>4-H Cooking 301 Manual (01514Y)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4-H Cooking Helper’s Guide (#01516F)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Updated Food Pyramid Information at:</td>
<td></td>
<td></td>
</tr>
<tr>
<td><a href="http://www.choosemyplate.gov">www.choosemyplate.gov</a></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Projects</td>
<td>Requirements</td>
<td>Exhibit</td>
</tr>
<tr>
<td>------------------</td>
<td>-----------------------------------------------------------------------------</td>
<td>-------------------------------------------------------</td>
</tr>
<tr>
<td><strong>Cooking 401</strong></td>
<td>Skill Level – Advanced</td>
<td>4-H Project Record Book (91950)</td>
</tr>
<tr>
<td></td>
<td>Suggested 3 year project</td>
<td>4-H Involvement Report (91910) – to be submitted to your club leader prior to fair</td>
</tr>
<tr>
<td>Youth Materials:</td>
<td>4-H Involvement Report (91910)</td>
<td>A non-refrigerated food item you have learned about by taking this project.</td>
</tr>
<tr>
<td></td>
<td>4-H Project Record Book (91950)</td>
<td>Include the recipe, neatly written (or typed), on a 3” x 5” or a 4” x 6” recipe card.</td>
</tr>
<tr>
<td></td>
<td>4-H Cooking 401 Manual (01515Y)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Volunteer Materials:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>4-H Cooking 401 Manual (01515Y)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>4-H Cooking Helper’s Guide (01516F)</td>
<td></td>
</tr>
<tr>
<td></td>
<td><em>Updated Food Pyramid Information at:</em></td>
<td></td>
</tr>
<tr>
<td></td>
<td><a href="http://www.choosemyplate.gov">www.choosemyplate.gov</a></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Complete 2 learning activities or experiments from manual or a self-developed activity written up in detail for project manual.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Prepare 1-2 dishes from each of the recipe sections: snacks, side dishes, quick breads, main dishes, desserts.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Plan and complete a celebration meal each year of project.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Complete the project checklist on page 7 of the manual.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Give an oral presentation (speech, demonstration or illustrated talk) related to this project.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Complete:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• 4-H Involvement Report (#91910)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• 4-H Project Record Book (#91950)</td>
<td></td>
</tr>
</tbody>
</table>
| **FOODS & NUTRITION**  
| **(cont.)** |
| **Dutch Oven Cooking**  
Youth Materials:  
4-H Involvement Report (91910)  
4-H Project Record Book (91950)  
*Dutch Oven Cooking Unit 1 – Revised (53144)*  
*Recipes for Dutch Oven Cooking-Revised (53150)* [these items are combined into one book]  
Volunteer Materials: None |
| {Suggested for ages 12-18} |
| Complete all of the reflection questions and complete 3 beyond cooking activities each year. This project may be repeated.  
Prepare at least one dish from each category each year:  
Soup or Stew  
One-Dish meal  
Vegetable  
Quick Bread  
Dessert  
Breakfast item  
Cooking on the Lid  
Create a recipe file or book that includes everything you cooked plus additional recipes for a minimum total of 11 recipes.  
Give an oral presentation (speech, demonstration or illustrated talk) related to this project.  
Complete:  
• 4-H Project Record Book (91950)  
• 4-H Involvement Report (91910) |
| 4-H Project Record Book (91950),  
4-H Involvement Report (91910) – to be submitted to your club leader prior to fair  
Your recipe file or book with a minimum of 11 recipes  
A non-refrigerated food item you have learned about by taking this project.  
*Include the recipe, neatly written (or typed), on a 3” x 5” or a 4” x 6” recipe card.*  
Or for non-fair exhibits you may also create a poster (14” x 22”) or a display illustrating what you learned in this project this year.  
Note: Foods such as a breads or cakes display well in a fair setting. Exhibits using raw eggs or egg whites, cream cheese, whipped cream, or other ingredients that require refrigeration should not be used. |
### FOODS & NUTRITION (cont.)

<table>
<thead>
<tr>
<th>Projects</th>
<th>Requirements</th>
<th>Exhibit</th>
</tr>
</thead>
</table>
| Baking 1       | Review the Eating Well and Getting Ready to Bake sections with your volunteer. Make baking powder biscuits; evaluate your product with the judging sheet provided on page 15. Make at least one type of muffin; evaluate your product with the judging sheet provided on page 19. Make at least one type of cookie; evaluate your product with the judging sheet provided on page 28. Become involved in at least one Service/Leadership activity. Give an oral presentation (speech, demonstration, or illustrated talk) related to this project. Complete:  
  - 4-H Project Record Book (91950)  
  - 4-H Involvement Report (91910) | 4-H Project Record Book (91950)  
 4-H Involvement Report (91910) – to be submitted to your club leader prior to fair  
Exhibit one of the following:  
- Three biscuits  
- Three plain muffins  
- Three chocolate chip cookies  
- Three sugar cookies – round, plain, uniced  
- Three oatmeal cookies  
- Three peanut butter cookies  
*Include the recipe, neatly written (or typed) on a 3” x 5”or a 4”x 6” recipe card.*  
Or for non-fair exhibits you may also create a Poster (14” x 22”) or a display illustrating what you learned in this project this year.  
Note: Exhibits using raw eggs or egg whites, cream cheese, whipped cream, or other ingredients that require refrigeration should not be used. |
| Youth Materials:  
Biscuits, muffins, pancakes and cookies |  
| 4-H Involvement Report (91910)  
4-H Project Record Book (91950)  
Baking 1 Manual (EC111) |  
Volunteer Materials:  
*Same as Youth Materials* |  
Note: You may substitute the recipes in the book with recipes for like items. The recipe for the exhibit item must be submitted with the entry. |
## Projects

<table>
<thead>
<tr>
<th>Baking 2</th>
<th>Baking Quick Breads and Cookies</th>
</tr>
</thead>
<tbody>
<tr>
<td>Youth Materials:</td>
<td>4-H Involvement Report (91910)</td>
</tr>
<tr>
<td>4-H Project Record Book (91950)</td>
<td></td>
</tr>
<tr>
<td>Baking 2 Manual (EC112)</td>
<td></td>
</tr>
<tr>
<td>Volunteer Materials:</td>
<td>Same as Youth Materials</td>
</tr>
</tbody>
</table>

## Requirements

- Review the Eating Well and Getting Ready to Bake, Let’s Talk About Ingredients, Let’s Look at Equipment and More Baking Terms sections with your volunteer.
- Make at least one quick loaf bread; evaluate your product with the judging sheet provided on page 22.
- Make at least one coffee cake; evaluate your product with the judging sheet provided on page 26.
- Make at least one type of cookie or bar; evaluate your product with the judging sheet provided on page 35.
- Make gingerbread
- Make corn bread
- Become involved in at least one Service/Leadership activity.
- Give an oral presentation (speech, demonstration, or illustrated talk) related to this project.

**Complete:**
- 4-H Project Record Book (91950)
- 4-H Involvement Report (91910)

**Note:** You may substitute the recipes in the book with recipes for like items. The recipe for the exhibit item must be submitted with the entry.

## Exhibit

- 4-H Project Record Book (91950)
- 4-H Involvement Report (91910) – to be submitted to your club leader prior to fair

**Exhibit one of the following:**
- Nut bread (one loaf)
- Banana bread (one loaf)
- Zucchini bread (one loaf)
- Coffee cake (2 - 3”x3” squares or wedges)
- Bar Cookies/Brownies (3 – 3”x3” squares)
- Shaped or Thumbprint cookies (3 cookies)
- Refrigerator cookies (3 cookies)
- Gingerbread (2 – 3”x3” squares)
- Corn Bread (2 – 3”x3” squares)

Include the recipe, neatly written (or typed) on a 3” x 5” or a 4” x 6” recipe card.

**Note:** Exhibits using raw eggs or egg whites, cream cheese, whipped cream, or other ingredients that require refrigeration should not be used.
<table>
<thead>
<tr>
<th>Projects</th>
<th>Requirements</th>
<th>Exhibit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Baking 3 Baking Yeast Breads</td>
<td>Review the Teen Health and the Goodness of Bread sections with your volunteer. Make at least one loaf of Fast French Bread. Make at least one type of bread rolls. Make at least one type of yeast bread; evaluate your product with the judging sheet provided on page 27. Make at least one type of microwave bread. If equipment is available, make at least one type of bread with a bread machine. Become involved in at least one Service/Leadership activity. Give an oral presentation (speech, demonstration, or illustrated talk) related to this project. Complete: • 4-H Project Record Book (91950) • 4-H Involvement Report (91910) Note: You may substitute the recipes in the book with recipes for like items. The recipe for the exhibit item must be submitted with the entry.</td>
<td>4-H Project Record Book (91950) 4-H Involvement Report (91910) – to be submitted to your club leader prior to fair Exhibit one of the following: • French Bread (one loaf) • Three basic yeast rolls, any shape • Three refrigerator rolls, any shape • White or Whole Wheat yeast bread (one loaf) • Multi Grain bread (one loaf) • Three bread sticks • Shaped bread, such as bears, lions or owl (one loaf) • Microwave bread (one loaf) • White or Whole Wheat bread using a bread machine (one loaf) Include the recipe, neatly written (or typed) on a 3” x 5” or a 4” x 6” recipe card. Or for non-fair exhibits you may also create a Poster (14” x 22”) or a display illustrating what you learned in this project this year. Note: Exhibits using raw eggs or egg whites, cream cheese, whipped cream, or other ingredients that require refrigeration should not be used.</td>
</tr>
<tr>
<td>Youth Materials: 4-H Involvement Report (91910) 4-H Project Record Book (91950) Baking 3 Manual (EC113)</td>
<td>Available as a download from North Dakota State University; <a href="http://www.ndsu.edu/fileadmin/4h/EC113.pdf">www.ndsu.edu/fileadmin/4h/EC113.pdf</a> Volunteer Materials: Same as Youth Materials</td>
<td></td>
</tr>
</tbody>
</table>


### FOODS & NUTRITION

(cont.)

<table>
<thead>
<tr>
<th>Projects</th>
<th>Requirements</th>
<th>Exhibit</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Baking 4 A Cakes</strong>&lt;br&gt;Youth Materials: 4-H Involvement Report (91910) 4-H Project Record Book (91950) Baking 4 Manual (EC114) Volunteer Materials: <em>Same as Youth Materials</em></td>
<td>Review the Eating Well and Cake Science sections with your volunteer. Conduct at least one Cake Science experiment (page 10 &amp; 11), record your findings and answer the questions in the manual about the experiment. Make at least one yellow, sponge or oatmeal cake with frosting. Make at least one cake using a packaged mix and compare with your “scratch” cake using the criteria on page 18. Become involved in at least one Service/Leadership activity. Complete at least one Career Exploration activity on page 19. Give an oral presentation (speech, demonstration, or illustrated talk) related to this project. Complete: • 4-H Project Record Book (91950) • 4-H Involvement Report (91910) Note: You may substitute the recipes in the book with recipes for like items. The recipe for the exhibit item must be submitted with the entry.</td>
<td>4-H Project Record Book (91950) 4-H Involvement Report (91910) – to be submitted to your club leader prior to fair Exhibit one of the following: • Frosted yellow cake • Frosted or unfrosted sponge cake • Frosted or unfrosted oatmeal cake Include the recipe, neatly written (or typed) on a 3” x 5” or a 4” x 6” recipe card. Or for non-fair exhibits you may also create a Poster (14” x 22”) or a display illustrating what you learned in this project this year. Note: Exhibits using raw eggs or egg whites, cream cheese, whipped cream, or other ingredients that require refrigeration should not be used.</td>
</tr>
<tr>
<td>Projects</td>
<td>Requirements</td>
<td>Exhibit</td>
</tr>
<tr>
<td>-----------------------</td>
<td>------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------</td>
<td>------------------------------------------------------------------------</td>
</tr>
<tr>
<td><strong>Baking 4 B</strong></td>
<td><strong>Youth Materials:</strong> 4-H Involvement Report (91910) 4-H Project Record Book (91950) Baking 4 Manual (EC114) up as a download from North Dakota State University; [<a href="http://www.ndsu.edu/fileadmin/4h(EC114.pdf">www.ndsu.edu/fileadmin/4h(EC114.pdf</a>](<a href="http://www.ndsu.edu/fileadmin/4h(EC114.pdf)">www.ndsu.edu/fileadmin/4h(EC114.pdf)</a></td>
<td>4-H Project Record Book (91950) 4-H Involvement Report (91910) – to be submitted to your club leader prior to fair</td>
</tr>
<tr>
<td>Pies and Pastries</td>
<td>Review the Eating Well and Cake Science sections with your volunteer. Make a one-crust baked pie crust and rate it using the score sheet on page 25. Conduct at least one of the following and record your findings and answer the questions in the book;</td>
<td>Exhibit one of the following:</td>
</tr>
<tr>
<td></td>
<td>• Pastry - Let’s Experiment on pages 26-28 • Filling – Let’s Experiment on pages 35-37 • Thickening Agent – Let’s Experiment on pages 35-37 • Pie comparison (compare a frozen ready-to-bake pie to your “scratch” pie) using the criteria on page 58</td>
<td>• One 8 or 9 inch fruit pie</td>
</tr>
<tr>
<td></td>
<td>Make at least one type of cream pie with meringue; evaluate your product with the judging sheet provided on page 46 Make at least one type of fruit pie with a double crust; evaluate your product using the judging sheet provided on page 50 Make at least one type of empanada or turnover; evaluate your product using the judging sheet on page 54 Become involved in at least one Service/Leadership activity.</td>
<td>• Two fruit filled empanadas or turnovers</td>
</tr>
<tr>
<td></td>
<td>Complete at least one Career Exploration activity on page 19. Give an oral presentation (speech, demonstration, or illustrated talk) related to this project.</td>
<td>Include the recipe, neatly written (or typed) on a 3” x 5” or a 4” x 6” recipe card.</td>
</tr>
<tr>
<td></td>
<td>Complete: • 4-H Project Record Book (91950) • 4-H Involvement Report (91910)</td>
<td>Or for non-fair exhibits you may also create a Poster (14” x 22”) or a display illustrating what you learned in this project this year.</td>
</tr>
<tr>
<td></td>
<td>Note: You may substitute the recipes in the book with recipes for like items. The recipe for the exhibit item must be submitted with the entry.</td>
<td>Note: Exhibits using raw eggs or egg whites, cream cheese, whipped cream, or other ingredients that require refrigeration should not be used.</td>
</tr>
</tbody>
</table>

**Volunteer Materials:** *Same as Youth Materials*
### Projects

**Food Preservation Drying**

Youth Materials:
- 4-H Involvement Report (#91910)
- 4-H Project Record Book (#91950)
- Food Preservation Drying Manual (PNW #651)

Volunteer Materials:
- Food Preservation Drying Manual (PNW #651)

Additional Resources:
- Ball Blue Book of Preserving National Center for Home Food Preservation available at [http://www.uga.edu/nchf](http://www.uga.edu/nchf)

### Requirements

Complete four or more activities each year. Maintain the journal for each of your activities. Record your challenges and observations. Answer at least two questions from the Reflection section. Become involved in at least one Citizenship/Leadership activity. Give an oral presentation (speech, demonstration or illustrated talk) related to this project.

Complete the following:
- 4-H Involvement Report (#91910)
- 4-H Project Record Book (#91950)

Optional: Complete a menu plan using food preserved in this project

### Exhibit

- 4-H Project Record Book (91950) and Food Preservation Record Supplement (C0781)
- Food Preservation Drying Manual (PNW #651)
- 4-H Involvement Report (91910) – to be submitted to your club leader prior to fair

**plus,**

3 Dehydrated food items, in approved storage containers, from the following list:
- 4 inch or larger square of fruit leather
- ½ cup of trail mix
- 1 Tbsp. of dried Herbs
- 4 pieces of Meat Jerky (min. of 2 inches long)
- 4 pieces of dried fruit
- 4 pieces or 2 tbsp. (if small product) of dried vegetables

Label all items with the following information:
- Name, type and variety of food
- Date preserved
- Any pretreatment used
- Method used for dehydration
- Length of time dehydrated

Note: All dehydrated food items exhibited must be made using recipes from the project manual or the additional resource list.
**FOODS & NUTRITION**

*(cont.)*

<table>
<thead>
<tr>
<th>Projects</th>
<th>Requirements</th>
<th>Exhibit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Freezing</td>
<td>Complete four or more activities each year. Maintain the journal for each of your activities. Record your challenges and observations. Answer at least two questions from the Reflection section. Become involved in at least one Citizenship/Leadership activity. Give an oral presentation (speech, demonstration or illustrated talk) related to this project. Complete the following: • 4-H Involvement Report (#91910) • 4-H Project Record Book (#91950) Optional: Complete a menu plan using food preserved in this project.</td>
<td>4-H Project Record Book (91950) and Food Preservation Freezing Manual (PNW650) a Poster (14” x 22”) or a display illustrating what you learned in this project this year. Plus: 1 frozen food item, in approved storage container, from the following list: • A freezer jam • A frozen fruit • A frozen vegetable • One frozen meat • A frozen prepared fruit • A frozen main dish or combination casserole Note: All frozen food items exhibited must be made using recipes from the project manual or the additional resource list. Label all items with the following information: • Name, type and variety of food • Date preserved • The “Use By” date • Any pretreatment used • Minutes blanched or pretreatment time Following the judging of frozen food items, fairs without refrigeration will not display perishable items.</td>
</tr>
</tbody>
</table>

Youth Materials:  
*Food Preservation Freezing Manual (PNW #650)*  
4-H Involvement Report (#91910)  
4-H Project Record Book (#91950)

Volunteer Materials:  
*Food Preservation Freezing Manual (PNW #650)*

Additional Resources:  
PNW #2147 – Freezing Fruits and Vegetables  
[link](http://extension.oregonstate.edu/catalog/pdf/pnw/pnw214.pdf)  
Extension Bulletin #1195 – Freezing Meat, Fish and Poultry at Home  
PNW #296 – Freezing Convenience Foods  
[link](http://extension.oregonstate.edu/catalog/pdf/pnw/pnw296.pdf)  
Ball Blue Book of Preserving National Center for Home Food Preservation available at  
[link](http://www.uga.edu/nchfp)
FOODS & NUTRITION (cont.)

<table>
<thead>
<tr>
<th>Projects</th>
<th>Requirements</th>
<th>Exhibit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiling Water Canning</td>
<td>Complete four or more activities each year. Maintain the journal for each of your activities. Record your challenges and observations. Answer at least two questions from the Reflection section. Become involved in at least one Citizenship/Leadership activity. Give an oral presentation (speech, demonstration or illustrated talk) related to this project. Complete the following: • 4-H Involvement Report (#91910) • 4-H Project Record Book (#91950) Optional: Complete a menu plan using food preserved in this project.</td>
<td>4-H Project Record Book (91950) and Food Preservation Boiling Water Canning Manual (PNW #652) 4-H Involvement Report (91910) – to be submitted to your club leader prior to fair plus, 3 Water Bath Canned food items, in standard canning jars, from the following list: • An pickled product • A fruit product • A jam • A jelly • A tomato product • A relish or chutney product • A preserve or marmalade Label all items with the following information: • Date preserved • Name, type and variety of food • Recipe source and date of publication • Type of processing • Minutes processed Note: All boiling water bath canned food items exhibited must be made using recipes from the project manual or the additional resource list.</td>
</tr>
</tbody>
</table>

Additional Resources:
- PNW #300 – Canning Tomatoes and Tomato Products [http://ir.library.oregonstate.edu/xmlui/bitstream/handle/1957/13728/pnw300.pdf](http://ir.library.oregonstate.edu/xmlui/bitstream/handle/1957/13728/pnw300.pdf)
- Ag. Bull. #539 – USDA Complete Guide to Home Canning
- Ball Blue Book of Preserving National Center for Home Food Preservation available at [http://www.uga.edu/nchfp](http://www.uga.edu/nchfp)

Food & Nutrition Optional Supporting Materials:
- Updated Food Pyramid Information at: [www.choosemyplate.gov](http://www.choosemyplate.gov)
### Pressur Canning

**Ages 14 – 18**

**Youth Materials:**
- Food Preservation Pressure Canning Manual (PNW #653)
- 4-H Involvement Report (#91910)
- 4-H Project Record Book (#91950)

**Volunteer Materials:**
None

**From the manual:**
- Complete four or more activities each year.
- Maintain the journal for each of your activities. Record your challenges and observations.
- Answer at least two questions from the Reflection section.
- Give an oral presentation (speech, demonstration or illustrated talk) related to this project.

**Complete the following:**
- 4-H Involvement Report (#91910)
- 4-H Project Record Book (#91950)
- Optional: Complete a menu plan using food preserved in this project.

**Exhibit**
- 4-H Project Record Book (91950) and Food Preservation Pressure Canning Manual (PNW #653)
- 4-H Involvement Report (91910) – to be submitted to your club leader prior to fair

**plus,**
- 3 Water Bath Canned food items, in standard canning jars.

**Label all items with the following information:**
- Date preserved
- Name, type and variety of food
- Recipe source and date of publication
- Type of processing
- Minutes processed

### Food & Nutrition Optional Supporting Materials:

**Support Materials:**
To download the Food Preservation Pressure Canning manual visit:


**Optional Support Materials:**
- PNW 172 - Canning Vegetables
- PNW 300 – Canning Tomatoes and Tomato Products Ag.
- Bull. #539 - USDA Complete Guide to Home Canning
- So Easy to Preserve (University of Georgia Extension)
- National Center for Home Food Preservation available at: [http://www.uga.edu/nchfp/how/freeze.html](http://www.uga.edu/nchfp/how/freeze.html)
<table>
<thead>
<tr>
<th>Projects</th>
<th>Requirements</th>
<th>Exhibit</th>
</tr>
</thead>
</table>
| Youth Materials:  
4-H Involvement Report (91910)  
4-H Project Record Book (91950)  
*Follow the Path, Level 1* (08038)  
*Reach for the Canopy, Level 2* (08039)  
*Explore the Deep Woods, Level 3* (08040)  
Volunteer Materials:  
*Forestry Helper’s Guide* (08041)  
Complete a minimum of 6 required/optional activities each year.  
Finish at least 20 of the required and optional activities within 3 years to pass each level.  
Have your project volunteer date (month and year) and initial each activity when it is finished.  
Give an oral presentation (speech, demonstration, or illustrated talk) related to this project.  
Complete:  
- 4-H Project Record Book (91950)  
- 4-H Involvement Report (91910)  
4-H Project Record Book (91950)  
4-H Involvement Report (91910) – to be submitted to your club leader prior to fair  
*plus,*  
A poster, display or notebook (as defined in the 4-H Project Requirement Handbook Glossary of Terms) illustrating something you learned in this project this year.  
*Note: Exhibits must utilize only skills, tools, and techniques taught in that project book or previous levels.*  
{Additional copies of the 4-H Project Requirement Handbook Glossary of Terms are available at the Extension Office.}  

Forestry Optional Supporting Materials:  
Idaho Forestry Page: [https://www.uidaho.edu/extension/4h/projects/forestry](https://www.uidaho.edu/extension/4h/projects/forestry)
### Gardening Optional Supporting Materials:

- Oregon 4-H Horticulture Contest Guide – Vegetables (4-H 2334)
- Plant Pals (#63106)

Before planting your garden, review the Oregon 4-H Horticulture Contest Guide – Vegetables (4-H 2334) so that you can select the types of items you would like to exhibit and plant sufficient volume to achieve the number of specimens required for that type. Only vegetables listed in Oregon 4-H Horticulture Contest Guide – Vegetables (4-H 2334) may be exhibited. Any type of herb in a 6” pot may be displayed for Book C exhibits.

Exhibits that do not contain the exact required number of vegetables will not be considered for top overall awards. Exhibits will be judged for uniformity, maturity, physical characteristics, freedom from disease, insects and injury. See Oregon 4-H Horticulture Contest Guide – Vegetables (4-H 2334) for specific details on the number of vegetables to be included in the exhibit, along with tips on preparing your exhibit.

For fair exhibits, members must use only vegetables/herbs grown in their own garden. These vegetables are to be neatly exhibited in a display box (maximum dimensions: 16” x 24” x 4” deep); potted herbs may be placed in the display box or on a small paper/foam plate next to the display box. Large items: watermelons, pumpkins, etc. need not be placed on a plate. Displays should be neat and attractive.
**Book A, See Them Sprout (07162)**

1st Year, Book A members
Collection of three different vegetables you grew.

2nd Year, Book A members
Collection of three different vegetables you grew; at least one vegetable must be something you have not exhibited before.

**Book B, Let’s Get Growing (07163)**

1st Year, Book B members
Collection of four different vegetables you grew.

2nd Year, Book B members
Collection of four different vegetables you grew; at least two vegetables must be something you did not exhibit last year.

**Book C, Take Your Pick (07164)**

1st Year, Book C members
Collection of five different vegetables you grew.

2nd Year, Book C members
Collection of five different vegetables you grew, plus two 6” pots of different herbs.

3rd Year, Book C members
Collection of six different vegetables you grew, plus two 6” pots of herbs that are different from those exhibited the previous year.

**Book D, Growing Profits (07165)**

1st Year, Book D members
Production display of one vegetable you grew.

2nd Year, Book D members
Production display of two different vegetables you grew.

3rd Year, Book D members
Production display of three different vegetables you grew.

Production displays contain 3 times the quantity of vegetables exhibited in a standard collection. (Example: standard collection is 5 potatoes; a production display is 15 potatoes.)
### Junior Master Gardener Horticulture Gardening

**Youth Materials:**
- 4-H Involvement Report (91910)
- 4-H Project Record Book (91950)

**Optional:**
- Whittlesey, L., Seagraves, R., Welsh, D and G. Hall (1999a) *Junior Master Gardener Handbook, Level 1*, Texas Agricultural Extension Service, Texas A & M University, College Station, TX.

**Volunteer Materials:**
- Junior Master Gardener Teacher/Leader Guide, Level 1 (1999) *Texas Agricultural Extension Service, Agricultural Communications 107 Reed McDonald Building, College Station, Texas 77843-2112*

**Requirements**
- Complete a minimum of 7 different JMG activities each year.
- Have your project volunteer date (month and year) and initial a copy of each activity completed for your notebook.
- Give an oral presentation (speech, demonstration or illustrated talk) related to this project.
- Complete:
  - 4-H Project Record Book (91950)
  - 4-H Involvement Report (91910)

**Exhibit**
- 4-H Project Record Book (91950)
- 4-H Involvement Report (91910) – to be submitted to your club leader prior to fair
- A poster, display or notebook (as defined in the 4-H Project Requirement Handbook Glossary of Terms) illustrating something you learned in the project this year.

**OR**
- Something you built or made related to your project.
  - *Additional copies of the 4-H Project Requirement Handbook Glossary of Terms are available at the Extension Office.*

### Jr. Master Gardener Optional Supporting Materials:
<table>
<thead>
<tr>
<th>Projects</th>
<th>Requirements</th>
<th>Exhibit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exploring Spaces, Going Places (GPS &amp; GIS)</td>
<td>Complete a minimum of 7 member required/optional or helper activities each year. Finish at least 21 of the member required and optional and helper activities within 3 years to pass the beginner level. Have your project volunteer date (month and year) and initial each activity when it is finished. Give an oral presentation (speech, demonstration or illustrated talk) related to this project. Complete: 4-H Project Record Book (91950) 4-H Involvement Report (91910)</td>
<td>4-H Project Record Book (91950) 4-H Involvement Report (91910) – to be submitted to your club leader prior to fair plus, A poster, display or notebook (as defined in the 4-H Project Requirement Handbook Glossary of Terms) illustrating something you learned in the project this year. Note: Exhibits must utilize only skills, tools, and techniques taught in that project book or previous levels. {Additional copies of the 4-H Project Requirement Handbook Glossary of Terms are available at the Extension Office.}</td>
</tr>
<tr>
<td>Youth Materials: Exploring Spaces, Going Places CD, (08358) 4-H Involvement Report (91910) 4-H Project Record Book (91950)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Volunteer Materials: Exploring Spaces, Going Places CD, (08358)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Note: The CD contains activities for Level 1, 2, and 3, and a Helper’s Guide.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Geospatial Optional Supporting Materials: None at this time
### GOATS

#### Projects

**Meat Goat**

**Youth Materials:**
- 4-H Involvement Report (91910)
- 4-H Animal Project Record Book (91940)
- Animal Science Checklist

**Member Resources:**
- Just Browsing, Level 1 (07909)
- Growing with Meat Goats, Level 2 (07910)
- Meating the Future, Level 3 (07911)

**Volunteer Materials:**
- Meat Goat Helper’s Guide (07912)

#### Requirements

Choose at least one wether or doe for your Market Goat Project.
- Comply with current USDA Scrapie requirements, secure personal/family premise ID and tags if needed.
- Individually identify each animal with an ear tag and/or tattoo.
- Weigh and provide care for at least all animals on a uniform county feeding period of 55-65 days.
- Provide one or more forms of positive ownership for a minimum of 70 days.
- Animals marketed through a 4-H sponsored event must submit appropriate documentation to meet the federal requirements of Country of Origin Labeling (COOL).
- Complete a minimum of 5 activities from the Animal Science Checklist
- Have your project volunteer date (month and year) and initial each activity when it is completed.
- Participate in a County Approved Quality Assurance program. This must be done prior to the North Idaho Fair Animal Entry deadline.
- Give an oral presentation (speech, demonstration, or illustrated talk) related to this project.
- Complete:
  - 4-H Animal Project Record Book (91940)
  - Market Goat Growth Chart (72160)
  - 4-H Involvement Report (91910)

#### Exhibit

- 4-H Animal Project Record Book (91940), Market Goat Growth Chart (72160), and up to date Animal Science Checklist submitted to County Extension Office by date specified.
- 4-H Involvement Report (91910) – to be submitted to your club leader prior to fair
- Display performance data on exhibit or stall card.
- Exhibit project animal at community, county or other Extension approved livestock show.
- Exhibit one of your project animals in a Goat Fitting and Showing class.

### Alternate and Additional Animals:

If a member weighs in an alternate animal, that individual must maintain records and a growth chart for that animal. If a family weighs in an alternate market animal, at least one individual from that family must maintain records and a growth chart on that animal. If a member has an additional project animal (ie: Jr. Show) that individual must maintain records on that animal along with their North Idaho State Fair animal(s).

### North Idaho State Fair Information:

To be eligible to sell at the North Idaho Fair the goat must have been weighed and tagged for that member at the Spring Weigh in.

**Market Goat Entry Standards**

- Minimum Weight: 60 lbs
- Capped Weight (for Stock Sale Purposes): 110 lbs
- Minimum ADG for Quality Finals: 0.25 lbs/day
### GOATS (cont.)

<table>
<thead>
<tr>
<th>Projects</th>
<th>Requirements</th>
<th>Exhibit</th>
</tr>
</thead>
</table>
| **Breeding Goat** | **Youth Materials:**  
4-H Involvement Report (91910)  
4-H Animal Project Record Book (91940)  
Animal Science Checklist | Choose one or more does for your Breeding Goat Project.  
Comply with current USDA Scrapie requirements, secure personal/family premise ID and tags if needed.  
Individually identify each animal with an ear tag and/or tattoo.  
Provide one or more forms of positive ownership for a minimum of 90 days.  
If a 4-H member leases a project animal, a completed written and signed copy of the lease agreement must be included in the member’s record book.  
Submit Goat Identification Sheet on 4HOnline by June 1st.  
Complete 5 Animal Science Lessons each year with one of the lessons from the Quality Assurance section. The lessons will be separated by Level 1, 2 and 3. Youth should work through the levels as they gain experience in the project.  
Have your project volunteer date (month and year) and initial each activity when it is completed.  
Give an oral presentation (speech, demonstration, or illustrated talk) related to this project.  
Complete:  
- 4-H Animal Project Record Book (91940)  
- Permanent Individual Animal Record (72101) for each project animal  
- 4-H Involvement Report (91910) | 4-H Animal Project Record Book (91940) and Permanent Individual Animal Records (72101) and up to date Animal Science Checklist submitted to County Extension Office by date specified |
| | | 4-H Involvement Report (91910) – to be submitted to your club leader prior to fair |
| | | Exhibit project animal at community, county or other Extension approved livestock show. |
| | | Display requested data on exhibit or stall card. |
| | | Exhibit one of your project animals in a Goat Fitting and Showing class. |

**North Idaho State Fair Information:** Breeding Goat entries need to have a Goat ID submitted on 4HOnline by June 1st and be individually identified on the North Idaho Fair 4-H Animal Entry by ear tag, tattoo, etc. and entered in the appropriate quality/age division. Failure to do so may result in disqualification from quality classes.  
Does must have kidded by 20 months of age to be eligible for exhibit.
## GOATS (cont.)

<table>
<thead>
<tr>
<th>Projects</th>
<th>Requirements</th>
<th>Exhibit</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Dairy Goat</strong>&lt;br&gt;Youth Materials:&lt;br&gt;4-H Involvement Report (91910)&lt;br&gt;4-H Animal Project Record Book (91940)&lt;br&gt;&lt;br&gt;<strong>Member Resources:</strong>&lt;br&gt;Getting Your Goat, Book 1 (08352)&lt;br&gt;Stepping Out, Book 2 (08353)&lt;br&gt;Showing the Way, Book 3 (08354)&lt;br&gt;&lt;br&gt;<strong>Volunteer Materials:</strong>&lt;br&gt;Goat Group Activity Guide (08355)&lt;br&gt;Dairy Goats/Breeding/Feeding/Management (72557).</td>
<td>Choose and provide primary care for one or more does for your Dairy Goat project.&lt;br&gt;Comply with current USDA Scrapie requirements, secure personal/family premise ID and tags if needed.&lt;br&gt;Provide one or more forms of positive ownership for a minimum of 90 days.&lt;br&gt;Individually identify each animal with an ear tag and/or tattoo.&lt;br&gt;If a 4-H member leases a project animal, a completed written and signed copy of the lease agreement must be included in the member’s record book.&lt;br&gt;Submit Animal ID on 4HOnline by June 1st.&lt;br&gt;Complete a minimum of 7 required/optional activities, plus the required number of Learning Experiences (pg. 3) each year.&lt;br&gt;Finish at least 21 of the required and optional activities within 3 years to pass each book.&lt;br&gt;Have your project volunteer date (month and year) and initial each activity when it is completed.&lt;br&gt;Give an oral presentation (speech, demonstration, or illustrated talk) related to this project.&lt;br&gt;Complete:&lt;br&gt;• 4-H Animal Project Record Book (91940)&lt;br&gt;• Permanent Individual Animal Record (72101) for each project animal&lt;br&gt;• 4-H Involvement Report (91910)</td>
<td>4-H Animal Project Record Book (91940) and Permanent Individual Animal Records (72101)&lt;br&gt;4-H Involvement Report (91910) – to be submitted to your club leader prior to fair&lt;br&gt;Exhibit project animal at community, county or other Extension approved livestock show.&lt;br&gt;Display requested data on exhibit or stall card.&lt;br&gt;Exhibit one of your project animals in a Goat Fitting and Showing class.</td>
</tr>
</tbody>
</table>

### North Idaho State Fair Information: Dairy Goat entries need to have a Goat ID Sheet submitted on 4HOnline by June 1st and be individually identified on the North Idaho Fair 4-H Animal Entry Form by ear tag, tattoo, etc. and entered in the appropriate quality/age division. Failure to do so may result in disqualification from quality classes. Does must have freshened by 24 months of age to be eligible for exhibit.
## GOATS (cont.)

<table>
<thead>
<tr>
<th>Projects</th>
<th>Requirements</th>
<th>Exhibit</th>
</tr>
</thead>
</table>
| **Pack Goat**             | Own and care for at least 1 wether or doe pack goat of any breed or mixed breed for at least 90 days.  
                            | Comply with current USDA Scrapie requirements, secure personal/family premise ID and tags if needed.  
                            | If a 4-H member leases a project animal, a completed written and signed copy of the lease agreement must be included in the member’s record book.  
                            | **Submit Animal Identification on 4HOnline by June 1st.**  
                            | Complete a minimum of 7 required/optional activities on the pack goat Skills Checklist.  
                            | Have your project volunteer date (month and year) and initial each activity when it is finished.  
                            | Give an oral presentation (speech, demonstration, or illustrated talk) related to this project.  
                            | Complete:  
                            | - 4-H Animal Project Record Book (91940)  
                            | - Permanent Individual Animal Record (72101) for each project animal  
                            | - 4-H Involvement Report (91910)  
                            | **4-H Animal Project Record Book (91940) and Permanent Individual Animal Records (72101)**  
                            | **4-H Involvement Report (91910) – to be submitted to your club leader prior to fair**  
                            | Exhibit project animal at community, county or other Extension approved livestock show.  
                            | Display requested data on exhibit or stall card.  
                            | Exhibit one of your project animals in the Pack Goat class.  
                            | Exhibit one of your project animals in a Goat Fitting and Showing class.  
| Youth Materials:          | **Goat Group Activity Guide (08355)**  
                            | **Pack Goat Guidebook**  
                            | Volunteer Materials:                                                | **Goat Group Activity Guide (08355)**  
                            | **Pack Goat Guidebook**  
                            | **Getting Your Goat, Book 1 (08352)**  
                            | **Stepping Out, Book 2 (08353)**  
                            | **Showing the Way, Book 3 (08354)**  
                            | **Pack goat Skills Checklist (72580)**  
                            | **Pack Goat Guidebook**  
                            | **4-H Animal Project Record Book (91940)**  
                            | **Permanent Individual Animal Record (72101)**  
                            | **4-H Involvement Report (91910)**  
| **4-H Involvement Report (91910)**  
| **4-H Animal Project Record Book (91940)**  
| **Permanent Individual Animal Record (72101)**  
| **4-H Involvement Report (91910)** – to be submitted to your club leader prior to fair**  
| Exhibit project animal at community, county or other Extension approved livestock show.  
| Display requested data on exhibit or stall card.  
| Exhibit one of your project animals in the Pack Goat class.  
| Exhibit one of your project animals in a Goat Fitting and Showing class.  

71
<table>
<thead>
<tr>
<th>Projects</th>
<th>Requirements</th>
<th>Exhibit</th>
</tr>
</thead>
</table>
| Pet/Pygmy Goat Youth Materials: 4-H Involvement Report (91910) 4-H Animal Project Record Book (91940) Getting Your Goat, Book 1 (08352) Stepping Out, Book 2 (08353) Showing the Way, Book 3 (08354) | Own and care for at least 1 wether or doe pet goat of any breed or mixed breed for at least 90 days. Comply with current USDA Scrapie requirements, secure personal/family premise ID and tags if needed. If a 4-H member leases a project animal, a completed written and signed copy of the lease agreement must be included in the member’s record book. **Submit Animal Identification on 4HOnline by June 1**. Complete a minimum of 7 required/optional activities, plus the required number of Learning Experiences (pg. 3) each year. Finish at least 21 of the required and optional activities within 3 years to pass each book. Have your project volunteer date (month and year) and initial each activity when it is finished. Give an oral presentation (speech, demonstration, or illustrated talk) related to this project. Complete:  
- 4-H Animal Project Record Book (91940)  
- Permanent Individual Animal Record (72101) for each project animal  
- 4-H Involvement Report (91910) | 4-H Animal Project Record Book (91940) and Permanent Individual Animal Records (72101)  
4-H Involvement Report (91910) – to be submitted to your club leader prior to fair  
**plus,**  
A poster, display or notebook (as defined in the 4-H Project Requirement Handbook Glossary of Terms) illustrating something you learned in the project this year. **Optional:** you may choose to participate in Goat Fitting & Showing (pre-registration and entry of book and exhibit are required prior to fair animal entry).  
{Additional copies of the 4-H Project Requirement Handbook Glossary of Terms are available at the Extension Office.} |

**Goat Optional Supporting Materials:**  
Market Goat Growth Chart (#72160)  
Goat Resource Handbook (Ohio)  
4-H Meat Goat Fact Sheets: NY 4-H website: www.ansci.cornell.edu/4H/meatgoats/  
Idaho 4-H Livestock Cost and Return Estimate – Market Goat Project (#72596)  
Pack Goat Skills Checklist (#72580)  
Pack Goat website: www.northwestpackgoats.com  
Individual Pygmy Goat Information (#72595)  
National Pygmy Goat Website: www.npga-pygmy.com  
Youth Project Guide Advisors Manual (order from National Pygmy Goat website)  
Pygmy Goat Youth Project Guide (order from National Pygmy Goat website)
<table>
<thead>
<tr>
<th>Projects</th>
<th>Requirements</th>
<th>Exhibit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Youth Materials:</td>
<td>Choose one AREA and set at least three goals that you want to achieve in this project. You are not limited to the AREAS listed here. You may pursue other subjects such as those listed in AREA N in the Youth Materials. Project focus areas are the following: • Embroidery or Crewel • Specialty Embroidery • Needlepoint • Appliqué • Rug Making • Macramé • Tole Painting • Ceramics • Beadwork • Wheat Weaving • Origami • Dried Flower Art Develop those skills necessary to accomplish your goals. Learn the skills needed to complete this project by using the knowledge of a person in your community who has this skill, such as a 4-H leader, grandparent, or any interested persons, and by finding and using written materials about your subject area. Write a history of the handwork you chose as your project area. Include when and where the handwork started, what it was used for, and how and where it came to this country. Each year you do this project area, expand your history to include materials used through the years, changes in the art, major influences, etc. Be sure to cite your sources. Complete the specific unit requirements within the AREA chosen as a project. Give an oral presentation (speech, demonstration or illustrated talk) related to this project. Complete: • 4-H Project Record Book (91950) • 4-H Involvement Report (91910)</td>
<td>4-H Project Record Book (91950) 4-H Involvement Report (91910) – to be submitted to your club leader prior to fair Report on background or history of the handwork art you chose AND Finished item(s) as listed in the exhibit requirements under the area and unit you choose.</td>
</tr>
<tr>
<td>4-H Involvement Report (91910)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4-H Project Record Book (91950)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Handwork From Our Heritage (23120)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Member Resource Quilting: Nebraska Quilt Project Books (4H1310, 4H1320, 4H1321, 4H1340)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Volunteer Materials: Handwork From Our Heritage Leader’s Guide (23122)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**NOTE: QUILTING is now a standalone project**

**Handwork Optional Supporting Materials:**
Idaho 4-H Handwork page: [https://www.uidaho.edu/extension/4h/projects/handwork-heritage](https://www.uidaho.edu/extension/4h/projects/handwork-heritage)
Kootenai/Shoshone 4-H Ceramics Manual & workbook (Revised October 2007)

**North Idaho State Fair Information:** This project area is interview judged
<table>
<thead>
<tr>
<th>Projects</th>
<th>Requirements</th>
<th>Exhibit</th>
</tr>
</thead>
</table>
| Horse Youth Materials:  
  PNW The 4-H Horse Project (PNW 587 – #72676)  
  4-H Involvement Report (91910)  
  4-H Animal Project Record Book (91940)  
  Permanent 4-H Horse Identification and Health Record (#72650) for each project animal  
  Basic Horse Safety Manual (72673)  
| Must own/lease the horse(s) used, provide primary care, feeding, and management of the horse(s) at least 90 days before exhibiting.  
If a 4-H member leases a project animal, a completed written and signed copy of the lease agreement must be included in the member’s record book.  
Keep record of expenses, health care, plus participation in shows and related horse activities/events.  
Learn and practice safety precautions necessary to prevent injury to you and your horse.  
Complete a minimum of 4 General Knowledge and 4 Equitation skills (from any of the other horse checklists) each year.  
Have your project volunteer date (month and year) and initial each skill/activity when it is finished.  
Give an oral presentation (speech, demonstration or illustrated talk) related to this project.  
Submit Horse Identification Sheets on 4HOnline Animal ID by April 1st.  
Participate in at least one required county contest: Oral Presentations, Horse Bowl, Hippology or Horse Judging.  
Complete:  
  • 4-H Animal Project Record Book (91940)  
  • Permanent 4-H Horse Identification and Health Record (72650) for each project animal  
  • 4-H Involvement Report (91910)  
| 4-H Animal Project Record Book (91940), Permanent 4-H Horse Identification and Health Records (72650), and all applicable checklists submitted to County Extension Office by date specified.  
4-H Involvement Report (91910) – to be submitted to your club leader prior to fair  
Exhibit your horse in a show, fair, or other Extension 4-H/Youth program approved event.  

Volunteer Materials:  
  PNW The 4-H Horse Project (PNW 587 – #72676)  
  PNW 4-H Horse Contest Guide (574)  

North Idaho State Fair Information: At the County Horse Show, Fitting & Showing is required of 1st, 2nd and 3rd year horse members. Premiums are only awarded in Fitting & Showing (any level).
### HORSE (cont.)

<table>
<thead>
<tr>
<th>Projects</th>
<th>Requirements</th>
<th>Exhibit</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Non-Horse Youth Materials:</strong></td>
<td>Complete a minimum of 7 required/optional activities, plus the Planning Guide. Finish at least 21 of the required and optional activities within 3 years to pass each book. Have your project volunteer date (month and year) and initial each activity when it is finished. Give an oral presentation (speech, demonstration or illustrated talk) related to this project. Complete: 1. 4-H Project Record Book (91950) 2. 4-H Involvement Report (91910)</td>
<td>4-H Project Record Book (91950) 4-H Involvement Report (91910) – to be submitted to your club leader prior to fair plus,</td>
</tr>
<tr>
<td>4-H Involvement Report (91910)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4-H Project Record Book (91950)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Giddy Up &amp; Go, Level 1 (08053)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Head, Heart &amp; Hooves, Level 2 (08054)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Stable Relationships, Level 3 (08055)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Riding the Range, Level 4 (08056)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Jumping to New Heights, Level 5 (08057)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Volunteer Materials:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Horse Project volunteer’s Guide (08058)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Horse Optional Supporting Materials:
- Working Ranch Horse Optional Focus Area Skills Checklist (#72652)
- Hunter/Jumper Optional Focus Area Skills Checklist (#72653)
- Driving Optional Focus Area Skills Checklist (#72654)
- Trail Optional Focus Area Skills Checklist (#72655)
- Dressage Optional Focus Area Skills Checklist (#72656)
- General Equitation Optional Focus Area Skills Checklist (#72657)
- Horses and Horsemanship (#CO-200)
- Horse Science (#CO-201)
- 4-H Horse Judging Manual/Action, Balance, Conformation (#72672)
- Hunt Seat Manual (#72681)
- 4-H Driving Manual (#72682)
- Horse Safety Guidelines (Order from American Youth Horse Council at [http://ayhc.com](http://ayhc.com))
- Horse, Safety & You – How to work with & Around a Horse Safely (OH) at [http://estore.osu-extension.org](http://estore.osu-extension.org)
- Horse training, How to talk to your Horse (OH) at [http://estore.osu-extension.org](http://estore.osu-extension.org)
- Horse Nutrition (OH) at [http://estore.osu-extension.org](http://estore.osu-extension.org)
- Horseless Horse (OH) at [http://estore.osu-extension.org](http://estore.osu-extension.org)
- PNW The 4-H Horse Project (PNW 587 – #72676) [https://catalog.extension.oregonstate.edu/4-h130](https://catalog.extension.oregonstate.edu/4-h130)
- 4-H Horse Contest Guide (72675)
<table>
<thead>
<tr>
<th>Projects</th>
<th>Requirements</th>
<th>Exhibit</th>
</tr>
</thead>
</table>
| Knitting | Select the phase appropriate to your skill level and learn the skills listed in the project book for that phase. Phases: 1. Beginning Level A – learn how to cast on, knit and purl, and bind off. 2. Beginning Level B – learn basic stitch combinations, stockinette, garter, ribbing, increasing and decreasing. 3. Intermediate Level A – learn how to make buttonholes, pick up stitches, and knit on circular needles. 4. Intermediate Level B – learn how to knit pattern stitches. 5. Advanced Level A – learn to knit using multicolor techniques. 6. Advanced Level B – learn advanced knitting techniques by selecting one of seven project focus areas. Give an oral presentation (speech, demonstration or illustrated talk) related to this project. Complete: • 4-H Project Record Book (91950) • 4-H Involvement Report (91910) | 4-H Project Record Book (91950) 4-H Involvement Report (91910) – to be submitted to your club leader prior to fair  
plus, Two small or one large item you have made using the skills learned in your phase. Include in your record book the yarn content (example: 50% cotton/50% polyester) and care of your yarn. Optional: You might want to include a sample of skills learned that are not included in your exhibit. |

---

*Knitting Optional Supporting Materials:*

*Cool Stuff, Teach Me To Knit,* Leisure Arts, Inc. (Instructions geared to youth)

*Reader’s Digest, Complete Guide to Needlework* (Volunteer Materials)


Web sites with downloadable “how-to” instructions:

- [www.craftown.com/knitlesson.htm](http://www.craftown.com/knitlesson.htm)
- [www.bevscountrycottage.com](http://www.bevscountrycottage.com)
- [www.knittinguniverse.com](http://www.knittinguniverse.com)

Other web sites of interest:

- [www.anniesattic.com](http://www.anniesattic.com)

*North Idaho State Fair Information: This project area is interview judged*
<table>
<thead>
<tr>
<th>Projects</th>
<th>Requirements</th>
<th>Exhibit</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Leadership</strong></td>
<td>Each year, in the member’s Leadership Road Trip: Where Are You Going? Manual (OH 4-H375): Complete at least three of the twelve project activities; complete Rest Stop activities if the Project Area Section is finished. Complete at least one learning experience (these can be recorded in the Leadership Portfolio #82316). Complete at least one leadership/citizenship activity (these can be recorded in the Leadership Portfolio #82316). Write a brief assessment of your personal growth because of these leadership opportunities. Give an oral presentation (speech, demonstration or illustrated talk) related to this project. Attend the majority of scheduled 4-H club meetings. Complete the Idaho 4-H Leadership Portfolio (#82316); including Leadership Road Trip (OH 4-H375) activities and all other Leadership Opportunities you have completed. Complete the 4-H Project Record Book (#91950) Complete the 4-H Involvement Report (#91910)</td>
<td>Notebook or scrapbook of Leadership activities including the following; Leadership Road Trip: Where Are You Going? Manual (OH 4-H375) Idaho 4-H Leadership Portfolio (#82316) 4-H Project Record Book (#91950) 4-H Involvement Report (#91910) Leadership Training Record Leadership Resume</td>
</tr>
<tr>
<td>Youth Materials:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4-H Involvement Report (91910)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4-H Project Record Book (91950)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Leadership Road Trip: Where Are You Going? (OH-4-H375)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Idaho Leadership Portfolio (#82316)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Volunteer Materials:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Leadership Road Trip: Where Are You Going? (OH-4-H375)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Idaho Leadership Portfolio (#82316)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Leadership Optional Supporting Materials:</td>
<td><em>Idaho 4-H Leadership page: <a href="https://www.uidaho.edu/extension/4h/projects/step-up-to-leadership">https://www.uidaho.edu/extension/4h/projects/step-up-to-leadership</a></em></td>
<td></td>
</tr>
<tr>
<td>North Idaho State Fair Information:</td>
<td><em>This project area is interview judged</em></td>
<td></td>
</tr>
<tr>
<td>Projects</td>
<td>Requirements</td>
<td>Exhibit</td>
</tr>
<tr>
<td>----------</td>
<td>--------------</td>
<td>---------</td>
</tr>
</tbody>
</table>
| **Unit 1**<br>Introduction to Leathercraft & Creative Stamping<br>Youth Materials: 4-H Involvement Report (91910) 4-H Project Record Book (91950) Introduction to Leathercraft & Creative Stamping (MG2001C)<br>Volunteer Materials: 4-H Leathercraft, Leader’s Guide (LG2000A) | Learn about the history, sources, structures, tanning techniques and definitions related to leather and leather craft. Learn how to prepare leather for stamping. Learn how to create stamping designs. Learn how to use stamping tools. Learn how to do basic methods of lacing and stitching using pre-punched or self cut and punched leather. Learn how to do basic leather finishing. Create a balanced pattern to stamp a design onto leather. Give an oral presentation (speech, demonstration or illustrated talk) related to this project. Complete: • 4-H Project Record Book (91950) • 4-H Involvement Report (91910) | 4-H Project Record Book (91950) 4-H Involvement Report (91910) – to be submitted to your club leader prior to fair plus, Two articles with clear finishes: • One article or set of articles on flat leather with no lacing or stitching (such as a bookmark, bracelet or set of coasters) NO BELTS. • One article with at least two pieces of leather that are sewed together using either a whip stitch or a running stich. (Pre-cut kits or self-cut leather may be used. Example: Key case , knife sheath, or coin purse).  
*Note: Exhibits must utilize only skills, tools, and techniques taught in that project book or previous levels. No use of knife.*  
Note: Precut kits may be used as long as the expected learning experience for that unit can be performed. |
<table>
<thead>
<tr>
<th>Projects</th>
<th>Requirements</th>
<th>Exhibit</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Unit 2</strong>&lt;br&gt;Beginning Leather Carving</td>
<td>Learn to use basic Leathercraft tools. Practice using basic leather carving tools. Learn more advanced lacing techniques. Learn design principles and their functional relationship to articles you make. Practice elementary sketching and design. Give an oral presentation (speech, demonstration or illustrated talk) related to this project. Complete: 4-H Project Record Book (91950) 4-H Involvement Report (91910)</td>
<td>4-H Project Record Book (91950) 4-H Involvement Report (91910) – to be submitted to your club leader prior to fair plus, One completed article using skills and tools studied in Unit 2 (one with double loop stitching or one laced article with clear finish). <em>Note: Exhibits must utilize only skills, tools, and techniques taught in that project book or previous levels.</em> Note: Precut kits may be used as long as the expected learning experience for that unit can be performed.</td>
</tr>
<tr>
<td><strong>Youth Materials:</strong>&lt;br&gt;4-H Involvement Report (91910) 4-H Project Record Book (91950) Beginning Leather Carving (MG2002C)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Volunteer Materials:</strong>&lt;br&gt;4-H Leathercraft, Leader’s Guide (LG2000A)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
## LEATHERCRAFT (cont.)

<table>
<thead>
<tr>
<th>Projects</th>
<th>Requirements</th>
<th>Exhibit</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Unit 3</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Intermediate Leather Carving</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Youth Materials:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4-H Involvement Report (91910)</td>
<td></td>
<td>4-H Project Record Book (91950)</td>
</tr>
<tr>
<td>4-H Project Record Book (91950)</td>
<td></td>
<td>4-H Involvement Report (91910) – to be submitted to your club leader prior to fair</td>
</tr>
<tr>
<td>4-H Leathercraft Units 3-7 (MG2003C)</td>
<td></td>
<td>plus</td>
</tr>
<tr>
<td><strong>Volunteer Materials:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4-H Leathercraft, Leader’s Guide (LG2000A)</td>
<td></td>
<td>One completed article or set with carved conventional design. The article or set must also include at least one of the major skills: inverted carving techniques, beginning dyeing, lining, simple molding and shaping or hand stitching.</td>
</tr>
</tbody>
</table>

---

**Note:** Exhibits must utilize only skills, tools, and techniques taught in that project book or previous levels.

**Note:** Precut kits may be used as long as the expected learning experience for that unit can be performed.
**LEATHERCRAFT (cont.)**

<table>
<thead>
<tr>
<th>Projects</th>
<th>Requirements</th>
<th>Exhibit</th>
</tr>
</thead>
</table>
| **Unit 4**  
Advanced Leather Carving | Complete Unit 2  
Perfect skills learned in previous units.  
Learn one or more of the skills listed: figure carving on articles other than pictures, embossing, or filigree work.  
Give an oral presentation (speech, demonstration or illustrated talk) related to this project.  
Complete:  
• 4-H Project Record Book (91950)  
• 4-H Involvement Report (91910) | 4-H Project Record Book (91950)  
4-H Involvement Report (91910) – to be submitted to your club leader prior to fair  
**plus**  
Any article or set, other than a picture, demonstrating advanced carving skills. The decorative design can be either conventional or realistic. Beginning dyeing and staining according to unit 3 are acceptable but color shading and solid color dying will not be permitted on this article.  
*Note: Exhibits must utilize only skills, tools, and techniques taught in that project book or previous levels.*  
*Note: Precut kits may be used as long as the expected learning experience for that unit can be performed.* |

Youth Materials:  
4-H Involvement Report (91910)  
4-H Project Record Book (91950)  
4-H Leathercraft Units 3-7 (MG2003C)  
Volunteer Materials:  
4-H Leathercraft, Leader’s Guide (LG2000A)
### LEATHERCRAFT (cont.)

<table>
<thead>
<tr>
<th>Projects</th>
<th>Requirements</th>
<th>Exhibit</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Unit 5</strong></td>
<td></td>
<td><strong>4-H Project Record Book (91950)</strong></td>
</tr>
<tr>
<td>Coloring and Shading</td>
<td>Complete Unit 2</td>
<td><strong>4-H Involvement Report (91910) – to be submitted to your club leader prior to fair</strong></td>
</tr>
<tr>
<td>Youth Materials:</td>
<td>Practice skills learned in previous units.</td>
<td><strong>plus,</strong></td>
</tr>
<tr>
<td>4-H Involvement Report (91910)</td>
<td>Learn about: solid color dyeing, other forms of dyeing and shading.</td>
<td>One completed article or matching set, other than a picture, with demonstrates advanced carving skills and which is colored by solid color dyeing, block dyeing or shade dyeing. The design can be either conventional or realistic carving.</td>
</tr>
<tr>
<td>4-H Project Record Book (91950)</td>
<td>You may work on any carved leather item, other than a mounted or framed picture, using one or more colors, solid color dyeing, block dyeing, or shade dyeing as discussed in this unit.</td>
<td><strong>Note: Exhibits must utilize only skills, tools, and techniques taught in that project book or previous levels.</strong></td>
</tr>
<tr>
<td>4-H Leathercraft Units 3-7 (MG2003C)</td>
<td>Give an oral presentation (speech, demonstration or illustrated talk) related to this project.</td>
<td><strong>Note: Precut kits may be used as long as the expected learning experience for that unit can be performed.</strong></td>
</tr>
<tr>
<td>Volunteer Materials:</td>
<td>Complete:</td>
<td></td>
</tr>
<tr>
<td>4-H Leathercraft, Leader’s Guide</td>
<td>• 4-H Project Record Book (91950)</td>
<td></td>
</tr>
<tr>
<td>(LG2000A)</td>
<td>• 4-H Involvement Report (91910)</td>
<td></td>
</tr>
</tbody>
</table>
### LEATHERCRAFT (cont.)

<table>
<thead>
<tr>
<th>Projects</th>
<th>Requirements</th>
<th>Exhibit</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Unit 6</strong></td>
<td></td>
<td>4-H Project Record Book (91950)</td>
</tr>
<tr>
<td>Pictorial Carving</td>
<td>Complete Unit 2</td>
<td>4-H Project Record Book (91950)</td>
</tr>
<tr>
<td></td>
<td>Practice skills learned in previous units.</td>
<td>4-H Involvement Report (91910) – to be submitted to your club leader prior to fair plus,</td>
</tr>
<tr>
<td></td>
<td>Learn more about: figure carving, dyeing and shading (optional).</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Select one or more pictures, scenes, or portraits to carve which are</td>
<td></td>
</tr>
<tr>
<td></td>
<td>appropriate for your intended use and match your ability.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>You may dye and/or shade your picture with one or more colors, using</td>
<td></td>
</tr>
<tr>
<td></td>
<td>techniques explained in previous units, if you wish.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Frame or mount pictures as appropriate.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Give an oral presentation (speech, demonstration or illustrated talk)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>related to this project.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Complete:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• 4-H Project Record Book (91950)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• 4-H Involvement Report (91910)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>One framed or mounted, carved leather picture (scene or portrait) or a</td>
<td></td>
</tr>
<tr>
<td></td>
<td>matching set. The article may be left natural color, or it may be</td>
<td></td>
</tr>
<tr>
<td></td>
<td>stained or colored according to and of the methods taught in previous</td>
<td></td>
</tr>
<tr>
<td></td>
<td>units.</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Note:</strong> Exhibits must utilize only skills, tools, and techniques taught in</td>
<td></td>
</tr>
<tr>
<td></td>
<td>that project book or previous levels.</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Note:</strong> Precut kits may be used as long as the expected learning</td>
<td></td>
</tr>
<tr>
<td></td>
<td>experience for that unit can be performed.</td>
<td></td>
</tr>
</tbody>
</table>
## LEATHERCRAFT (cont.)

<table>
<thead>
<tr>
<th>Projects</th>
<th>Requirements</th>
<th>Exhibit</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Unit 7</strong>&lt;br&gt;Making and Rebuilding Saddles&lt;br&gt;Youth Materials:&lt;br&gt;4-H Involvement Report (91910)&lt;br&gt;4-H Project Record Book (91950)&lt;br&gt;4-H Leathercraft Units 3-7 (MG2003C)&lt;br&gt;Volunteer Materials:&lt;br&gt;4-H Leathercraft, Leader’s Guide (LG2000A)</td>
<td>Complete Unit 2, recommended only for experienced leather workers.&lt;br&gt;Learn to make or rebuild a saddle to meet your needs.&lt;br&gt;Give an oral presentation (speech, demonstration or illustrated talk) related to this project.&lt;br&gt;Complete:&lt;br&gt;• 4-H Project Record Book (91950)&lt;br&gt;• 4-H Involvement Report (91910)</td>
<td>4-H Project Record Book (91950)&lt;br&gt;4-H Involvement Report (91910) – to be submitted to your club leader prior to fair&lt;br&gt;<strong>plus,</strong>&lt;br&gt;One completed saddle. The leather may be either tooled or untooled and may be finished in and suitable fashion. &lt;br&gt;Note: Exhibits must utilize only skills, tools, and techniques taught in that project book or previous levels.&lt;br&gt;Note: Precut kits may be used as long as the expected learning experience for that unit can be performed.</td>
</tr>
<tr>
<td><strong>Unit 8</strong>&lt;br&gt;Creative Stamping&lt;br&gt;Youth Materials:&lt;br&gt;4-H Involvement Report (91910)&lt;br&gt;4-H Project Record Book (91950)&lt;br&gt;4-H Leathercraft Units 8-10 (MG2008C)&lt;br&gt;Volunteer Materials:&lt;br&gt;4-H Leathercraft, Leader’s Guide (LG2000A)</td>
<td>Learn to: develop a pattern using stamping tools, create balance in design and color, apply color effectively to stamped designs.&lt;br&gt;Tool two or more articles or a matching set using creative stamping.&lt;br&gt;Color and/or dye articles if you wish.&lt;br&gt;Give an oral presentation (speech, demonstration or illustrated talk) related to this project.&lt;br&gt;Complete:&lt;br&gt;• 4-H Project Record Book (91950)&lt;br&gt;• 4-H Involvement Report (91910)</td>
<td>4-H Project Record Book (91950)&lt;br&gt;4-H Involvement Report (91910) – to be submitted to your club leader prior to fair&lt;br&gt;<strong>plus,</strong>&lt;br&gt;One completed article or matching set using creative stamping.&lt;br&gt;Note: Exhibits must utilize only skills, tools, and techniques taught in that project book or previous levels.&lt;br&gt;Note: Precut kits may be used as long as the expected learning experience for that unit can be performed.</td>
</tr>
<tr>
<td>Projects</td>
<td>Requirements</td>
<td>Exhibit</td>
</tr>
<tr>
<td>----------</td>
<td>--------------</td>
<td>---------</td>
</tr>
<tr>
<td><strong>Unit 9</strong>&lt;br&gt;Constructing, Braiding and Sculpting Untooled Leather&lt;br&gt;Youth Materials: 4-H Involvement Report (91910) 4-H Project Record Book (91950) 4-H Leathercraft Units 8-10 (MG2008C)&lt;br&gt;Volunteer Materials: 4-H Leathercraft, Leader's Guide (LG2000A)</td>
<td>Study different ways in which leather is used, not including tooling or sewing. This may include: Lacing, braiding, expanding, sculpting, making collages, etc..&lt;br&gt;Make two or more articles using a non-tooled (little or no decorative tooling) and non-sewing technique.&lt;br&gt;Give an oral presentation (speech, demonstration or illustrated talk) related to this project.&lt;br&gt;Complete: 4-H Project Record Book (91950) 4-H Involvement Report (91910)</td>
<td>4-H Project Record Book (91950) 4-H Involvement Report (91910) – to be submitted to your club leader prior to fair&lt;br&gt;plus,&lt;br&gt;One article or matching set using non-tooling (minimal tooling required for effect is acceptable) and non-sewn leather-working techniques.&lt;br&gt;Note: Exhibits must utilize only skills, tools, and techniques taught in that project book or previous levels.&lt;br&gt;Note: Precut kits may be used as long as the expected learning experience for that unit can be performed.</td>
</tr>
<tr>
<td><strong>Unit 10</strong>&lt;br&gt;Sewing Leather&lt;br&gt;Youth Materials: 4-H Involvement Report (91910) 4-H Project Record Book (91950) 4-H Leathercraft Units 8-10 (MG2008C)&lt;br&gt;Volunteer Materials: 4-H Leathercraft, Leader's Guide (LG2000A)</td>
<td>Practice skills required for leather construction.&lt;br&gt;Learn more about: selecting patterns for leather construction, selecting leather for sewing (hand or machine) items, construction techniques for leather.&lt;br&gt;Make two or more items using sewing techniques. This may include garments, footwear, various cases, furniture, etc.&lt;br&gt;Give an oral presentation (speech, demonstration or illustrated talk) related to this project.&lt;br&gt;Complete: 4-H Project Record Book (91950) 4-H Involvement Report (91910)</td>
<td>4-H Project Record Book (91950) 4-H Involvement Report (91910) – to be submitted to your club leader prior to fair&lt;br&gt;plus,&lt;br&gt;One completed article or garment made by sewing leather.&lt;br&gt;Note: Exhibits must utilize only skills, tools, and techniques taught in that project book or previous levels.&lt;br&gt;Note: Precut kits may be used as long as the expected learning experience for that unit can be performed.</td>
</tr>
</tbody>
</table>

**Leathercraft Optional Supporting Materials:**
ABC’s of Leatherwork (No. 61904)  
Leathercrafting (#61891-01)  
[www.tandyleatherfactory.com](http://www.tandyleatherfactory.com)  
[www.hidecrafter.com](http://www.hidecrafter.com)  
Many books and videos as well as tools and kits are available from these sources.
# PHOTOGRAPHY

**Projects**

- **Youth Materials:**
  - 4-H Involvement Report (91910)
  - 4-H Project Record Book (91950)
  - Focus on Photography, Level 1 (23400)
  - Controlling the Image, Level 2 (23401)
  - Mastering Photography, Level 3 (23402)

- **Volunteer Materials:**
  - Kodak Self-Teaching Guide (23408)
  - Teaching Guide to Composition (23409)

**Requirements**

- Any film camera, one-use camera, or digital camera with a flash may be used in level 1 of this project. For level 2 you need a film or digital camera with flash and adjustable settings. For level 3 you need a film or digital camera with adjustable settings, a variety of interchangeable lenses and filters that fit on those lenses.

- Explore the four Project Areas: Equipment, Lighting, Composition, and Skill Building in the Youth Materials

- Complete at least seven (7) activities each year. Select activities in each of the four project areas listed above. Record progress in Step 1, page 4. Complete the Photo Journal** and Review Question sections throughout the manual for the activities selected.

- Complete 2 of the Organized Project Experiences each year, one of which must be to:
  - Give an oral presentation (speech, demonstration or illustrated talk) related to this project.

- Complete one of the Leadership/Citizenship Activities listed in Step 3 each year.

- Complete a Project Review each year.

**Complete:**

- 4-H Project Record Book (91950) Record step 2 and step 3, “project experiences and leadership/citizenship activities” on your project record book.

- 4-H Involvement Report (91910)

**Exhibit**

A photo album or three-ring binder containing the following items:

- 4-H Project Record Book (91950)

* See Special Directions at end of photography section

4-H Involvement Report (91910) – to be submitted to your club leader prior to fair

** Plus, **

Your own album pages labeled with the activity title and techniques shown for the activities you completed (minimum of 7 activities) with a photo label for each photo used*. **

** Plus, **

A 8x10 photo mounted on a 11x14 board or with an 11x14 mat

** For exhibit purposes, keep your photo journal activities in a photo album or 3 ring binder instead of in your Youth Materials/manuals. **
*Special Directions*

Exhibit Instructions: Exhibit your required pictures in a photo album or three-ring binder (not a scrapbooking album or your Youth Materials) with heavy paper. The binder need not be fancy or expensive. It is used simply to keep all your photography materials in one neat, orderly place. You may decorate the binder or album cover as you wish. Do not include any Youth Materials pages in your album or binder.

Photos should be printed on photographic paper.

Do not crop or trim the photos when you mount them in your exhibit album, unless instructed to do so for an activity. Cropping or trimming photos can enhance a scrapbook or gift album, but uncropped photos are needed in your exhibit album to show your composition skills and techniques.

Photo Labels must include your name, date of picture, Photo Journal activity title, camera type, film speed/type (if applicable) and any other notes regarding that photograph, including specific information or comments asked for in the journal activity.

Photography Optional Supporting Materials:
### Domestic Market Poultry

**Youth Materials:**
- **4-H Involvement Report** (91910)
- **4-H Animal Project Record Book** (91940)
- **Scratching the Surface, Book 1** (06363)
- **Testing Your Wings, Book 2** (06364)
- **Flocking Together, Book 3** (06365)

**Other:**
- **4-H Market Broilers** (72301)

**Volunteer Materials:**
- **Poultry Group Activity Guide** (06366)

---

### Requirements

- Must own and provide primary care, proper housing, and feed for your birds for at least:
  - Chickens = five (5) weeks
  - Turkeys = fifteen (15) weeks
  - Ducks = five (5) weeks
  - Geese = ten (10) weeks

- Minimum requirement is five (5) birds.

- Animals marketed through a 4-H sponsored event must submit appropriate documentation to meet the federal requirements of Country of Origin Labeling (COOL).

- Complete a minimum of 7 required/optional activities, plus the required number of Learning Experiences (pg. 3) each year.

- Finish at least 21 of the required and optional activities within 3 years to pass each level.

- Have your project volunteer date (month and year) and initial each activity when it is finished.

- Give an oral presentation (speech, demonstration or illustrated talk) related to this project.

- Complete:
  - 4-H Animal Project Record Book (91940)
  - 4-H Involvement Report (91910)

---

### Exhibit

- 4-H Animal Project Record Book (91940)

- 4-H Involvement Report (91910) – to be submitted to your club leader prior to fair

- Exhibit the three (3) Chickens or two Turkeys as uniform as possible.

- Participate in a Poultry Fitting & Showing class.

**Note:** Some birds (market broilers, gamebirds, etc.) may not be suitable for Fitting & Showing. Those members may substitute another bird with their 4-H Poultry Leader’s approval (first preference should be for another project bird), provided that the bird to be used is not being shown by another 4-H member, is pre-entered through the Fair 4-H Animal Entry and is caged in the poultry barn during the Fair.

### North Idaho State Fair Information

- Poultry will not be weighed but members should strive to meet the following age and weight suggestions. It is also encouraged that members not select intact males as their exhibit animals, as they are prone to more behavioral issues when around unfamiliar animals.
  - Chickens should be less than 8 weeks old and around 4-6 lbs each.
  - Turkeys: Hens should be around than 16 weeks old and around 12-16 lbs each, Toms should be less than 25 weeks old and around 20-30 lbs.

**As per State Department of Agriculture Recommendation, waterfowl will not be allowed for fair exhibition. All poultry must be tested for Avian influenza before exhibiting at fair. Please contact the Extension Office prior to animal purchase for the most current information.**
### PULTRY (cont.)

<table>
<thead>
<tr>
<th>Projects</th>
<th>Requirements</th>
<th>Exhibit</th>
</tr>
</thead>
</table>
| **Pullets/Laying Hens**           | Must own and provide primary care, proper housing, and feed for your birds for at least 90 days. Minimum requirement is five (5) pullets/hens. Chicks should be obtained early in the year so that they will be in production in the fall. **Note:** If pullets are to be continued as a laying project, at least 10 pullets are suggested (but not required) to start. Complete a minimum of 7 required/optional activities, plus the required number of Learning Experiences (pg. 3) each year. Finish at least 21 of the required and optional activities within 3 years to pass each level. Have your project volunteer date (month and year) and initial each activity when it is finished. Give an oral presentation (speech, demonstration or illustrated talk) related to this project. Complete:  
  - 4-H Animal Project Record Book (91940)  
  - Permanent Individual Animal Record (72101) – one for your flock  
  - Egg Production Record (72310)  
  - 4-H Involvement Report (91910) | 4-H Animal Project Record Book (91940) and at least one Permanent Individual Animal Record (72101)  
  4-H Involvement Report (91910) – to be submitted to your club leader prior to fair  
  Egg Production Record (72310)  
  Exhibit three (3) pullets or hens. Exhibit one of your project birds in a Poultry Fitting & Showing class. **Note:** All poultry must be tested for Avian influenza before exhibiting at fair. Please contact the Extension Office prior to animal purchase for the most current information. |
| Youth Materials:                  |  
  - 4-H Involvement Report (91910)  
  - 4-H Animal Project Record Book (91940)  
  - Scratch the Surface, Book 1 (06363)  
  - Testing Your Wings, Book 2 (06364);  
  - Flocking Together, Book 3 (06365)    |  
| Volunteer Materials:              |  
  - Poultry Group Activity Guide (06366) |  

**North Idaho State Fair Information:**

As per State Department of Agriculture Recommendation, waterfowl will not be allowed for fair exhibition. All poultry must be tested for Avian influenza before exhibiting at fair. Please contact the Extension Office prior to animal purchase for the most current information.
POULTRY (cont.)

<table>
<thead>
<tr>
<th>Projects</th>
<th>Requirements</th>
<th>Exhibit</th>
</tr>
</thead>
</table>
| **Family Flock (Domestic Poultry, Gamebirds, or Pigeons)**  
Youth Materials:  
4-H Involvement Report (91910)  
4-H Animal Project Record Book (91940)  
Scratching the Surface, Book 1 (06363)  
Testing Your Wings, Book 2 (06364)  
Flocking Together, Book 3 (06365)  
Volunteer Materials:  
Poultry Group Activity Guide (06366)  | Must own and provide primary care, proper housing, and feed for a minimum of five (5) birds for at least 90 days.  
Complete a minimum of 7 required/optional activities, plus the required number of Learning Experiences (pg. 3) each year.  
Finish at least 21 of the required and optional activities within 3 years to pass each level.  
Have your project volunteer date (month and year) and initial each activity when it is finished.  
Give an oral presentation (speech, demonstration or illustrated talk) related to this project.  
Complete:  
- 4-H Animal Project Record Book (91940)  
- Permanent Individual Animal Record (72101) – one for your flock  
- 4-H Involvement Report (91910)  | 4-H Animal Project Record Book (91940) and at least onePermanent Individual Animal Record (72101)  
4-H Involvement Report (91910) – to be submitted to your club leader prior to fair  
Exhibit a pair (one male and one female or a pair of females of the same breed).  
Exhibit one of your project birds in a Poultry Fitting & Showing class.  
Note: Some birds (market broilers, gamebirds, etc.) may not be suitable for Fitting & Showing. Those members may substitute another bird with their 4-H Poultry Leader’s approval (first preference should be for another project bird), provided that the bird to be used is not being shown by another 4-H member, is pre-entered through 4-H and is caged in the poultry barn during the Fair.  |

North Idaho State Fair Information:  
As per State Department of Agriculture Recommendation, waterfowl will not be allowed for fair exhibition. All poultry must be tested for Avian influenza before exhibiting at fair. Please contact the Extension Office prior to animal purchase for the most current information.
## Poultry (cont.)

<table>
<thead>
<tr>
<th>Projects</th>
<th>Requirements</th>
<th>Exhibit</th>
</tr>
</thead>
</table>
| **Pet Poultry**  
Youth Materials:  
4-H Involvement Report (91910)  
4-H Project Record Book (91950)  
Scratching the Surface, Book 1 (06363)  
Testing Your Wings, Book 2 (06364)  
Flocking Together, Book 3 (06365)  
Volunteer Materials:  
Poultry Group Activity Guide (06366)  | Must own and provide primary care, proper housing, and feed for your bird(s) for at least 90 days  
Complete a minimum of 7 required/optional activities, plus the required number of Learning Experiences (pg. 3) each year.  
Finish at least 21 of the required and optional activities within 3 years to pass each level.  
Have your project volunteer date (month and year) and initial each activity when it is finished.  
Give an oral presentation (speech, demonstration or illustrated talk) related to this project.  
Complete:  
- 4-H Project Record Book (91950)  
- Permanent Individual Animal Record (72101) – one for your flock  
- 4-H Involvement Report (91910)  | 4-H Animal Project Record Book (91940) and at least one Permanent Individual Animal Record (72101)  
4-H Involvement Report (91910) – to be submitted to your club leader prior to fair  
plus,  
A poster, display or notebook (as defined in the 4-H Project Requirement Handbook Glossary of Terms) illustrating something you learned in this project this project year.  
Optional: you may choose to participate in Poultry Fitting & Showing (pre-registration and entry of book and exhibit are required prior to fair animal entry).  
{Additional copies of the 4-H Project Requirement Handbook Glossary of Terms are available at the Extension Office.} |

### North Idaho State Fair Information:
As per State Department of Agriculture Recommendation, waterfowl will not be allowed for fair exhibition. All poultry must be tested for Avian influenza before exhibiting at fair. Please contact the Extension Office prior to animal purchase for the most current information.

### Poultry Optional Supporting Materials:
Egg Production Record (72310) – Pullets/Laying Hens only  
Selecting & Grooming 4-H Exhibition Poultry (#72306)  
Poultry Judging (#72307)  
4-H Market Broilers (#72301)
<table>
<thead>
<tr>
<th>Projects</th>
<th>Requirements</th>
<th>Exhibit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quilting</td>
<td>NOTE: Quilt Quest is a copyrighted curriculum. You may print one copy of the pages of the Quilt Quest and Project Blocks CDs for your use, but ONLY one copy.</td>
<td>4-H Project Record Book (#91950)</td>
</tr>
<tr>
<td>Youth Materials:</td>
<td>• Select one Chapter appropriate to your skill level. It is recommended that beginners start with Chapter 1 and Project Block 1, Creative Corners. Chapters may be used for two years as long as different quilts are made showing increased skill development. Select one Quilt Quest Project Block (CD) to use with the Chapter. The Project Block may be used multiple years.</td>
<td>4-H Involvement Report (#91910)</td>
</tr>
<tr>
<td>• Quilt Quest</td>
<td>Quilt Quest Chapters:</td>
<td>Exhibit one quilt OR two small quilted items you have sewn and quilted.</td>
</tr>
<tr>
<td>• Project Block, select one</td>
<td>Chapter 1, Starting Block</td>
<td>Include in the exhibit your Idea Book with activities, drawing, sketches, photographs, test blocks, design ideas, planning sheets, fabric samples, etc.</td>
</tr>
<tr>
<td>• 4-H Involvement Report (#91910)</td>
<td>Chapter 2, Design the Block</td>
<td></td>
</tr>
<tr>
<td>• 4-H Project Record Book (#91950)</td>
<td>Chapter 3, Build the Block</td>
<td></td>
</tr>
<tr>
<td>Volunteer Materials:</td>
<td>Chapter 4, Preserve the Block</td>
<td></td>
</tr>
<tr>
<td>• Quilt Quest,</td>
<td>Chapter 5, Beyond the Block</td>
<td></td>
</tr>
<tr>
<td>• Project Block</td>
<td>Chapter 6, Resource Block</td>
<td></td>
</tr>
<tr>
<td>o Project Block 1, Creative Corners</td>
<td>• Complete at least two (2) activities in the Chapter each year. It is the youth’s responsibility to complete enough activities to fully understand the Chapter concepts.</td>
<td></td>
</tr>
<tr>
<td>o Project Block 2, Terrific Triangles</td>
<td>• Make one quilt OR two smaller quilted items each year. Use Project Block CD for ideas. Quilts need to have a finished edge or binding.</td>
<td></td>
</tr>
<tr>
<td>o Project Block 3, Fantastic Fabrics</td>
<td>• Keep an Idea Book each year documenting your activities, drawings, design ideas, fabric samples, etc.</td>
<td></td>
</tr>
<tr>
<td>o Project Block 4, Perfect Paper Piecing</td>
<td>• Give an oral presentation (demonstration, speech or illustrated talk) related to this project.</td>
<td></td>
</tr>
<tr>
<td>o Project Block 5, Elegant Embellishments</td>
<td>• Recommended but not required – Use the Quilt Planning sheet from Chapter 1 to plan your quilt projects each year.</td>
<td></td>
</tr>
<tr>
<td>o Project Block 6, Amazing Applique</td>
<td>Complete the following:</td>
<td></td>
</tr>
<tr>
<td>o Project Block 7, Outstanding Options</td>
<td>• 4-H Involvement Report (#91910)</td>
<td></td>
</tr>
<tr>
<td>o Project Block 8, Wonderful Windows</td>
<td>• 4-H Project Record Book (#91950)</td>
<td></td>
</tr>
</tbody>
</table>

North Idaho State Fair Information: This project area is interview judged
# RABBIT

## Projects

<table>
<thead>
<tr>
<th>Market Rabbit Youth Materials:</th>
<th>Requirements</th>
<th>Exhibit</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>4-H Involvement Report (91910)</em>&lt;br&gt;<em>4-H Animal Project Record Book (91940)</em>&lt;br&gt;<em>What’s Hoppening, Book 1 (08080)</em>&lt;br&gt;<em>Making Tracks, Book 2 (08081)</em>&lt;br&gt;<em>All Ears, Book 3 (08082)</em></td>
<td>Own 2 or more does and have access to the appropriate number of bucks (standard breeds or crossbreeds) for at least 90 days.&lt;br&gt;Raise at least 1 litter per doe during the year.&lt;br&gt;Provide proper housing, food and primary care for your rabbits.&lt;br&gt;Market the young alive or processed for eating.&lt;br&gt;Keep performance production records on all rabbits in the herd.&lt;br&gt;Learn how to fit and show a rabbit.&lt;br&gt;Complete a minimum of 7 required/optional activities (pg. 3) each year.&lt;br&gt;Finish at least 21 of the required and optional activities within 3 years to pass each book.&lt;br&gt;Give an oral presentation (speech, demonstration or illustrated talk) related to this project.</td>
<td>4-H Animal Project Record Book (91940) and Permanent Individual Animal Records (72101) &lt;br&gt;4-H Involvement Report (91910) – to be submitted to your club leader prior to fair &lt;br&gt;Pen of 3 fryers, produced from matings of the member’s own does. &lt;br&gt;Exhibit one of your project animals in a Rabbit Fitting and Showing Class.</td>
</tr>
</tbody>
</table>

## North Idaho State Fair Information: Market Fryer weight is 3-5 1/2 lbs each
**RABBIT (cont.)**

<table>
<thead>
<tr>
<th>Projects</th>
<th>Requirements</th>
<th>Exhibit</th>
</tr>
</thead>
</table>
| **Breeding Rabbit**               | Own 1 or more does for at least 90 days and have access to the appropriate number of bucks (purebred commercial breeds are recommended but crossbreeds may be used). Raise at least 1 litter per doe, and keep or market the young. Provide proper housing, feed and care for your rabbits. Keep breeding pedigree, performance and production records on your rabbits. Learn how to fit and show a rabbit. Complete a minimum of 7 required/optional activities (pg. 3) each year. Finish at least 21 of the required and optional activities within 3 years to pass each book. Have your project volunteer date (month and year) and initial each activity when it is finished. Give an oral presentation (speech, demonstration or illustrated talk) related to this project. Complete:  
  - 4-H Animal Project Record Book (91940)  
  - Permanent Individual Animal Record (72101) for each project animal  
  - 4-H Involvement Report (91910) | 4-H Animal Project Record Book (91940) and Permanent Individual Animal Records (72101)  
  4-H Involvement Report (91910) – to be submitted to your club leader prior to fair  
  One project rabbit (select from a junior doe, senior doe, junior buck or senior buck).  
  Exhibit one of your project animals in a Rabbit Fitting and Showing class. |
<table>
<thead>
<tr>
<th>Projects</th>
<th>Requirements</th>
<th>Exhibit</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Pet Rabbit</strong>&lt;br&gt;Youth Materials&lt;br&gt;4-H Involvement Report (91910)&lt;br&gt;4-H Animal Project Record Book (91940)&lt;br&gt;What’s Hoppening, Book 1 (08080)&lt;br&gt;Making Tracks, Book 2 (08081)&lt;br&gt;All Ears, Book 3 (08082)&lt;br&gt;Volunteer Materials:&lt;br&gt;Rabbit Helper’s Guide (08083)&lt;br&gt;Rabbit Resource Handbook for Breeding, Market, and Pet Projects OH (228R)</td>
<td>Provide proper housing, food and primary care for your rabbit(s) for at least 90 days. Complete a minimum of 7 required/optional activities each year. Finish at least 21 of the required and optional activities within 3 years to pass each level. Have your project volunteer date (month and year) and initial each activity when it is finished. Give an oral presentation (speech, demonstration or illustrated talk) related to this project. Complete:&lt;br&gt;- 4-H Animal Project Record Book (91940)&lt;br&gt;- Permanent Individual Animal Record (72101) for each project animal&lt;br&gt;- 4-H Involvement Report (91910)</td>
<td>4-H Animal Project Record Book (91940) and Permanent Individual Animal Records (72101)&lt;br&gt;4-H Involvement Report (91910) – to be submitted to your club leader prior to fair plus,&lt;br&gt;A poster, display or notebook (as defined in the 4-H Project Requirement Handbook Glossary of Terms) illustrating something you learned in this project this project year. <strong>Optional</strong>: you may choose to participate in Rabbit Fitting &amp; Showing (pre-registration and entry of book and exhibit are required prior to fair animal entry).&lt;br&gt;{Additional copies of the 4-H Project Requirement Handbook Glossary of Terms are available at the Extension Office.}</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Projects</th>
<th>Requirements</th>
<th>Exhibit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Platform Robotics</td>
<td>Complete a minimum of 7 activities or modules each year. Activities can be repeated in future years, so long as new skills are developed and/or new challenges addressed.</td>
<td>4-H Project Record Book (91950)</td>
</tr>
<tr>
<td>Youth Materials:</td>
<td>Complete 7 activities from the Kootenai/Shoshone R/C Checklist</td>
<td>4-H Involvement Report (91910) – to be submitted to your club leader prior to fair</td>
</tr>
<tr>
<td>4-H Involvement Report (91910)</td>
<td>Give an oral presentation (speech, demonstration or illustrated talk) related to this project.</td>
<td>plus,</td>
</tr>
<tr>
<td>4-H Project Record Book (91950)</td>
<td>Complete:</td>
<td>A poster, display or notebook (<em>as defined in the 4-H Project Requirement Handbook Glossary of Terms</em>) illustrating something you learned in this project this year.</td>
</tr>
<tr>
<td>Electric Radio-Controlled Vehicles (4-H 504)</td>
<td>• 4-H Project Record Book (91950)</td>
<td>OR</td>
</tr>
<tr>
<td>Kootenai Shoshone R/C Checklist</td>
<td>• 4-H Involvement Report (91910)</td>
<td>Something you built or made related to the project.</td>
</tr>
<tr>
<td>Volunteer Materials:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Electric Radio-Controlled Vehicles (4-H 504)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
# ROBOTICS

## Projects

**Robotics**

- **Youth Materials:**
  - 4-H Involvement Report (91910)
  - 4-H Project Record Book (91950)
  - Robotics 1 with EV3 (4-H507)
  - Robotics 2 EV3N more (4-H 508)

- **Volunteer Materials:**
  - *Use member manuals*

**Note:** Members will need access to an EV3 robot kit and associated programming software and a laptop computer.

## Requirements

- Complete a minimum of 6 activities or modules each year. Activities can be repeated in future years, so long as new skills are developed and/or new challenges addressed.

- Give an oral presentation (speech, demonstration or illustrated talk) related to this project.

- Complete:
  - 4-H Project Record Book (91950)
  - 4-H Involvement Report (91910)

## Exhibit

- 4-H Project Record Book (91950)
- 4-H Involvement Report (91910) – to be submitted to your club leader prior to fair
- *plus,*
  - A poster, display or notebook (*as defined in the 4-H Project Requirement Handbook Glossary of Terms*) illustrating something you learned in this project this year.

- OR

  - Something you built or made related to the project.

  {Additional copies of the 4-H Project Requirement Handbook Glossary of Terms are available at the Extension Office.}

**Note:** Exhibits must utilize only skills, tools, and techniques taught in that project book or previous levels.

## Robotics Optional Supporting Materials:

- **FIRST LEGO League:** [http://www.firstlegoleague.org](http://www.firstlegoleague.org)
- **University of Idaho Extension Robotics:** [https://www.uidaho.edu/extension/4h/programs/robotics](https://www.uidaho.edu/extension/4h/programs/robotics)

**North Idaho State Fair Information:** This project area is interview judged
# SELF-DETERMINED

<table>
<thead>
<tr>
<th>Projects</th>
<th>Requirements</th>
<th>Exhibit</th>
</tr>
</thead>
</table>
| **Youth Materials:**  
  4-H Involvement Report (91910)  
  4-H Project Record Book (91950)  
  You Decide! Decision Making Guide for Self Determined Projects (91001)  
| **Members must be 14 and older**  
  Choose subject for project study.  
  Set your own project goals.  
  Develop a plan to reach project goals.  
  Carry out your plan.  
  Report your accomplishments.  
  Evaluate progress toward goals.  
  Determine changes or revisions desirable in your plan.  
  Prepare a written report.  
  Give an oral presentation (speech, demonstration or illustrated talk) related to this project.  
  Complete:  
  - 4-H Project Record Book (91950)  
  - 4-H Involvement Report (91910)  
| 4-H Project Record Book (91950)  
  4-H Involvement Report (91910) – to be submitted to your club leader prior to fair  
  plus,  
  Written report showing plan and accomplishments. Include sections on:  
  - Goals you set.  
  - Methods used.  
  - What you learned.  
  - Your conclusions or observations.  
  - Evaluation of your project.  
  **Optional:** A poster, display or notebook (as defined in the 4-H Project Requirement Handbook Glossary of Terms) illustrating something you learned in this project this year.  
  OR  
  Something you built or made related to the project. |

**Self Determined Optional Supporting Materials:**  
None at this time

**North Idaho State Fair Information:** This project area is interview judged
# SHEEP

## Projects

<table>
<thead>
<tr>
<th>Market Lamb Youth Materials:</th>
<th>Requirements</th>
<th>Exhibit</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>4-H Involvement Report (91910)</em>&lt;br&gt;<em>4-H Animal Project Record Book (91940)</em>&lt;br&gt;<em>Animal Science Checklist</em></td>
<td>Choose at least one wether or ewe for your Market Lamb project. Comply with current USDA Scrapie requirements. Provide one or more forms of positive ownership (70 days) for each project animal. Weigh and provide primary care for all animals on a uniform county feeding period, approximately 55-65 days. Individually identify each animal with an ear tag, tattoo or ear notch. Animals marketed through a 4-H sponsored event must submit appropriate documentation to meet the federal requirements of Country of Origin Labeling (COOL). Complete 5 Animal Science Lessons each year with one of the lessons from the Quality Assurance section. The lessons will be separated by Level 1, 2 and 3. Youth should work through the levels as they gain experience in the project. Participate in a County Approved Quality Assurance program. This must be done prior to the North Idaho Fair Animal Entry deadline. Give an oral presentation (speech, demonstration or illustrated talk) related to this project. Complete:</td>
<td>4-H Animal Project Record Book (91940), Market Lamb Growth Chart (72130) and up to date Animal Science Checklist submitted to County Extension Office by date specified.</td>
</tr>
<tr>
<td><em>Sheep Resource Handbook (4-H 194R - Ohio)</em></td>
<td><em>Note:</em> each member is strongly encouraged to participate in a livestock judging contest.</td>
<td></td>
</tr>
</tbody>
</table>

### Alternate and Additional Animals:
If a member weighs in an alternate animal, that individual must maintain records and a growth chart for that animal. If a family weighs in an alternate market animal, at least one individual from that family must maintain records and a growth chart on that animal. If a member has an additional project animal (ie: Jr. Show) that individual must maintain records on that animal along with their North Idaho Fair animal(s).

### North Idaho State Fair Information:
To be eligible to sell at the North Idaho State Fair the sheep must have been weighed and tagged for that member at the Spring Weigh in.

**Market Sheep Entry Standards**

- Minimum Weight.................................105 lbs
- Weight (for Stock Sale Purposes)...............150 lbs
- Minimum ADG for Quality Finals ..............0.40 lbs/day

<table>
<thead>
<tr>
<th>Volunteer Materials:</th>
<th></th>
</tr>
</thead>
</table>

**Exhibit project animal at community, county, or other Extension approved livestock show.**

**Display performance data on exhibit or stall card.**

**Exhibit one of your project animals in a Sheep Fitting and Showing class.**
### Breeding Sheep

**Youth Materials:**
- 4-H Involvement Report (91910)
- 4-H Animal Project Record Book (91940)
- Animal Science Checklist

**Volunteer Materials:**
- Sheep Resource Handbook (4-H 194R – Ohio)

#### Requirements
- Choose and provide primary care for one or more ewes for your Breeding Sheep project.
- Comply with current USDA Scrapie requirements.
- Provide one or more forms of positive ownership (90 days) for each project animal.
- Individually identify each animal with an ear tag, tattoo or ear notch.
- If a 4-H member leases a project animal, a completed written and signed copy of the lease agreement must be included in the member’s record book.
- **Submit Animal Identification on 4HOnline Sheet by June 1st.** Complete 5 Animal Science Lessons each year with one of the lessons from the Quality Assurance section. The lessons will be separated by Level 1, 2 and 3. Youth should work through the levels as they gain experience in the project.
- Have your project volunteer date (month and year) and initial each activity when it is finished.
- Give an oral presentation (speech, demonstration or illustrated talk) related to this project.
- Complete:
  - 4-H Animal Project Record Book (91940)
  - Permanent Individual Animal Record (72101) for each project animal
  - 4-H Involvement Report (91910)
  
  **Note:** Each member is strongly encouraged to participate in a livestock judging contest.

#### Exhibit
- 4-H Animal Project Record Book (91940) and Permanent Individual Animal Records (72101) and **up to date Animal Science Checklist submitted to County Extension Office by date specified.**
- 4-H Involvement Report (91910) – to be submitted to your club leader prior to fair
- Exhibit project animal at community, county, or other Extension approved livestock show.
- Display performance data on exhibit or stall card.
- Exhibit one of your project animals in a Sheep Fitting and Showing class.

### North Idaho State Fair Information:
Breeding Sheep need to have a Sheep ID submitted on 4HOnline by June 1st and be individually identified on the North Idaho State Fair 4-H Animal Entry by ear tag, tattoo, etc. and entered in the appropriate quality/age division. Failure to do so may result in disqualification from that quality class. Ewes with a current market animal tag may not be entered as breeding projects that year.

### Sheep Optional Supporting Materials:
- Sheep Resource Handbook for Market and Breeding Projects – OH (#72896)
- Market Lamb Growth Chart (#72130) 4-H Market Livestock Evaluation System (#72002)
- Selecting 4-H Market Livestock Project Animals (#72007)
- Beef, Sheep, and Swine Selection and Evaluation – OH (#72010)
- Sheep Showmanship DVD (#72898)
- Idaho 4-H Livestock Cost and Return Estimates – Market Sheep Project (#72895)
### Projects

<table>
<thead>
<tr>
<th>Youth Materials:</th>
<th>Requirements</th>
<th>Exhibit</th>
</tr>
</thead>
<tbody>
<tr>
<td>4-H Involvement Report (91910)</td>
<td>Members may enroll in shooting sports only under the direction of an adult 4-H leader who has completed a 4-H Shooting Sports Workshop sanctioned by University of Idaho 4-H Youth Development. Muzzleloader/Black Powder is restricted to youth ages 11-18 (for safety reasons)</td>
<td>4-H Project Record Book (91950)</td>
</tr>
<tr>
<td>4-H Project Record Book (91950)</td>
<td>To guide their shooting sports project, members should use the focus area skills checklist for the discipline (archery, pistol, rifle, shotgun, muzzleloader/black powder and hunting) in which they are interested. Complete a minimum of 5 different activities each year from the appropriate Focus Area Skills Checklist; list the activities completed in the Project Activity Log of your record book.</td>
<td>4-H Involvement Report (91910) – to be submitted to your club leader prior to fair plus, A poster, display or notebook (as defined in the 4-H Project Requirement Handbook Glossary of Terms) illustrating something you learned in this project this year.</td>
</tr>
<tr>
<td>STEM Connections (Colorado)</td>
<td></td>
<td>OR Something you built or made related to the project.</td>
</tr>
<tr>
<td>Focus Area Skills Checklists: Archery (45310)</td>
<td></td>
<td>{Additional copies of the 4-H Project Requirement Handbook Glossary of Terms are available at the Extension Office.}</td>
</tr>
<tr>
<td>Pistol (45410)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rifle (45510)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shotgun (45610)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Muzzleloader/Black Powder (45710)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hunting (45810)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Volunteer Materials:**

*Provided to Leaders at Shooting Sports Workshops*

**Exhibit Note:** No loose arrows, broadheads, knives, functional firearms, or live ammunition are allowed in exhibits for safety reasons.

### Optional Supporting Materials:

- 4-H Archery Member Record Book (Ohio State)
- Pistol Member Record Book (Ohio State)
- Rifle Member Record Book (Ohio State)
- Shotgun Member Record Book (Ohio State)
- Muzzleloading Member Record Book (Ohio State)
- Hunting/Wildlife Member Record Book (Ohio State)

*All of the above can be found at: [http://projectcentral.ohio4h.org/publications/topics/natural-resources/](http://projectcentral.ohio4h.org/publications/topics/natural-resources/)*
# SMALL ANIMAL/POCKET PETS

<table>
<thead>
<tr>
<th>Projects</th>
<th>Requirements</th>
<th>Exhibit</th>
</tr>
</thead>
</table>
| **Youth Materials:** 4-H Involvement Report (91910) 4-H Animal Project Record Book (91940) *Pet Pals, Book 1* (06359) *Scurrying Ahead, Book 2* (06360) *Scaling the Heights, Book 3* (06361) | Members should provide proper housing, food, and primary care for their pet for at least 60 days. Complete a minimum of 7 required/optional activities, plus the required number of Learning Experiences (pg. 3) each year. Finish at least 21 of the required and optional activities within 3 years to pass each level. Have your project volunteer date (month and year) and initial each activity when it is finished. Give an oral presentation (speech, demonstration or illustrated talk) related to this project. Complete: 
  - 4-H Animal Project Record Book (91940)  
  - Permanent Individual Animal Record (72101) for each project animal  
  - 4-H Involvement Report (91910) | 4-H Animal Project Record Book (91940) and Permanent Individual Animal Records (72101)  
4-H Involvement Report (91910) – to be submitted to your club leader prior to fair plus, A poster, display or notebook (as defined in the 4-H Project Requirement Handbook Glossary of Terms) illustrating something you learned in this project this project year. |

| **Volunteer Materials:** *Pet Helper’s Guide* (06362) | | |

---

Pocket Pets Optional Supporting Materials:  
# SMALL ENGINES

<table>
<thead>
<tr>
<th>Projects</th>
<th>Requirements</th>
<th>Exhibit</th>
</tr>
</thead>
</table>
| **Youth Materials:**  
  4-H Involvement Report (91910)  
  4-H Project Record Book (91950)  
  Crank It Up, Book 1 (08186)  
  Warm It Up, Book 2 (08187)  
  Tune It Up, Book 3 (08188)  

**Volunteer Materials:**  
Small Engines Helper’s Guide (08189)  

Complete a minimum of 7 required/optional activities each year.  
Finish at least 21 of the required and optional activities within 3 years to pass each book.  
Have your project volunteer date (month and year) and initial each activity when it is finished.  
Give an oral presentation (speech, demonstration or illustrated talk) related to this project.  
Complete:  
- 4-H Project Record Book (91950)  
- 4-H Involvement Report (91910)  

4-H Project Record Book (91950)  
4-H Involvement Report (91910) – to be submitted to your club leader prior to fair  

**plus,**  

A poster, display or notebook (as defined in the 4-H Project Requirement Handbook Glossary of Terms) illustrating something you learned in this project this year.  

OR  

One (1) item from the list below for the book you are enrolled in; select a different item to exhibit for the second and third year within a given book.  

*Note: Exhibits must utilize only skills, tools, and techniques taught in that project book or previous levels.  

{Additional copies of the 4-H Project Requirement Handbook Glossary of Terms are available at the Extension Office.}  

---  

**Small Engines Optional Supporting Materials:**  
[www.briggsandstratton.com](http://www.briggsandstratton.com) (Briggs and Stratton)  
[www.arien.com](http://www.arien.com) (Arian)  
[www.deere.com](http://www.deere.com) (John Deere)  
[www.kohlerengines.com](http://www.kohlerengines.com) (Kohler)  
[www.tecumseh.com](http://www.tecumseh.com) (Tecumseh)  

*Note: If an engine is displayed, there should be no fuel in the tank for safety reasons*
Book 1, Crank It Up (BU-7324)
- History of Engines
- Classifying Small Engines
- Uses of Small Engines
- Matching machines to the job
- Engine operation
- Small Engine parts
- Buying Small Engine Parts
- Electrical System Operation
- Needs for Lubrication
- Needs for Cooling System

Book 2, Warm It Up (BU-7325)
- Classifying Small Engines
- Determining engine size
- Comparison of diesel and gasoline engines
- Alternative energy sources
- Grades of gasoline
- Grades of engine oil
- Small engine parts
- Buying engine parts
- Air cleaner cutaway
- Electrical system cutaway

Book 3, Tune It Up (BU-7326)
- Small Engine cutaway
- Small engine tools and their uses
- Troubleshooting a small engine
- Engine valve failures
- Lawnmower blades service
- Rebuild a small engine
- Rebuild small engine equipment
- Build equipment powered by small engines, such as log splitter, go-cart, etc.
- Small engine design trends
- Oil refining process
**SPORT FISHING**

<table>
<thead>
<tr>
<th>Projects</th>
<th>Requirements</th>
<th>Exhibit</th>
</tr>
</thead>
</table>
| **Youth Materials:**  
   4-H Involvement Report (91910)  
   4-H Project Record Book (91950)  
   Take the Bait, Book 1 (07598)  
   Reel in the Fun, Book 2 (07599)  
   Cast into the Future, Book 3 (07600)  
   *Fishing: A Lifetime Sport, Youth Materials* (44351)  
| Complete a minimum of 7 required/optional activities, plus the required number of Learning Experiences (pg. 3) each year. Finish at least 21 of the required and optional activities within 3 years to pass each book. Have your project volunteer date (month and year) and initial each activity when it is finished. Give an oral presentation (speech, demonstration or illustrated talk) related to this project. Complete:  
   - 4-H Project Record Book (91950)  
   - 4-H Involvement Report (91910)  
| 4-H Project Record Book (91950)  
4-H Involvement Report (91910) – to be submitted to your club leader prior to fair  
plus,  
A poster, display or notebook (as defined in the 4-H Project Requirement Handbook Glossary of Terms) illustrating something you learned in this project this year.  
OR  
Something you built or made related to the project.  
Select a different item to exhibit for the second and third year within a given book.  
*Note: Exhibits must utilize only skills, tools, and techniques taught in that project book or previous levels.*  
{Additional copies of the 4-H Project Requirement Handbook Glossary of Terms are available at the Extension Office.}  

**Volunteer Materials:**  
Sport Fishing Group Activity Helper’s Guide (07601)  
Idaho General Fishing Season Regulations.  
4-H Wildlife Bulletins, SW 439, SW 442, and SW451 (pdfs)  

**Sport Fishing Optional Supporting Materials:**  
Idaho 4-H Sportfishing page: [https://www.uidaho.edu/extension/4h/projects/sportfishing](https://www.uidaho.edu/extension/4h/projects/sportfishing)  
For Fishing Regulations visit: [http://fishandgame.idaho.gov/](http://fishandgame.idaho.gov/)  
Sport Fishing Skills Checklist (#44371) available at [https://www.uidaho.edu/extension/4h/projects/sportfishing](https://www.uidaho.edu/extension/4h/projects/sportfishing)
### Projects

**Market Swine**

*Youth Materials:*
- 4-H Involvement Report (91910)
- 4-H Animal Project Record Book (91940)
- Animal Science Checklist

*Volunteer Materials:*
- Swine Resource Handbook (4-h 134R – Ohio)

Choose one or more barrows or gilts for your Market Swine project. Individually identify each animal with an ear tag, tattoo or ear notch. Weigh and provide primary care for all animals on a uniform county feeding period, 80-100 days. Provide one or more forms of positive ownership for at least 100 days for each project animal. Animals marketed through a 4-H sponsored event must submit appropriate documentation to meet the federal requirements of Country of Origin Labeling (COOL).

Complete 5 Animal Science Lessons each year with one of the lessons from the Quality Assurance section. The lessons will be separated by Level 1, 2 and 3. Youth should work through the levels as they gain experience in the project. Participate in a County Approved Quality Assurance program. This must be done prior to the North Idaho Fair Animal Entry deadline.

Give an oral presentation (speech, demonstration or illustrated talk) related to this project.

Complete:
- 4-H Animal Project Record Book (91940)
- Market Swine Growth Chart (72140)
- 4-H Involvement Report (91910)

### Exhibit

- 4-H Animal Project Record Book (91940) and Market Swine Growth Chart (72140) and *up to date* Animal Science Checklist submitted to County Extension Office by date specified.

- 4-H Involvement Report (91910) – to be submitted to your club leader prior to fair

- Exhibit project animal at community, county, or other Extension approved livestock show.

- Display performance data on exhibit or stall card.

- Exhibit one of your project animals in a Swine Fitting and Showing class.

{Note: Each member is strongly encouraged to participate in a livestock judging contest.}

### Alternate and Additional Animals:

If a member weighs in an alternate animal, that individual must maintain records and a growth chart for that animal. If a family weighs in an alternate market animal, at least one individual from that family must maintain records and a growth chart on that animal. If a member has an additional project animal (ie: Jr. Show) that individual must maintain records on that animal along with their North Idaho State Fair animal(s).

### North Idaho State Fair Information:

To be eligible to sell at the North Idaho State Fair the swine must have been weighed and tagged for that member at the Spring Weigh in.

**Market Swine Entry Standards:**

- Minimum Weight: 230 lbs
- Capped Weight (for Stock Sale Purposes): 300 lbs
- Minimum ADG for Quality Finals: 1.60 lbs/day
<table>
<thead>
<tr>
<th>Projects</th>
<th>Requirements</th>
<th>Exhibit</th>
</tr>
</thead>
</table>
| Breeding Swine           | **Youth Materials:**  
  * 4-H Involvement Report (91910)  
  * 4-H Animal Project Record Book (91940)  
  * Animal Science Checklist  

**Volunteer Materials:**  
* Swine Resource Handbook (4-h 134R – Ohio) | Choose one or more gilts/sows for your Breeding Swine project.  
Individually identify each animal with an ear tag, tattoo or ear notch.  
Provide one or more forms of positive ownership for at least 90 days for each project animal.  
If a 4-H member leases a project animal, a completed written and signed copy of the lease agreement must be included in the member’s record book.  
Submit Animal Identification on 4HOnline by June 1st.  
Complete 5 Animal Science Lessons each year with one of the lessons from the Quality Assurance section. The lessons will be separated by Level 1, 2 and 3. Youth should work through the levels as they gain experience in the project.  
Give an oral presentation (speech, demonstration or illustrated talk) related to this project.  
Complete:  
* 4-H Animal Project Record Book (91940)  
* Permanent Individual Animal Record (72101) for each project animal  
* 4-H Involvement Report (91910)  

*Note:* Each member is strongly encouraged to participate in a livestock judging contest. | 4-H Animal Project Record Book (91940) and Permanent Individual Animal Records (72101) and up to date Animal Science Checklist submitted to County Extension Office by date specified.  
4-H Involvement Report (91910) – to be submitted to your club leader prior to fair  
Exhibit project animal at community, county, or other Extension approved livestock show.  
Display performance data on exhibit or stall card.  
Exhibit one of your project animals in a Swine Fitting and Showing class. |

**North Idaho State Fair Information:** Breeding Swine need to have a Swine ID submitted on 4HOnline by June 1st and be individually identified on the North Idaho State Fair 4-H Animal Entry by ear tag, tattoo, etc. and entered in the appropriate quality/age division. Failure to do so may result in disqualification from quality class. Gilts with a current year’s market animal ear tag may not be entered as a breeding project that year. |  

**Swine Optional Supporting Materials:**  
4-H Market Livestock Evaluation System (#72002)  
Selecting 4-H Market Livestock Project Animals (#72007)  
*Beef, Sheep, and Swine Selection and Evaluation – OH (#72010)  
Market Swine Growth Chart (#72140)  
Swine Showmanship DVD (#72998)  
Swine Resource Handbook for Market and Breeding Projects – OH (#72996)  
*Idaho 4-H Livestock Cost & Return Estimates – Market Swine Project (#72995)
### VETERINARY SCIENCE

<table>
<thead>
<tr>
<th>Projects</th>
<th>Requirements</th>
<th>Exhibit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Units 1, 2 and 3 Youth Materials: 4-H Involvement Report (91910) 4-H Project Record Book (91950) From Airedales to Zebras, Level 1 (08048) All Systems Go!, Level 2 (08049) On the Cutting Edge, Level 3 (08050) Volunteer Materials: Veterinary Science Helper’s Guide (08051)</td>
<td>Complete a minimum of 7 required/optional activities (pg. 4) each year. Finish at least 21 of the required and optional activities within 3 years to pass each level. Have your project volunteer date (month and year) and initial each activity when it is finished. Give an oral presentation (speech, demonstration or illustrated talk) related to this project. Complete: • 4-H Project Record Book (91950) • 4-H Involvement Report (91910)</td>
<td>4-H Project Record Book (91950) 4-H Involvement Report (91910) – to be submitted to your club leader prior to fair A poster, display or notebook (as defined in the 4-H Project Requirement Handbook Glossary of Terms) related to the project and unit. {Additional copies of the 4-H Project Requirement Handbook Glossary of Terms are available at the Extension Office.}</td>
</tr>
</tbody>
</table>

**Veterinary Science Optional Supporting Materials:** None at this time
<table>
<thead>
<tr>
<th>Projects</th>
<th>Requirements</th>
<th>Exhibit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Youth Materials:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wildlife Science 1 (#PU 4-H-1044)</td>
<td>Complete at least 5 activities (found under Table of Contents, Chapter headings in member manuals) each year for your respective Level (1, 2, 3).</td>
<td>4-H Project Record Book (91950)</td>
</tr>
<tr>
<td>Wildlife Science 2 (#PU 4-H-1046)</td>
<td>Record the completed activity name, date and short description of what you learned, in the Project Activity log of your 4-H Project Record Book (#91950).</td>
<td>4-H Involvement Report (91910) – to be submitted to your club leader prior to fair plus,</td>
</tr>
<tr>
<td>Wildlife Science 3 (#PU 4-H-1048)</td>
<td>Give an oral presentation (speech, demonstration or illustrated talk) related to this project.</td>
<td>A poster, display or notebook (as defined in the 4-H Project Requirement Handbook Glossary of Terms) illustrating something you learned in this project this year. OR</td>
</tr>
<tr>
<td>4-H Involvement Report (#91910)</td>
<td>Complete the following: • 4-H Involvement Report (#91910) • 4-H Project Record Book (#91950)</td>
<td>Something you built or made related to the project.</td>
</tr>
<tr>
<td>4-H Project Record Book (#91950)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Volunteer Materials:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wildlife Science 1, Facilitator’s Guide (#PU 4-H-1045)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wildlife Science 2, Facilitator’s Guide (#PU 4-H-1047)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Wildlife Optional Supporting Materials:

Idaho 4-H Wildlife page: https://www.uidaho.edu/extension/4h/projects/wildlife
<table>
<thead>
<tr>
<th>Projects</th>
<th>Requirements</th>
<th>Exhibit</th>
</tr>
</thead>
</table>
| **Wood Science**         | **Youth Materials**
  4-H Involvement Report (91910)
  4-H Project Record Book (91950)
  Making the Cut, Book 2 (06876)
  Nailing It Together, Book 3 (06877)
  Finishing Up, Book 4 (06878)

**Volunteer Materials:**
Woodworking Helper’s Guide (06879)                                                                                                                                 | 4-H Project Record Book (91950) 4-H Involvement Report (91910) – to be submitted to your club leader prior to fair plus,

  **Complete a minimum of 7 required/optional Measuring Up Achievement Program activities, plus 2 leadership Experiences each year.**
  Complete all four steps of the Measuring Up Planning Guide – Project goals, leadership experiences, project highlights and project review.
  Finish at least 21 of the required and optional activities within 3 years to pass each book.
  Have your project volunteer date (month and year) and initial each activity when it is finished.
  Give an oral presentation (speech, demonstration or illustrated talk) related to this project.
  Complete:
  - 4-H Project Record Book (91950)
  - 4-H Involvement Report (91910).  |

| **Wood Craft - Watercraft** | **Youth Materials**
  4-H Involvement Report (91910)
  4-H Project Record Book (91950)

**Volunteer Materials:**
Build a personal watercraft vessel based on plans provided in the manual or alternative plans approved by your leader.
 Give an oral presentation (speech, demonstration or illustrated talk) related to this project.
 Complete:
  - 4-H Project Record Book (91950)
  - 4-H Involvement Report (91910).  | 4-H Project Record Book (91950) 4-H Involvement Report (91910) – to be submitted to your club leader prior to fair plus,

  The watercraft you built during the project along with your set of plans

  **Note:** Exhibits must utilize only skills, tools, and techniques taught in that project book or previous levels. |

| **Woodworking Optional Supporting Materials:**
  Measuring Up, Book 1 (83860) |                                                                                                                                                                                                 |                                                                                                                                                             |
Book 2, Making the Cut (BU-06876). (Use hand tools as appropriate)
- A display of wood types (p. 17)
- A napkin or letter holder (p. 32)
- A bird house (p. 33)
- A foot stool (p. 34)
- Any other item made from other plans, books or resources; must include a copy of the building plans with dimensions.

Book 3, Nailing It Together (BU-06877). (Use hand tools and power tools as appropriate)
- A book case (p. 31)
- A simple jigsaw puzzle (p. 33)
- A box with lid (p. 35)
- Any other item made from other plans, books or resources; must include a copy of the building plans with dimensions.

Book 4, Finishing Up (BU-06878). (Use hand tools and power tools as appropriate)
- A step stool or chair (p. 33)
- A tabletop hockey game (p. 34)
- Any other item made from other plans, books or resources; must include a copy of the building plans with dimensions.
# Club Officer Records

## Projects

<table>
<thead>
<tr>
<th>Club Secretary</th>
<th>Requirements</th>
<th>Exhibit</th>
</tr>
</thead>
</table>
| Youth Materials: 4-H Secretary’s Record (91607) | Be elected to this office by your club’s members. 
Be listed on the Club Enrollment form that your Organizational Leader turns in by April 1st.  
Along with the other club officers, fill out the Club Activity Plan (91612) for your club.  
Take and report minutes during club meetings and keep record of those minutes in your Secretary’s Record (91607). | 4-H Secretary’s Record (91607) and 4-H Club Annual Plan of Meetings included in book. |

Note: This is not a project, but an activity that is interview judged during the fair.

## Club Treasurer

| Youth Materials: Idaho 4-H Treasurer’s Book (91630 or 2015 Pilot Test Version) | Be elected to this office by your club’s members.  
Be listed on the Club Enrollment form that your Organizational Leader turns in by April 1st. 
Along with the other club officers, help fill out the 4-H Club Annual Plan of Meetings and Activities (91612) for your club.  
Keep track of all club finances and report on all finance activities during club meetings and in the Idaho 4-H Treasurer’s Book (91630). 
Submit the club annual Financial Summary Financial Report (91631), which can be found in the Idaho 4-H Treasurer’s Book, to the Extension Office by November 1st. | Idaho 4-H Treasurer’s Book (91630 or 2015 Pilot Test Version) |

Note: This is not a project, but an activity that is interview judged during the fair.

## Club Historian/Scrapbook

| Youth Materials: | Be elected to this office by your club’s members.  
Be listed on the Club Enrollment form that your Organizational Leader turns in by April 1st. 
Along with the other club officers, help fill out the 4-H Club Annual Plan of Meetings and Activities (91612) for your club.  
Take or collect photos and other mementos illustrating activities that your club did during the year. Compile those items into an attractive scrapbook. Scrapbooks may be traditional hardcopy format or digital/electronic. See the Club Scrapbook Supplement for details. | 4-H Club Scrapbook or file  
Plus, the Club Scrapbook Supplement. |

Note: This is not a project, but an activity that is interview judged during the fair.

## North Idaho State Fair Information: This area is interview judged

While not all club offices are listed here, any club officer may take the Leadership project and use the club officer focus area checklist. Additional officer materials can be found on the Idaho 4-H website at http://www.uidaho.edu/extension/4h/pages/documents.
North Idaho State Fair 4-H Rules and Departments

EXTENSION EDUCATOR, 4-H/Youth Development: Sharla Wilson
4-H PROGRAM COORDINATOR: Teresa Balderrama
EXTENSION SECRETARIES: Carly Shelton – Michal Bennett

GENERAL RULES
1. Entries can only be made in those projects for which the member was officially enrolled as a Kootenai/Shoshone County 4-H Member by March 1st and in that project by April 1st. Entries must be in the proper unit to be eligible for top overall awards. All entries must be made/grown during the project year. In addition, 4-H members with the Coeur d’ Alene Tribal Extension program may also participate per Memorandum of Understanding between the Extension programs.

2. A member may only enroll in two units of any given project during the current 4-H year; only one entry may be made in a class. Extra exhibits may be entered in Open Class. In the case of large animal (Beef, Goat, Sheep, Swine) exhibits, where there are no open class options, a member may request, in person, to the 4-H Livestock Leaders during a regular business meeting prior to July 2, that they may exhibit 2 animals in a breeding class if they are exhibiting no other animals in that species.

3. Exhibitors, parents, and leaders are expected to conduct themselves in a responsible and sportsman–like manner at all times. Efforts are being made to insure that the Fair is an enjoyable experience for everyone. Any violators, be it toward fair officials, other exhibitors, parents or leaders or toward the general public will face immediate expulsion from the fair and will forfeit any privileges or premiums associated with the Fair.

4-H BUILDING EXHIBITS
4. Every 4-H Building exhibit shall have attached to it a 4 inch x 6 inch card (printed by the Extension Office) with first and last name of member, club name, and member age division.

5. All exhibits (involvement reports, record books, posters, notebooks and displays) must meet the specifications set forth in the current Kootenai/Shoshone 4-H Project Requirements and its “Glossary of Terms”. (This supersedes any conflicting exhibit specifications listed in project manuals or state level project requirements.)

6. Selected project areas will be interview judged on Wednesday, August 15. These projects have been identified with {Interview Judged} and the date next to the project category listing. These projects will be delivered to the 4-H Building for display by the Extension Office after judging is completed.

4-H LIVESTOCK EXHIBITS
7. Members must submit their 4-H animal entry form and stall fees by July 2 to avoid late fees; no entries will be taken after July 31.

8. Completed record books of all dog, horse, market, breeding, dairy, family flock and pullet/layer animal projects must be submitted to the respective project leaders, then to the Extension Office by 5 pm on September 4. Members need to have also submitted a current Involvement Report, via their Organizational Leader to the Extension Office, for their record book to be considered complete, and to exhibit at fair. In reviewing these records, should any record be deemed incomplete, the member will be notified and then have until 5 pm on the last business day of September to resubmit a completed record book. Failure to
submit a completed record book by the last business day of September for each project exhibited will be dealt with as set forth on the respective County Show entry or the 4-H Animal Entry.

9. Grade or registered livestock are shown in the same class, unless otherwise noted.

10. Only dehorned or polled cattle and sheep can be entered and shown. Any cattle and sheep having scurs over 2 inches long from the skin at the base of the horn to the tip will be disqualified from exhibiting. This is a safety precaution for exhibitors and the public.

11. Pet/Pack, and Breeding Goats may be shown with horns. All horns must be tipped, taped, or padded. Market and Dairy goats must be dehorned or polled, or have scurs less than 2 inches long (see rule 10).

12. Members must exhibit their own project animal/fowl in quality judging, plus fit and show one animal/fowl from each livestock category (beef, dairy, goat, poultry, rabbit, sheep, swine) the member enters in the Fair. Any requests for exception must be made directly to the Department superintendent, and is subject to review team approval (Extension 4-H Educator/Coordinator, Department Superintendant, one other 4-H leader and representatives from 2 other 4-H clubs). All market animals must be fit and shown unless excused as specified above; only one rabbit in a meat pen (or a breeding rabbit that is part of their market project) need be fit and shown, poultry must show according to provisions noted in the Project Requirement Handbook.

13. Exhibitors (including poultry and rabbit) shall furnish hay and other feeds at their own expense. Due to swine pen size, only self-waterers plus an optional self-feeder (no larger than 12 inches x 12 inches at the base) may be left in swine pens; buckets and pans must be removed immediately after feeding. Failure to provide proper care (feed, water, etc.) of any animals may result in disqualification and removal of affected animals.

14. All 4-H Livestock Barns, including Poultry/Rabbits, must be cleaned by livestock exhibitors before 10 am. Cleanliness of pens and aisles must be maintained during Fair hours without obstructing the walkways. All animals will utilize designated bedding materials. Exhibitors must stall in assigned areas, no exceptions.

15. During the course of the North Idaho State Fair all animals are to be clean and well fitted for quality and fitting & showing classes. Only the exhibitors are allowed to do actual grooming of their project animals. Parents and leaders are urged to be present and provide support/assistance to the exhibitors. Sheep must be completely dry when weighing in. They may be washed after weigh-in, but must be dry when shown.

16. Use of any unauthorized drugs and/or tranquilizers in animals is strictly prohibited; withdrawal times for licensed products must be followed. All animals entered in the North Idaho State Fair are subject to testing. Should a violation occur, it will be dealt with according to procedures as listed on the 4-H Animal Entry Form.

17. The participant is on notice that the unauthorized use of drugs/tranquilizers may be a violation of state and/or federal statutes, and that the above sanctions by the Fair Board do not circumvent the prosecution of any individual violating state and/or federal laws.

18. All animals will be subject to a health inspection prior to the opening day of fair.

19. Extension reserves the right, in consultation with the Fair veterinarian and member’s family, to require the immediate removal of any 4-H animal from the grounds that exhibits a condition deemed detrimental to itself or other animal exhibits. All sheep and goats requiring Scrapie identification and beef/dairy cattle requiring Bangs vaccinations must be in compliance to exhibit. (see Idaho Livestock Exhibitors Reference Manual for more information)

20. It is mandatory to sell all Grand and Reserve Champion market stock. Other eligible market stock must also be sold, unless excluded at the time of Fair weigh-in on August 21. Only animals weighed and tagged during the Spring weigh-ins are eligible to be shown in any market animal classes; these tagged animals may not be entered as breeding projects that year.
AWARDS
21. The Danish award system will be used. All completed exhibits will be divided into three ribbon groups according to the quality of project work exhibited at the Fair. Blue ribbons indicate excellent work. Red ribbons indicate very good work. White ribbons indicate fairly good work. Incomplete exhibits will not receive awards or be displayed. The record book and project story is an important part of the exhibit and must be completed to receive premiums. Only completed exhibits receiving a blue ribbon will be eligible for top overall awards, which will be given at the judge’s discretion. Unless otherwise noted, premiums are: Blue: $5, Red: $3, and White: $1 plus Farm Bureau adds an additional $2 per 4-H premium.
22. Exhibitors who are to receive trophies must turn in Thank You notes to their donors (at the 4-H Building) by 5 pm on Sunday, August 26.
23. Cash premiums will be paid from 2 to 6 pm on Sunday, paid at the Fair Main Office from 2 to 7 pm on Monday, August 27; and then Tuesday, August 28 through Friday, August 31 during regular Fair Office hours (9 am to 4:30 pm daily, closed for lunch between Noon and 1 pm and closed on the weekends). If not claimed by 5 pm on August 31, the premium will be considered a donation to the Fair’s general fund.

EXHIBIT REMOVAL
24. Unauthorized removal of exhibits prior to scheduled release times will result in forfeiture of any and all premiums, awards and/or sale proceeds, and be subject to further disciplinary action as deemed appropriate.
25. Livestock removal: Rabbits and poultry, including small animal sale entries, can be checked out from 7pm to 9pm on Sunday, August 26. The 4-H Stock Sale Livestock animals, may be checked out after 6 pm Sunday, August 26. Large volume stock sale loads may be scheduled at an alternate time, by species, so long as they are after 6pm on Sunday, August 26. All non-market animal entries are to be checked out with the species superintendent between 7pm and 9pm on Sunday, August 26. Between 7 and 9 pm, decorations must be removed and bedding is to be stripped from all stalls/pens (in a manner that doesn’t interfere with animal load-out) and disposed of in the designated area, unless otherwise instructed by the species superintendent. Members or owners are responsible for picking up animal exhibits.
26. 4-H Building exhibit removal: All exhibits must be checked out with Superintendents on Sunday, August 26 after 7 pm and before 9 pm. Organizational and/or Project leaders are responsible for picking up all 4-H Building exhibits and returning them to the members.

4-H SMALL ANIMAL AND STOCK SALE RULES
27. Animals eligible for sale: all market beef, goats, sheep, swine, poultry and rabbits owned by eligible 4-H members, meeting weight requirements and receiving a blue or a red ribbon in the official quality grading. White ribbon animals will not be sold through the 4-H Small Animal or Stock Sale. All animals in the 4-H Small Animal or Stock Sale must be shown as provided in Rule 11 of the 4-H Livestock Exhibits rules. In order to sell an animal, the animal must be able to be handled by the member in a responsible and safe manner. Rabbit and Poultry meat pens will be sold at the Small Animal Sale on Friday, August 24. Beef, Goats, Sheep and Swine will be sold at the 4-H Stock Sale on Saturday, August 25.
28. No more than two 4-H market animals (excluding market rabbits and market poultry) can be sold by a 4-H member in any given year at the 4-H Stock Sale. Members must be present, or insure that another member is present on their behalf, to take their animal through the 4-H Small Animal or Stock Sale. If no one is present with the animal at the appropriate time, then it will not be allowed to sell.
29. On market animals sold, the title to the animal will pass immediately on acceptance of final bids by the auctioneer, with possession taking place at 6 pm Sunday, August 26. 4-H’ers will care for the animals until their removal on August 26.
30. All 4-H members must be dressed appropriately while in the sale ring (see Guidelines - Section VI).
31. Sale order for 2018 is beef, sheep, goats, swine. The order for the Small Animal Sale is Poultry then Rabbit
32. A sale charge will be deducted from all animals sold through 4-H Small Animal or Stock Sale.
33. Members must turn in their buyer thank you notes to their livestock leader by 5:30 pm on Saturday, August 25. Leaders must submit buyer thank you notes to the 4-H Office by 10:30 am on Sunday, August 26. Thank you buyer stall cards MUST be posted no later than 3 pm, Saturday, August 25.
34. No member, parent or leader shall approach a Small Animal or Stock Sale buyer after an animal has been sold at auction, to regain ownership of that animal. Any inquiries must be directed through the 4-H Office, No exceptions! Failure to abide by this rule may result in at least a 1-year suspension from selling any animal in the 4-H Small Animal or Stock Sale.
SECTION I - 4-H ANIMALS

The Kootenai/Shoshone 4-H program strongly supports positive animal care and strongly opposes animal abuse. 4-H is also dedicated to the mission of developing youth and volunteers through “Learning by Doing” programs. 4-H animal projects teach life skills such as responsibility, information gathering, and decision-making.

DEPARTMENT 1 - 4-H LIVESTOCK

DIVISION 1: 4-H CATTLE
CLASS 1 Breeding Beef (all breeds)
   Lot 1 Cow, 3 years & older
   2 Producing Cow, 2 years old
   3 Yearling Heifer
   4 Heifer Calf
   5 Cow & Calf, if not shown in Lot 1 or 2

Dairy Cattle (all breeds)
   Lot 1 Producing Cow, 3 years & older
   2 Producing Cow, under 3 years
   3 Non-producing Cow, 2 years old
   4 Yearling Heifer
   5 Heifer Calf

Market Beef (all breeds)
   Lot 1a Market Steer (all breeds), 1000 pounds & over
   2b Registered Aberdeen Steers, 50-74% are 900 pounds & over, 75-100% are 750 pounds & over
   3 Light Weight Feeder Beef (all breeds)

DIVISION 2: 4-H GOAT
CLASS 1 Breeding Goats (all meat type breeds)
   (any doe over 20 months of age must have kidded to be eligible for exhibit)
   2 Dairy Goats (all breeds)
   Lot 1 Senior Doe, any doe who has ever freshened including dry milker
   3 Junior Doe, any doe under 24 months who has never freshened
      (Any doe over 24 months that has never freshened shall not be shown.)
   4 Market Goats (all breeds)
   Lot 1 Market Goat, 60 pounds & over, born after October 1 of the previous year
   2 Light Weight Feeder Goat, under 60 pounds
   5 Pack Goats (all breeds)

DIVISION 3: 4-H SHEEP
CLASS 1 Breeding Sheep (all breeds)
   Lot 1 Ewe, 2 years & older
   2 Yearling ewe, determined by their teeth
   3 Ewe lamb
   2 Market Sheep (all breeds)
   Lot 1 Market Lamb, 105 pounds & over
   2 Light Weight Feeder Lamb, under 105 pounds

DIVISION 4: 4-H SWINE
CLASS 1 Breeding Swine (all breeds)
   Lot 1 Sow, 1 year & over, farrowed before August 1 of last year
   2 Senior gilt, date of birth before February 1 of current year
   3 Junior gilt, date of birth after February 1 of current year
   4 Sow & litter
   2 Market Swine (all breeds)
   Lot 1 Market Hog, 230 pounds & over
   2 Light Weight Feeder Hog, under 230 pounds

DEPARTMENT 2 - 4-H SMALL ANIMALS

DIVISION 1: 4-H RABBIT
CLASS 1 Breeding Rabbit (all breeds)
   Lot 1 Junior Doe
   2 Senior Doe
   3 Junior Buck
   4 Senior Buck
   5 Doe & Litter, shown in own escape proof cage.
   (Bunnies not to be younger than 4 weeks old)
   2 Meat Pen, all meat pens compete together, each rabbit weighing 3-5 1/2 pounds at 8-12 weeks of age.
DIVISION 2: 4-H POULTRY
CLASS 1  Domestic Market Poultry
  2  Pullets/Laying Hens
  3  Family Flock
Note: No Waterfowl will be exhibited, all poultry exhibited must be tested for avian influenza prior to exhibiting.

DEPARTMENT 3 - 4-H HORSE
DIVISION 1: LIGHT HORSE
Fitting & Showing is required of 1st, 2nd & 3rd year members. Premiums are only awarded in Fitting & Showing

These events will be held at the County 4-H Horse Show.

SECTION 1: PREMIUM CLASSES
CLASS 1  Fitting & Showing

SECTION 2: PERFORMANCE CLASSES
Classes will be held for Junior, Intermediate and Senior age groups for the following events (unless otherwise noted):
- Dressage
- Pleasure Driving
- Trail Class
- Bareback Equitation
- Western Equitation
- Walk/Trot Equitation
- Junior Green Horse/Junior Horse
- Hunt Seat Equitation
- Hunt Seat Equitation Over Fences
- Costume Class
- Pole Bending
- Idaho Figure 8 Stake Race
- Key Race
- Flag Race
- Barrel Racing

DEPARTMENT 4 - 4-H DOG
DIVISION 1: 4-H DOG
Premiums are only awarded in Fitting & Showing, plus Obedience or Rally.

These events will be held at the 4-H County Dog Show.

SECTION 1: PREMIUM CLASSES
CLASS 1  Fitting & Showing
  2  Obedience
  3  Rally

SECTION 2: PERFORMANCE CLASSES (no premiums awarded)
CLASS 1  Agility

DEPARTMENT 5 - 4-H ANIMAL RELATED PROJECTS
Exhibits for this department must be entered in the 4-H Building according to entry schedule. No live exhibits in this department. Contact the Extension Office prior to July 2 for entry forms if planning to participate in the optional Goat, Poultry or Rabbit Fitting & Showing competitions.

DIVISION 1: 4-H VETERINARY SCIENCE
CLASS 1  From Airedales to Zebras, Level 1
  2  All Systems Go, Level 2
  3  On The Cutting Edge, Level 3

DIVISION 2: 4-H CAT
CLASS 1  Cat

DIVISION 3: 4-H PET DOG
CLASS 1  Non-Animal Dog

DIVISION 4: 4-H PET GOAT
CLASS 1  Pet/Pygmy Goat

DIVISION 5: 4-H PET RABBIT
CLASS 1  Pet Rabbit

DIVISION 6: 4-H POCKET PETS
CLASS 1  Pocket Pets

DIVISION 7: 4-H PET POULTRY
CLASS 1  Pet Poultry

DIVISION 8: 4-H NON-HORSE PROJECT
CLASS 1  Non-Horse
SECTION II - 4-H FAMILY & CONSUMER SCIENCES

DEPARTMENT 1 - CLOTHING

DIVISION 1: 4-H CLOTHING
{Interview Judged}
CLASS 1  STEAM 1 Fundamentals
2 STEAM 2 Simply Sewing
3 STEAM 3 A Stich Further
4 STEAM 4 Beyond the Needle

DIVISION 2: CROCHETING
{Interview Judged}
CLASS 1 Crocheting, Unit 1
2 Crocheting, Unit 2
3 Crocheting, Unit 3
4 Crocheting, Unit 4

DIVISION 3: KNITTING
{Interview Judged}
CLASS 1 Knitting, Beginner, Level A
2 Knitting, Beginner, Level B
3 Knitting, Intermediate, Level A
4 Knitting, Intermediate, Level B
5 Knitting, Advanced, Level A
6 Knitting, Advanced, Level B

DIVISION 4: Quilting
{Interview Judged}
CLASS 1 Quilting

DEPARTMENT 2 - 4-H FOODS

For economic reasons, we advise perishable food exhibit size be limited. Foods requiring refrigeration will not be accepted.

DIVISION 1: 4-H FOODS
CLASS 1 Cooking 101
2 Cooking 201
3 Cooking 301
4 Cooking 401
5 Dutch Oven Cooking, Unit 1
6 Baking 1
7 Baking 2
8 Baking 3
9 Baking 4
10 Food Preservation, Dehydration
11 Food Preservation, Frozen Food
12 Food Preservation, Boiling Waterbath Canning
13 Food Preservation, Pressure Canning

DEPARTMENT 3 - 4-H CULTURAL LIFE SKILLS

DIVISION 1: 4-H HANDWORK FROM OUR HERITAGE
{Interview Judged}
CLASS 1 Embroidery or Crewel
2 Specialty Embroidery
3 Needlepoint
4 Appliqué
5 Rug Making
6 Macramé
7 Tole Painting
8 Ceramics
9 Beadwork
10 Wheat Weaving
11 Origami
12 Dried Flower Art
13 Alternatives
SECTION III - 4-H MISCELLANEOUS

DEPARTMENT 1 - 4-H EXPRESSIVE ARTS PROJECTS

DIVISION 1: 4-H ART
CLASS 1 Sketchbook Crossroads
2 Portfolio Pathways

DIVISION 2: 4-H PHOTOGRAPHY
CLASS 1 Focus on Photography, Level 1
2 Controlling the Image, Level 2
3 Mastering Photography, Level 3

DIVISION 3: 4-H CAKE DECORATING
CLASS 1 Cake Decorating, Unit 1
2 Cake Decorating, Unit 2
3 Cake Decorating, Unit 3
4 Cake Decorating, Unit 4
5 Cake Decorating, Unit 5
6 Cake Decorating, Unit 6
7 Cake Decorating, Unit 7
8 Cake Decorating, Unit 8
9 Cake Decorating, Unit 9
10 Cake Decorating, Unit 10
11 Cake Decorating, Unit 11
12 Cake Decorating, Unit 12

DIVISION 4: 4-H LEATHERCRAFT
CLASS 1 Leathercraft, Unit 1
2 Leathercraft, Unit 2
3 Leathercraft, Unit 3
4 Leathercraft, Unit 4
5 Leathercraft, Unit 5
6 Leathercraft, Unit 6
7 Leathercraft, Unit 7
8 Leathercraft, Unit 8
9 Leathercraft, Unit 9
10 Leathercraft, Unit 10

DEPARTMENT 2 - 4-H ENVIRONMENT PROJECTS

DIVISION 1: 4-H ENTOMOLOGY
CLASS 1 Basic Entomology, Book 1
2 Advanced Entomological Techniques, Book 2
3 Insect Life Cycle Studies, Book 3
4 Beekeeping

DIVISION 2: 4-H FORESTRY
CLASS 1 Follow The Path, Level 1
2 Reach For The Canopy, Level 2
3 Explore The Deep Woods, Level 3

DIVISION 3: 4-H WILDLIFE
CLASS 1 Wildlife Science, Level 1
2 Wildlife Science, Level 2
3 Wildlife Science, Level 3

DIVISION 4: 4-H SPORT FISHING
CLASS 1 Take the Bait, Level 1
2 Reel in the Fun, Level 2
3 Cast into the Future, Level 3

DEPARTMENT 3 - 4-H TECHNOLOGY & ENGINEERING

DIVISION 1: 4-H AEROSPACE
CLASS 1 Lift-Off, Stage 2
2 Reaching New Heights, Stage 3
3 Pilot In Command, Stage 4

DIVISION 2: 4-H ELECTRICITY
CLASS 1 Magic of Electricity, Level 1
2 Investigating Electricity, Level 2
3 Wired For Power, Level 3
4 Entering Electronics, Level 4

DIVISION 3: 4-H GEOSPATIAL
CLASS 1 Getting Out, Beginner
2 On The Trail, Intermediate
3 Reaching Your Destination, Advanced

DIVISION 4: 4-H ROBOTICS & R/C
{Interview Judged}
CLASS 1 Robotics 1
2 Robotics 2
DIVISION 5: 4-H SMALL ENGINES
CLASS 1: Crank It Up, Level 1
  2 Warm It Up, Level 2
  3 Tune It Up, Level 3

DIVISION 6: 4-H WOODWORKING
CLASS 1: Making The Cut, Level 2
  2 Nailing It Together, Level 3
  3 Finishing Up, Level 4
  4 Watercraft

DIVISION 7: 4-H COMPUTERS
CLASS 1: Inside the Box, Level 1
  2 Peer to Peer, Level 2
  3 Teens Teaching Tech, Level 3

DIVISION 8: 4-H R/C
CLASS 1: R/C Vehicles

DEPARTMENT 4 - 4-H PERSONAL DEVELOPMENT

DIVISION 1: 4-H SCRAPBOOK
{Interview Judged}
CLASS 1: Club Scrapbook submitted by Historian or Reporter
  (Scrapbook Supplement form must accompany exhibit)

DIVISION 2: 4-H SECRETARY BOOK
{Interview Judged}
CLASS 1: Secretary Record Book

DIVISION 3: 4-H TREASURER
{Interview Judged}
CLASS 1: Treasurer Record Book

DIVISION 4: 4-H SELF-DETERMINED
{Interview Judged}
CLASS 1: Self Determined, You Decide

DIVISION 5: 4-H LEADERSHIP
{Interview Judged}
CLASS 1: My Leadership Road Trip

DIVISION 6: 4-H CITIZEN & COMMUNITY INVOLVEMENT
{Interview Judged}
CLASS 1: Exploring Citizenship, My Government
  2 Advanced Citizenship
  3 Power of the Press
  4 Exploring Citizenship, National Focus

DEPARTMENT 5 - 4-H PLANTS & SOILS PROJECTS

DIVISION 1: 4-H GARDEN
CLASS 1: See Them Sprout, Level A
  2 Let’s Get Growing, Level B
  3 Take Your Pick, Level C
  4 Growing Profits, Level D
  5 Junior Master Gardener

DEPARTMENT 6 - 4-H SAFETY & RECREATIONAL PROJECTS

DIVISION 1: 4-H BICYCLE
CLASS 1: Bicycling for Fun, Book 1
  2 Wheels in Motion, Book 2

DIVISION 2: 4-H SHOOTING SPORTS
CLASS 1: Archery
  2 Hunting
  3 Muzzle Loader
  4 Pistol
  5 Rifle
  6 Shotgun

DIVISION 3: ADVENTURE/CHALLENGE
CLASS 1: Canoeing
  2 Cross Country Skiing
  3 Dog Sledding
  4 Outdoor Adventure/Hiking Trails
  5 Outdoor Adventure/Camping Adventures
  6 Outdoor Adventure/Backpacking Expeditions
  7 4-H Survival, All Units

SECTION IV - CLOVERBUDS
(a non-competitive educational program for 5-7 year old youth)

CLASS 1: Cloverbuds, All Units
SECTION V - 4-H CONTESTS

DIVISION 1: LIVESTOCK / HORSE / DOG JUDGING
These judging contests are open to all club members respectively enrolled in Livestock/Horse/Dog projects.

DIVISION 2: HORSE / DOG BOWLS
These knowledge bowl contests are open to all club members respectively enrolled in Horse/Dog projects.

DIVISION 3: HORSE HIPPOLOGY CONTEST
This knowledge and skills contest is open to all club members enrolled in Horse projects.

DIVISION 4: ORAL PRESENTATIONS
All 4-H members are eligible to present oral presentations in the following areas: Demonstrations/Illustrated Talks, Speeches, Dramatic Presentations. The County Oral Presentation contest was April 22.
CLASS 1 Junior, Ages 8-10
   2 Intermediate, Ages 11-13
   3 Senior, Ages 14-18

DIVISION 5: STYLE SHOW
While blue, red & white Fashion Review ribbons are awarded based on skills demonstrated during the Interview Judging, top overall awards will only be selected among youth participating in the 4-H Style Show.
CLASS 1 Junior Models, Ages 8-10
   2 Intermediate Models, Ages 11-13
   3 Senior Models, Ages 14-18

DIVISION 6: ANIMAL FITTING & SHOWING
Showing order within each species is Juniors, Intermediates and Seniors. The top individual from each age division within a given species will be brought back to compete for top overall showman. The top showman within each species will advance to the Round-Robin.
SPECIES: Beef, Dairy Cattle, Dog, Meat Goat, Goat (Dairy, Pet or Pack), Horse, Poultry, Rabbit, Sheep and Swine
All ages as of January 1, 2018
CLASS 1 Junior, Ages 8-10
   2 Intermediate, Ages 11-13
   3 Senior, Ages 14-18

DIVISION 7: HERDSMANSHP SPECIAL CLUB AWARDS
$25 awards will be given in the following categories: Cattle - Goat - Sheep – Swine. Judging may take place daily from Wednesday morning through Sunday closing of Fair week.
SCORECARD:
1. ANIMALS 30 points
   Clean and well groomed. Properly secured in pens/stalls 0-15 points
   Appear to be fed and watered regularly. Animals are content. Water is clean & at least ½ full if visible in pen 0-15 points

2. ALLEY, PENS & STALLS 35 points
   Walkway swept and dirt aisles sprinkled 0-10 points
   Appropriate amount of bedding used. Manure removed and disposed of 0-10 points
   Stall cards / buyer signs complete/neat/legible 0-5 points
   Assigned stalls and tack space (if any) are neat; equipment stored properly 0-10 points

3. EDUCATIONAL DISPLAYS 25 points
   Tells about species to the general public 0-10 points
   Tells about 4-H to the general public 0-5 points
   Appropriate lettering and illustration size, easy to read from the walkway 0-10 points

4. DECORATIONS 10 points
   Incorporates fair theme 0-4 points
   Uses 4-H emblem and colors 0-3 points
   Decorations and Displays are attractively arranged. Do not block view of animals, Don’t protrude into the alley/other pens 0-3 points

TOTAL SCORE 100 points

NOTE: All work to be done by Club Members
DIVISION 8: SMALL ANIMAL HERDSMANSHP - CLUB
Awards will be given in the following categories: Rabbit & Poultry. Judging may take place daily from Wednesday morning through Sunday closing of Fair week.

SCORECARD:
1. ANIMALS 30 points
   Clean and well groomed. Properly secured in pens/stalls 0-15 points
   Appear to be fed and watered regularly. Animals are content. Water is clean & at least ½ full if visible in pen 0-15 points

2. Walkways, PENS & STALLS 30 points
   Cage/Pen clean, free from debris 0-15 points
   Stall cards and buyer signs (Beginning Sat at 3 PM) are complete/neat/legible 0-15 points

3. EDUCATIONAL DISPLAYS 25 points
   Tells about species to the general public 0-10 points
   Tells about 4-H to the general public 0-5 points
   Appropriate lettering and illustration size, easy to read from the walkway 0-10 points

4. DECORATIONS 15 points
   Incorporates fair theme 0-5 points
   Uses 4-H emblem and colors 0-5 points
   Decorations and Displays are attractively arranged. Do not protrude into the alley/other pens 0-5 points

TOTAL SCORE 100 points

NOTE: All work to be done by Club Members

SECTION VI - 4-H LIVESTOCK EXHIBITOR DRESS GUIDELINES

To enhance the image of the 4-H program and its participants, the following guidelines have been implemented. Members are expected to wear safe, appropriate clothing/footwear whenever working with animals or on barn duty.

In addition the following must be observed whenever exhibitors are in the show ring and during the 4-H Small Animal or Stock Sale. Emphasis is on safely presenting a clean, neat appearance, not expensive clothing.

1. Shirt or blouse may be short-sleeved or long-sleeved, but must have a collar (no t-shirts or sleeveless blouses). Rabbit and poultry exhibitors must wear long-sleeved shirt or a blouse.
2. Full-length slacks/pants/jeans are appropriate (no grubby, worn-out jeans).
3. Boots, hard-soled or tennis shoes must be worn for safety reasons (no sandals, thongs, or open-backed shoes, etc.).
4. Caps or hats are not permitted while showing animals indoors. (When showing outdoors, caps or hats may be worn at the judge’s discretion.)
5. At no time, will decorating of exhibitors or animals by means of costumes, signs, etc. be tolerated. (Club shirts/vest okay.)
6. All dairy and dairy goat project members will wear white clothing to fit and show. (Pet and meat goats will follow general 4-H Livestock Exhibitor Guidelines.)

Remember, to gain the respect and support of other people, you must earn it through the way you act and the pride you take in your personal appearance. Any questions on appropriate attire should be directed to the Extension Office.