1. 4-H members may enter only one exhibit per class number unless otherwise specified.

2. Cloverbud (ages 5 – 8 as of September 1, 2014) exhibit categories are listed as a group. All Cloverbud static exhibits will be accepted Saturday and/or Monday during exhibit judging hours. Use the Contest Entry Form to schedule Fashion Revue and Presentations. Static exhibits and non-animal activities will be in the 4-H building. For information on small animal exhibits, please consult the 4-H Small Animal section.

3. All exhibits for Fashion Revue, Clothing, Knitting, Crocheting, Child Development, Recycle Reuse, Home Environment, Expressive Arts, Photography, Natural Resources, Science, Engineering, and Educational Displays are to be in the judging area by 4:00 pm Saturday before the fair. All exhibits for Horticulture, Cake Decorating, Food Preparation, and Food Preservation are to be in the judging area by 4:00 pm, Monday, the day before the fair. All Cloverbud static exhibits will be accepted during Saturday and/or Monday judging hours.

4. The following classes are open to all 4-H members and do not require enrollment in a specific project: Educational, Science, and Honeybee Displays, Recycling/Reuse, Presentations, Computers, Conservation, Videography, and Learn & Earn. Presentations and Learn & Earn are done during Fair; all other classes in this group are due for judging on Saturday, August 15.

5. INTERVIEW JUDGING is an opportunity for the judge to talk to the exhibitor on a one-to-one basis. THIS IS FOR THE MEMBER AND NOT THE PARENTS. Parents and leaders should not be in the area where interview judging is taking place. The best education will take place when the child feels free to talk about their project without other adults hovering. Parents and leaders may consult with the judge after the judging has been completed if appropriate and if time permits. Members who are unable to participate in interview judging may have their static exhibits brought to the fairgrounds by leaders, parents, or friends. The exhibits will be judged after all interviewing has been completed. Written comments will be given. Check the schedule of events for interview judging times.

6. Exhibits received late will be judged by the project superintendent and, if qualified, will be given a blue, red or white ribbon and a premium and be exhibited at county fair. However, they will not be considered for exhibit at State Fair, champion ribbons or special awards.

7. 4-H exhibits at the Clackamas County Fair are entered and displayed at the risk of the exhibitor. The OSU Extension Service 4-H Program in Clackamas County exercises care when handling and displaying exhibits, but cannot accept responsibility for loss or damage due to the conditions imposed by large crowds, the arrangement of the building in which displays are housed, the great number of exhibits, and other hazards of fair. 4-H members who have exhibits of great sentimental and/or monetary value may request to take such exhibits home after judging. Contact the appropriate Superintendent before fair to make arrangements.

8. EXHIBITS WILL NOT BE RELEASED BEFORE 8:00 PM ON THE CLOSING DAY OF FAIR. All unclaimed exhibits (except for State Fair) will be taken to the Extension office and will be available for pick up on Wednesday after the Fair.

9. To qualify for judging all exhibits must have a 4-H Exhibit Tag and Explanation card securely attached. Exhibit tags are printed by the Extension office and will be available on judging days. The explanation cards, in addition to judging score cards and display check lists, are available for most project areas at the County Extension office and on the State 4-H website at: http://oregon.4h.oregonstate.edu/state-fair.

10. Many special awards are available in all project areas in the Exhibit Hall. These may be either cash awards or items related to the project area (e.g. cookbooks, art store gift certificates, etc.). Awards are also given for specific topics in Educational Displays and presentations. For the list of Awards and requirements, please visit the HEARTH webpage: http://extension.oregonstate.edu/clackamas/4h/hearth.

11. All members participating in any Exhibit Hall contests during County Fair pay a non-refundable $5.00 fee for the first TWO contests entered and a $10.00 fee if entering THREE or more contests. This includes

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**EXHIBIT HALL RULES**

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<thead>
<tr>
<th>4-H Superintendents</th>
<th>4-H Assistant Superintendents</th>
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<tr>
<td>Karen Jeffrey-Markowski</td>
<td>Andrea Simpson</td>
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<tr>
<td>Loyal Hjelmervik</td>
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<td>Becky Dutton</td>
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<td>Susan Simpson</td>
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**4-H EXHIBIT HALL**

Mel Jeffrey – Head Superintendent
Susan Simpson – Assistant Head Superintendent
Rabbits, Cavies, or Poultry.

Animals are to be delivered and judged at the Small Animal Barn. Please see the Small Animal section for additional information.

CHOOSE only 1 of the 3 classes listed for small animals -

761 191 110 C NP  Rabbits - any rabbit may be exhibited, animals must be caged or contained in some manner.
762 191 110 C NP  Cavies - any cavy may be exhibited, animals must be caged or contained in some manner.
731 191 110 C NP  Poultry - all poultry (chickens, geese and other fowl) are included in this category.

000 191 110 C NP  Cloverbud Exhibit – Choose as many categories as you wish from the list below, but you are limited to one exhibit per category except for flowers, vegetables and photography, where two exhibits are allowed. Examples are listed after each class; however, members may exhibit items other than those listed. Members should follow 4-H class guidelines for exhibits (see each project area). NO LEGOS PLEASE!

- Plants – live plants grown by the 4-H member, such as houseplants, vegetables, terrariums, container gardens, and potted herbs.
- Cut Flowers – must be grown by the 4-H member. Youth are limited to two exhibits.
- Vegetables – must be grown by the 4-H member. Youth are limited to two exhibits.
- Natural Science – examples: leaf prints, nature bookmark
- Engineering – examples: feed box, draft stopper, draft detectors, bird feeders
- Expressive Arts – examples: refrigerator magnet, ornaments, puppets, stone creatures, and mobiles.
- Photography – youth are limited to two 5” x 7” photos, mounted on mat board no larger than 8” x 10” and must have a plastic picture hanger on the back of the mat board (available for purchase at fairgrounds on entry day). No frames are allowed.
- Wearable Art – examples: painted, dyed or decorated clothing or accessories.
- Art Work – examples: painting or drawing. Must have plastic hanger on the back (available for purchase at fairgrounds on entry day).
- Sewing – examples: aprons, potholders, banners, and hand sewn items.
- Fiber Arts – examples: embroidery, weaving, cross-stitch.
- Knit or Crochet – examples: pot holder, scarf.
- Cooking – exhibit size: 3 cookies

State Fair Exhibit Hall Procedures

All State Fair exhibits and contests, except animals, will be entered as follows:

1. If your "static" exhibit qualified for State Fair, pick up a letter of instructions at the 4-H Exhibit Building.
2. Superintendents in each department will provide a new 4-H EXHIBIT TAG for each exhibit.
3. Leave exhibits in Exhibit Building or bring to designated pickup point as indicated on the letter of instructions. BAKED GOODS MUST BE FRESHLY BAKED.
4. The Extension Agent will designate superintendents or volunteers to deliver static exhibits to the State Fair. Exhibitors are not allowed to transport their own exhibits to state fair unless granted special permission by the Agent.
5. Exhibitors of large, heavy, and fragile exhibits will be instructed by Superintendents to make special arrangements to transport those items themselves.
6. Contest participants should pick up a letter of instructions at the 4-H Exhibit Hall. Confirm your participation with the county superintendent. You will need to schedule your contest through the 4-H Fair Office immediately. The county will provide a gate pass for state fair contest participants.

Reminder about project level advancement:

The intention of having levels or phases in certain projects is that members make progress and advance in their skills. Most members will advance by one skill level each year. If a member exhibited in a skill level last year and received a blue ribbon they are expected to advance to the next skill level at this year’s fair. Some members move through more than one skill level in a year. Their exhibits should be placed in the appropriate class by skill, not by years in the project.

We have records of past years' results and may move a project to a different skill level at the superintendent’s discretion.

4-H CLOVERBUDS (ages 5 – 8 as of September 1, 2014)

CLOVERBUDS ACTIVITIES

Members must preregister for these activities using the Contest Scheduling Form. Participation time will be prescheduled.

340 191 110 C NP  Fashion Revue – Saturday, August 15, member time to be pre-scheduled. All will also participate in the Public Fashion Revue Show on Saturday, August 16, and will receive Cloverbuds participant ribbons.

211 191 110 C NP  Presentations – Thursday, August 20, 3:00-6:00 pm, member time to be pre-scheduled. Member will be limited to 5 minutes of set-up time and a 2 minute presentation on the subject of their choice.

222 191 110 C NP  Performing Arts – For more information, view the Performing Arts section on page 26.
OPEN TO ALL 4-H MEMBERS
Ages 9 – 18
(as of September 1, 2014)

EDUCATIONAL DISPLAYS

Members may enter TWO exhibits in each class. Only ONE will be eligible for exhibit at State Fair.

These classes are open to all 4-H members and are especially appropriate for those projects which have no separate exhibit classes or are locally developed projects. (Note: Educational displays about any aspect of conservation or honeybees should be entered in these classes. Educational displays about science should be entered in the Science Investigation Display classes.

The exhibit may be a poster or three-dimensional display. Posters are limited in size to 30” by 24”. Individual three-dimensional displays are limited in size to 48” wide (measured when lying flat), 24” deep and 36” high. Club exhibits are limited in size to 60” wide, 24” deep and 36” high. The weight of the display cannot exceed 30 pounds. Exceptions may be made in the size of County Only Displays, but it MUST be approved by the head superintendent before Saturday, August 15, 2015.

Club exhibits are to be entered under the club name but must include the names of all members and leaders. This may be on a separate paper securely attached to the back of the exhibit. Club exhibits will receive one ribbon per exhibit.

Each piece of an exhibit must have name, county and class number securely attached to it. Single posters may be displayed by hanging or stapling to the wall. All other displays should be free standing. All information contained in the exhibit must be able to be viewed by the public by looking at the display. Sources of information must be listed on the front of the display.

All parts of the display should be attached to one another in some way to keep the exhibit together as a unit. Display (all parts) should be able to last the duration of the fair in good repair.

Each display MUST be accompanied by an explanation for the judge. The explanation must include: 1) The source(s) of information, 2) Why the topic was chosen, 3) What the viewer should know or learn from the display and 4) If the display was made specifically for a fair exhibit or used for another purpose or occasion. The explanation will not be judged but is required to qualify the display for judging. Displays not meeting the above criteria will not be judged and exhibited.

An Educational Display Exhibit Card (000-01) must be attached to each exhibit. Judging criteria are outlined here and on the 4-H Educational Display Evaluation Sheet (40-463), available from the county Extension office or the state 4-H website at: http://oregon.4h.oregonstate.edu/contest-materials-communications.

The following criteria will be used in evaluating educational displays:

- **SUBJECT AND CONTENT** …………………………………. 50%
  - Educational value (conveys a message or story)
  - Accurate and complete
  - Clear and concise
  - Title
  - Appropriate to target audience

- **ELEMENTS & PRINCIPLES OF DESIGN** ………..30%
  - Use of line, form, color
  - Use of shape, space, texture
  - Good mix of visuals and text
  - Creativity/originality

- **WORKMANSHIP** …………………………………………20%
  - Neatness
  - Appropriate spelling and grammar
  - Professional appearance (handwritten or typed)
  - Craftsmanship

Exhibits may include pictures, models, diagrams and actual articles if they qualify for the safety standards listed below. Drawings or photos which are an essential part of the display should be firmly attached to the board. Loose materials like soil, bark or sand must be displayed in closed containers. Displays must show and explain something the 4-H members have made, done or learned such as how and why wool shrinks, why bread rises, safe use of tools, how bees communicate, or how waves are formed.

No books or notebooks will be accepted as part of the display. The display may include flyers, business cards, information sheets, etc. for public distribution. Enough must be provided to last throughout the entire fair, and should be refreshed for state fair.

The following materials will not be allowed on the display for safety reasons:

- Living organisms – plants or animals or dead parts of plants or animals
- Any liquids
- Aerosol bottles or other pressurized gases
- Glass
- Hazardous substances
- Sharp items

214 100 001 Junior Educational Display
214 100 002 Intermediate Educational Display
214 100 003 Senior Educational Display
214 100 004 Club Educational Display

Barn displays entered in these classes MUST be brought to the 4-H Exhibit Building for judging on **Saturday, August 15**, before displaying in barn. ALL exhibits must meet the requirements. Barn displays must be marked with a "BARN" tag. All champion and selected for State Fair exhibits will NOT be allowed in barns. Barn displays may be taken from the 4-H Exhibit Hall on Monday during judging times by requesting them from the Superintendent.

Due to the high level of participation, the number of exhibits displayed at Fair may be limited.

**HONEYBEE**

**Exhibit may NOT include live bees.**

NOTE: Each exhibit piece must be labeled with the member’s name, county and class number. Club exhibits are to be entered under the club name but must include the names of all members and leaders. This may be on a separate paper securely attached to the back of the exhibit. Club exhibits will receive one ribbon per exhibit.
Fill in the blank in class numbers below (__) with one of the following numbers:

1. Junior
2. Intermediate
3. Senior
4. Club

821 200 00(____) Honeybee Educational Display, an educational exhibit relating to honeybees, honeybeekeeping, honeybee products or honeybee information. Exhibit size may not exceed 30” in width, 24” deep (front to back) and 36” high. It may not include live bees. Include an explanation to the judge as outlined under Education Display.

Judging criteria are outlined on the 4-H Educational Poster/Display Score Sheet (40-463) available at the county Extension office or on the state 4-H website at http://oregon.4h.oregonstate.edu/contest-materials-communications.

SCIENCE

The purpose of this type of exhibit is for members to communicate the processes and outcomes of a scientific investigation they design and conduct themselves. The display must include:

1. A question or hypothesis
2. An investigative procedure (What was done?)
3. The data collection or observation method (How was it collected/observed?)
4. A report of the data collected or observations made
5. An analysis of the data collected or observations made (How do you interpret the data and evidence?)
6. A conclusion addressing the original question or hypothesis (Does the evidence support or refute your claim?)

Intermediate and Senior Exhibits must include a data chart and graph or other visual representation of the data.

Follow Educational Display requirements for size and shape restrictions, labeling instructions, and prohibited items.

Club exhibits are to be entered under the club name, but must include the names of all members and leaders. This may be on a separate paper securely attached to the back of the exhibit. Club exhibit will receive one ribbon per exhibit.

Display (all parts) should be able to last the duration of the fair in good repair. An Educational Display Exhibit Card (000-01) must be attached to each exhibit. Judging criteria are outlined on the 4-H Science Investigation Display Evaluation Sheet (840-100). Both are available at http://oregon.4h.oregonstate.edu/contest-materials-science-engineering-technology.

The following criteria will be used in evaluating science displays:

INCLUDES CLASS DISPLAY REQUIREMENTS…….60%

1. A question or hypothesis
2. An investigative procedure
3. A data collection or observations method is described (How was it collected/observed?)
4. A report of the data collected or observations made
5. An analysis of the data collected or observations made

6. A conclusion addressing the original question or hypothesis

Intermediate and Seniors Exhibits

- Must include a data chart and a graph or other visual representation of the data
- Cites reliable sources of information. 2 – 3 citations, with proper citation format and information.
- Accurate and complete
- Clear and concise

ELEMENTS & PRINCIPLES OF DESIGN .......... 20%

Eye-catching and attractive
Shows originality
Easy to read
Good mix of visuals and text

WORKMANSHIP .......................................................20%

Neatness
Correct spelling and grammar
Professional appearance – neatly handwritten or typed
Craftsmanship

840 100 001 Junior Science Investigation Display
840 100 002 Intermediate Science Investigation Display
840 100 003 Senior Science Investigation Display
840 100 004 Club Science Investigation Display

RECYCLE REUSE

Any useful or decorative item made primarily from re-purposed recyclable items. Projects MUST focus on the transformation of old or discarded items into a new form or purpose. The Recycle/Reuse Explanation card must be attached and is available at http://extension.oregonstate.edu/cla bekamas/4h/hearth.

330 100 111 C NP Junior
330 100 112 C NP Intermediate
330 100 113 C NP Senior

CONSERVATION

Each exhibit piece must be labeled with member’s name, county and class number. Fill in blank in class number (__) with corresponding number for Junior, Intermediate, Senior or Club.

411 200 011 Conservation, Junior First Year Member, an educational exhibit relating to conservation of soil, water, forests, marine life, range, amphibians, or wildlife.

1. Junior, Second and Third year
2. Intermediate
3. Senior
4. Club (two or more members working together)

411 200 02(____) Conservation, an educational exhibit relating to conservation of soils and range.
411 200 03(____) Conservation, an educational exhibit relating to conservation of water and marine life.
411 200 04(____) Conservation, an educational exhibit relating to conservation of forest and wildlife
411 200 05(____) Conservation, an educational exhibit relating to conservation and ecology of amphibians.
Exhibit: an educational exhibit relating to conservation of soil, water, forests, marine life, range or wildlife. May not exceed 30” in width, 24” in depth (front to back) and 36” high. Include explanation to the judge as outlined under Educational Display in fair book.

Judging criteria are outlined on 4-H Educational Poster/Display Check Sheet (40-463) available at the county Extension office or online or on a CD or thumb/travel drive. Website exhibits must be viewable software are acceptable. Youth must make sure clear directions working with photographs, etc.

club newsletters, creating a website, editing a video, drawing landscape scenes, designing buildings, publishing ideas might include: applying existing software programs to a project.

show how their skills have increased while completing the Value is placed on youth that can model the learning process, or exhibits are limited in size to 60” wide, 24” deep and 36” high. Include materials-science-engineering-technology. These provide valuable information to youth on their project displays.

In some cases, the exhibit may be a poster or a three-dimensional display. Individual exhibits are limited in size to 30” wide, 24” deep (front to back), and 36” high. Club exhibits are limited in size to 60” wide, 24” deep and 36” high. Posters must not exceed 22”x28”.

A print version of the program must be submitted unless otherwise noted in the class description below. Youth are responsible for submitting clear directions on how judges can access the files, read code and start programs. You may include a CD or thumb/travel drive as part of your exhibit. If you do so, all files must be compatible with use on a PC.

Value is placed on youth that can model the learning process, or show how their skills have increased while completing the project.

The youth exhibitor should identify a problem to solve or create a work application involving technology. Possible ideas might include: applying existing software programs to a 4-H project area, composing music, developing a game, drawing landscape scenes, designing buildings, publishing club newsletters, creating a website, editing a video, working with photographs, etc.

Online projects using Google applications or other Web 2.0 software are acceptable. Youth must make sure clear directions are given in the project explanation so the judges can find and access the project online. Website exhibits must be viewable online or on a CD or thumb/travel drive.

Note: Fill in the blank in class numbers below (__) with one of the following numbers:

11. Junior, First year in this project area
21. Other Junior
12. Intermediate, First year in this project area
22. Other Intermediate
13. Senior, First year in this project area
23. Other Senior
34. Club Exhibit

861 101 1(__) Computer Software Application, Word Processing – Projects created by youth that show learning in the area of word processing. Project should be an original creation by the participant that shows their word processing skills. See additional Exhibit requirements above, for Technology classes. Evaluation: Use Computer Software Application Evaluation available at: http://oregon.4h.oregonstate.edu/contest-materials-science-engineering-technology.

861 101 1(__) Computer Software Application, Excel/Spreadsheet – Projects created by youth that show learning in the area of spreadsheet design and usage. Project should be an original creation by the participant that shows their spreadsheet skills. Intermediate and senior members are expected to have some formula usage in their project. See additional exhibit requirements, above, for Technology classes. Evaluation: Use Computer Software Application Evaluation available at: http://oregon.4h.oregonstate.edu/contest-materials-science-engineering-technology.

861 102 1(__) Computer Software Application, Presentation Software – Projects created by youth to show learning in the area of presentation design skills. Software can be any current presentation software including online versions like Google applications or voicethread.com. Project should be created by the participant to show their presentation design skills. Youth can also submit video clips of how the presentation was used. (For example: A video clip of the youth using the presentation in a group activity.) See additional exhibit requirements, above, for Technology classes. Evaluation: Use Computer Software Application Evaluation available at: http://oregon.4h.oregonstate.edu/contest-materials-science-engineering-technology.

861 103 1(__) Computer Software Application, Graphic Design/Digital Imaging – Projects created by youth that show learning in the area of graphic design or digital imaging. Software can be any current presentation software including online versions. Project should be created by the participant to show their graphic design or digital imaging skills. See additional exhibit requirements, above, for Technology classes. Evaluation: Use Computer Software Application Evaluation available at: http://oregon.4h.oregonstate.edu/contest-materials-science-engineering-technology.

861 104 1(__) Computer Software Application, Database Management – Projects created by youth that show learning in the area of database management. Project should be an original creation by the participant that shows their spreadsheet skills. Intermediate and Senior members are expected to apply their projects to real world scenarios. Youth are responsible for submitting clear directions on how judges can access the files. See additional exhibit requirements, above, for Technology classes. Evaluation: Use Computer Software Application Evaluation available at: http://oregon.4h.oregonstate.edu/contest-materials-science-engineering-technology.

861 105 1(__) Computer Software Application, Multimedia Projects – Projects created by youth that show learning in the area of Multimedia Projects. Software can be any current software including online versions. Project should be created by the participant to show their multimedia skills. In general, multimedia includes a combination of text, audio, still images,
Videography classes are open to all 4-H members and/or teams in all project areas. Members and/or teams may enter one exhibit per class.

Suitable topics include project and non-project related subject matter. All portions of the video and sound must support the 4-H code of behavior. [Public display of the video will be at the discretion of 4-H management.] Audio or video parts not actually recorded by the member(s) must be from the public domain or not infringe on copyright and must be given credit at the end of the movie.

Videos must be between 30 seconds and 10 minutes in length, not including the entry information and credit roll at the beginning or end.

All exhibits must be accompanied by a Videography Exhibit Explanation Card. Judging criteria are outlined on the Videography Score Sheet. Both are available from the county Extension Office or state 4-H website at http://oregon.4h.oregonstate.edu/contest-materials-science-engineering-technology.

To be eligible for judging, videos must be presented in a format viewable on any computer or uploaded to the website. Options and instructions are available from the county Extension Office or the state 4-H website at http://oregon.4h.oregonstate.edu/communications-projects.

Fill in blank in class number (_) with corresponding number for Junior, Intermediate, Senior or Club/Team

1. Junior
2. Intermediate
3. Senior
4. Club/Team

213 100 00(_) Promotional (advertisements, public service announcements, other promotional pieces)
213 200 00(_) Documentary (oral history, travel log and other documentary pieces)
213 300 00(_) Educational (would include “how to” or informational pieces)
213 400 00(_) Performance (emphasize capturing a performance – not the quality of the performance itself)
213 500 00(_) Animation

PRESENTATIONS

These guidelines are to be used for Presentations in all project areas.

Members may give three presentations plus one Learn and Earn. They are limited to one presentation per class and must use a different subject for each presentation.

Judging criteria are outlined in the Oregon 4-H Presentation Evaluation Sheet, Demonstrations and Illustrated Talks (211-001); Public Speaking (211-002) and Impromptu Speaking (211-003) available at the county Extension office or on the State website at http://oregon.4h.oregonstate.edu/contest-materials-contests.

General Information
1. 4-H Presentation divisions include demonstrations, illustrated talks, public speeches, and impromptu speeches.
2. Members will be expected to use a microphone.
3. All contestants will be interviewed by the judge at the conclusion of their presentation.

Demonstrations and Illustrated Talks
A demonstration shows how to do something. There is a finished product at the end. An illustrated talk is a way to share information with the use of visual aids.

1. Topic may be anything the member wants to share with others.
2. A member may not present the same topic more than once at the State Fair.
3. Teams will consist of two members. If members of a team are in two different age classifications, the team will be entered in the higher class. However, both must be intermediates or seniors in order to be eligible for State Fair.
4. Each Intermediate and Senior team or individual will have time to set up, present and clear the area. The actual presentation should be between 10 and 15 minutes in length.
5. 4-H members must furnish all supplies and equipment required, except table, easel, and microphone. If other equipment is needed, please contact the extension office prior to Fair. A computer and projector can be available with prior notice.
6. The use of notes is permitted. However, the excessive use of notes may be counted against the contestant at
the judge’s discretion.
7. During the presentation, contestants should introduce
themselves by name, county and topic.
8. Contestants should cite their major references at the
conclusion of their presentation.
9. Anyone may ask questions of the contestant.

211 600 011 C  Demonstration, Individual, Junior
211 600 012  Demonstration, Individual, Intermediate
211 600 013  Demonstration, Individual, Senior
211 600 021 C  Demonstration, Team, Junior
211 600 022  Demonstration, Team Intermediate
211 600 023  Demonstration, Team, Senior
211 601 011 C  Illustrated Talk, Individual, Junior
211 601 012  Illustrated Talk, Individual, Intermediate
211 601 013  Illustrated Talk, Individual, Senior
211 601 021 C  Illustrated Talk, Team, Junior
211 601 022  Illustrated Talk, Team, Intermediate
211 601 023  Illustrated Talk, Team, Senior

Public Speeches
A public speech can be informational or persuasive. No visual aids
may be used.
1. Topic may be anything the member wants to share with
others.
2. A member may not present the same topic more than once
at State Fair
3. Speeches should be between 7 and 10 minutes in length.
4. A microphone, table and easel will be provided.
5. The use of notes is permitted. However, the excessive use
of notes may be counted against the contestant at the
judge’s discretion.
6. During the presentation, contestants should introduce
themselves by name, county and topic.
7. Contestants should cite their major references at the
conclusion of their presentation.
8. Anyone may ask questions of the contestant.

211 602 011 C  Public Speaking, Junior
211 602 012  Public Speaking, Intermediate
211 602 013  Public Speaking, Senior

Impromptu Speaking
The presenter must compose and deliver a speech with no prior
preparation. No visual aids may be used.
1. Contestants will draw topics at random.
2. Once contestants draw a topic, they will have 5 minutes to
prepare before they begin their speech. The contestant
may write notes on one 3x5 inch note card.
3. The speech should be 3 to 5 minutes in length.
4. During the speech, contestants should introduce
themselves by name, county and topic.
5. A microphone, table and easel will be provided.
6. No questions may be asked at the conclusion of the
speech.

211 603 011 C  Impromptu Speaking, Junior
211 603 012  Impromptu Speaking, Intermediate
211 603 013  Impromptu Speaking, Senior
NOTE: Each exhibit piece must be labeled with member’s name, county and class number. All insects must be collected in the current year for Juniors First Year exhibits. At least 50% of those displayed by Juniors, second and third year, Intermediates and Seniors must have been collected in the current year.

An insect information sheet, titled Information on New Insects in Collection for Current 4-H Project Year, is required with Intermediate and Senior insect collections. This sheet should be completed only for the new insects collected in the current project year. Make additional copies of page 2 as needed to list the new insects in the current year. The form is available online at http://oregon.4h.oregonstate.edu/contest-materials-natural-science. Attach the completed sheets to the bottom of the collection box in an unsealed envelope for the judge to read at fair.

Judging will be based on condition of specimens, mounting, labeling, attractiveness, correct number of specimens, correct identification and educational value of exhibit. Additional information is found in the Entomology Project Manual (4H32221L July 1995). Judging criteria are outlined on the Entomology Exhibit Score Card (40-605), available at the county Extension Office or on the State 4-H website at: http://oregon.4h.oregonstate.edu/contest-materials-natural-science.

Some of the orders have changed in Entomology by combining old orders or making new ones. Be sure to use the current order names for the insects. Check with the Extension office or go to the State 4-H website at: http://oregon.4h.oregonstate.edu/contest-materials-natural-science. See the link to “UPDATE” under the heading “First Year,” next to the 4-H Entomology Manual (4H3221) for the updated “Insect Orders, Meanings, Common Names.”

Recommended Reference for entomology orders for labels of specimens, Borror and Delong’s Introduction to the Study of Insects, 7th Edition written by Charles A. Triplehorn and Norman F. Johnson. In the event of a discrepancy, this reference will be considered the correct information source.

821 100 011 Entomology, Junior First Year, 10 insects, at least 8 orders.
821 100 021 Entomology, Junior, second and third year, 15 to 20 insects, at least 10 orders.
821 100 012 Entomology, Intermediate First Year, 16 – 30 insects, at least 12 orders.
821 100 022 Entomology, Intermediate, second and third year, 36 insects, at least 12 orders.
821 100 013 Entomology, Senior First Year, 26 – 40 insects, at least 15 orders.
BEE KEEPING

COUNTY ONLY

Fill in blank in class number (_) with corresponding number for Junior, Intermediate or Senior.

1. Junior
2. Intermediate
3. Senior

822 700 00(_) C Beekeeping – Creamed Honey
822 710 00(_) C Beekeeping – Frame of Honey
822 720 00(_) C Beekeeping – Jar of Extracted Honey
822 730 00(_) C Beekeeping – Bee By-Products
822 740 00(_) C Beekeeping – Bee By-Products (other)

For displays, see the Honeybee section in OPEN TO ALL 4-H MEMBERS section.

FORESTRY

Junior, Intermediate and Senior members may make one or more exhibits, one mounted as a forestry specimen and one in each qualified Advanced Forestry exhibit class. Please refer to "4-H Forestry Exhibit Requirements and Classes" (4-H 33121).

Note: Each exhibit piece must be labeled with the member’s name, county and class number. For members who have previously been in 4-H Forestry, exhibit all their mounts, but only the 5 new ones will be judged. If you want to redo mounts to meet the new requirements, you may do so.

Some of the Family names have changed, especially the flowering trees, shrubs and wildflowers as below:

Current Family Name on Approved Species List | Change to: according to the Plants of the Pacific Northwest Coast Book
---|---
Pea Family (Leguminosae) | Pea Family (Fabaceae)
Sunflower Family (Compositae) | Aster Family (Asteraceae)

None of the other families have changed.

MOUNTED FORESTRY SPECIMENS

Tree and shrub specimens exhibited must be listed on the official forestry specimens list available in "4-H Forestry Exhibit Requirements and Classes", (4-H 33121). Intermediate and Senior members must use the Specimen Collection Site Analysis Sheet, for each specimen collected. Seniors exhibiting wild flowers and ferns use the "Other Reference Texts" list.

JUNIOR DIVISION

441 100 011 Forestry, Junior First Year, index, 5 mounts, all must be trees.
441 100 021 Forestry, Junior Second & Third Year, index, 10-15 mounts must be trees. Only the index and 5 new mounts will be judged.

INTERMEDIATE AND SENIOR DIVISIONS

The number of mounts may vary depending on the number of years in the project. All mounts should be exhibited. The new mounts should be placed in front of the old mounts in the book. Only the index and 5 new mounts with site analysis sheets will be judged. Intermediate new mounts may include trees and shrubs. Senior new mounts may include trees, shrubs, ferns and wildflowers.

ADVANCED FORESTRY EXHIBITS

These classes are open to all forestry members. Members may exhibit in one topic or make one exhibit by combining topics. Junior and Intermediate members exhibit 10 or more specimens; Senior members exhibit 15 or more specimens. All must have been collected in the current 4-H year. Exhibit may be flat board or 3-dimensional. Three-dimensional display size maximum is 30” in length, 24” deep (front to back) and 36” high. The flat board maximum size is 22” by 28”. Refer to guidelines in the "4-H Forestry Exhibit Requirements" (1998) for specific advanced forestry exhibit details.

Project Displays are scored using the Educational Display Check Sheet (40-463), available at the county Extension office or on the State website at: http://oregon.4h.oregonstate.edu/contest-materials-communications. Include explanation to the judge as outlined under Educational Display in the fair book.

441 200 511 Junior First Year Forestry Member, advanced exhibit. Topic includes cones, tree seeds, conks, damage spec bark, wood mounts, lumber mounts or other Project displays.

Fill in blank in class number (_) with corresponding number for Junior, Intermediate or Senior. One exhibit per class number.

1. Junior
2. Intermediate
3. Senior

441 200 52(_) Advanced Forestry Exhibit, using one or combining the topics of cones, seeds and bark.
441 200 53(_) Advanced Forestry exhibit, using one or combining the topics of conks, and damage specimens.
441 200 54(_) Advanced Forestry exhibit, using one or combining the topics of wood mounts and lumber mounts.
441 200 55(_) Advanced Forestry Exhibit, project display (i.e., management plans, tree farm maps, model camp sites, career opportunities, forestry concept or use your imagination to create your own display).

GEOLOGY

At least 50% of the specimens must have been found by the exhibitor and at least five of the specimens collected during the current 4-H year. Put an asterisk on the label in front of the name of each specimen collected during the current 4-H year. The asterisk helps the judge determine if your display meets the criteria. Only the current 4-H year’s specimens should have an asterisk. Polished or cut specimens must be exhibited under Geology Educational Project Display, with the exception of geodes specimens only, which may be cut, but NOT POLISHED as a part of a collection. Judging criteria are outlined on the Geology Exhibit Score Card, (40-625), available at the County Extension office or on the State
website at: http://oregon.4h.oregonstate.edu/contest-materials-natural-science.

A SPECIMEN COLLECTION GEOLOGY SITE ANALYSIS SHEET is required for each specimen in Intermediate and Senior Geology collections. One sheet needs to be filled out for each of the new specimens collected for the current year. It is available online at http://oregon.4h.oregonstate.edu/contest-materials-natural-science.

Each exhibit piece must be labeled with the member’s name, county and class number.

Recommended reference materials for identification of specimens:

421 100 011 Geology, Junior First Year, 10 specimens.
421 100 021 Geology, Junior Second or Third Year, 15 to 20 specimens.
421 100 012 Geology, Intermediate First Year, 15 to 25 specimens.
421 100 022 Geology, Intermediate Second or Third Year, 20 to 35 specimens.
421 100 013 Geology, Senior First Year, 20-40 specimens.
421 100 023 Geology, Senior Second or Third Year, 25-50 specimens.

A Project Display Exhibit relating to Geology could include polished, cut specimens, growing crystals, volcanoes, effects of weathering, geologic formations, time periods, etc. Project Display may not exceed 30” in width, 24” deep, (front to back) and 36” high. Include explanation to the judge as outlined under Educational Display in the fair book.

421 200 011 Geology Project Display, Junior
421 200 012 Geology Project Display, Intermediate
421 200 013 Geology Project Display, Senior
421 200 014 Geology Project Display, Club (two or more members working together)

Scorecard for Geology Project Display Exhibit will be the Educational Display Check Sheet (40-463), available at the county Extension office and on the State website at: http://oregon.4h.oregonstate.edu/contest-materials-communications.

451 200 034 Outdoor Science, Club

Judging criteria are outlined on 4-H Educational Display Check Sheet (40-463), available at the county Extension office and on the State website at:
http://oregon.4h.oregonstate.edu/contest-materials-communications.

AQUATIC ECOLOGY AND SPORTS FISHING

FISHING RODS
Based on the type of rod, the necessary components include rod blank, butt cap/extension, handle/grip, reel seat, hook keeper, butt/stripping guide, appropriate number of line guides for length, guide wraps, ferrules, and tip top. Fishing rods must be constructed by the member and may not exceed 108” in length. The rods must be displayed on a board no thicker than 1 inch, no wider than 8 inches, no longer than 120” (1” x 8” x 120” maximum). All necessary components must be labeled. Permanent or removable labels may be used.

The entries must be accompanied by a 4-H Aquatic Ecology & Angler Education Explanation card (451-07, revised 2014) available on the state 4-H website at http://oregon.4h.oregonstate.edu/contest-materials-natural-science.

Judging criteria are outlined on a Fishing Rods Score Sheet (451-06, revised 2014) available at the Extension office or on the State website at http://oregon.4h.oregonstate.edu/contest-materials-natural-science.

451 200 101 Spinning Rod, Junior, one piece
451 200 102 Spinning Rod, Intermediate, two piece
451 200 103 Spinning Rod, Senior, three or four piece
451 200 111 Bait Casting Rod, Junior, one piece
451 200 112 Bait Casting Rod, Intermediate, two piece
451 200 113 Bait Casting Rod, Senior, three or four piece
451 200 121 Fly Rod, Junior, one piece
451 200 122 Fly Rod, Intermediate, two piece
451 200 123 Fly Rod, Senior, three or four piece

FLIES
Flies are defined as wet and dry. Dry flies are patterns used above the waterline or in the surface film (e.g. adult insects, terrestrial insects, dry attractors, poppers, mouse, etc.). Wet flies are patterns used below the water line (e.g. nymphs, larvae, streamers, wet attractors, emergers, etc.).

Materials (recipes) used may include but are not limited to:
- Hackle
- Lead wire
- Dubbing
- Hook
- Copper wire
- Flash
- Quill
- Floss
- Chenille
- Thread
- Hair

Entries may include but are not limited to:
- Low Difficulty: Wooly Worm, Wooly Bugger, Hare’s Ear, Scud, Caddis Pupa, Girdle Bug
• **Moderate Difficulty:** Mickey Finn, Elk Hair Caddis, Bead Head Pheasant Tail, Parachute Adams

• **High Difficulty:** Royal Coachman, Grass Hopper, Stone Fly, Blue Winged Olive, Green Drake.

Flies must be labeled with name and displayed on an 8.5” x 11” matte board.

The entries must be accompanied by a 4-H Aquatic Ecology & Angler Education Explanation Card (451-07, revised 2014) available at the Extension office or on the state 4-H website at http://oregon.4h.oregonstate.edu/contest-materials-natural-science.

Judging criteria are outlined on a Flies Score Sheet (451-04, revised 2014) available at the Extension office or on the state 4-H website at http://oregon.4h.oregonstate.edu/contest-materials-natural-science.

451 200 131  **Flies, Junior** – 2 total (1 wet and 1 dry) use recipes requiring #4-6 hook.

451 200 132  **Flies, Intermediate** – 4 total (2 wet and 2 dry) use recipes requiring #6-8 hook.

451 200 133  **Flies, Senior** – 6 total (2 wet, 2 dry, and 2 using body dubbing) use recipes requiring #8-14 hook, 2 using body dubbing and recipes requiring #12-14 hook.

**LURES**

Lures are defined as Spoons, Spinners, Rooster Tails, Jigs, Plugs, and Spinner Baits. Materials used may include but are not limited to the following:

- **Spoons:** metal body, split ring, hook, weed guard, thin spoon, heavy spoon, thick solid and spinner blades.
- **Spinners:** hook, body, beads, clevis, blade, plastic minnow, spinner used with bait.
- **Rooster Tails:** hook, blade, beads, feather skirt, hair skirt, rubber skirt, body, clevis, Colorado blade, willow blade.
- **Jig:** eye, assorted jig lead head, hook, feathered skirt, fur skirt, hair skirt, rubber skirt.
- **Plugs:** metal lip, hook hanger, eye, body, hooks, propellers, joined plug, plug lip.
- **Spinner Bait:** fluted blade, hook, Colorado blade, clevis, arm, body, skirt, eye, twin arms and blades.

Lures should be displayed on an 8.5”x11” matte board.

The entries must be accompanied by a 4-H Aquatic Ecology & Angler Education Explanation Card (451-07, revised 2014) available at the Extension office or on the state 4-H website at http://oregon.4h.oregonstate.edu/contest-materials-natural-science.

Judging criteria are outlined on a Lures Score Sheet (451-05, revised 2014) available at the Extension office or on the state 4-H website at http://oregon.4h.oregonstate.edu/contest-materials-natural-science.

451 200 141  **Lures, Junior**, 1 Spoon plus 1 additional choice.

451 200 142  **Lures Intermediate**, 1 Spoon, 1 Spinner, and 2 additional choices.

451 200 143  **Lures Senior**, 1 Spoon, 1 Spinner, 1 Rooster Tail and 3 additional choices.

**COMMON KNOTS**

Knots are defined as those needed to secure line from a reel to terminal tackle. They are limited to:

- Arbor Knot
- Blood Knot
- Dropper Loop
- Clinch or Improved Clinch Knot
- Nail Knot
- Palomar Knot
- Perfection Loop
- Rapala Knot
- Snell Knot
- Double Surgeon’s
- Surgeon’s Loop
- Trilene Knot
- Uni-Knot

Each knot must be represented in two mediums. One (large scale) knot must be tied using white cordage no smaller than 1/8” and no larger than 1/4” in diameter. The (normal scale) second knot is to be tied to a barbless hook using the appropriate material as it would be used in fishing (monofilament, Dacron backing, fly line, etc.) Knots must be labeled with name and displayed on an 8.5” x 11” black matte board.

The entries must be accompanied by a 4-H Aquatic Ecology & Angler Education Explanation Card (451-07, revised 2014) available at the Extension office or on the state 4-H website at http://oregon.4h.oregonstate.edu/contest-materials-natural-science.

Judging criteria are outlined on a Common Knots Score Sheet (451-02, revised 2014) available at the Extension office or on the state 4-H website at http://oregon.4h.oregonstate.edu/contest-materials-natural-science.

451 200 151  **Common Knots, Junior** – any 5 knots (each knot represented in large and normal scale).

451 200 152  **Common Knots, Intermediate** – any 7 knots (each knot represented in large and normal scale).

451 200 153  **Common Knots, Senior** – any 9 knots (each knot represented in large and normal scale).

**AQUATIC MACRO-INVERTEBRATE SPECIMENS**

Macro-invertebrates, regardless of developmental stage, serve as an energy source in fresh water (lakes, ponds, streams, rivers) fisheries. They include but are not limited to: eggs, larvae, nymphs, scuds, leeches, stoneflies, caddis flies, mosquitoes, dragonflies, hellgrammites, etc.

Specimen photos or drawings of specimens may be displayed in a three ring binder. Photos and drawings must be the original work of the exhibitor. Preserved specimens are to be displayed in specimen jars in display boxes.

Each specimen, including photos or drawings requires a label be affixed to the display box or page for easy reading. Labels (3/4” x 1 1/2”) on preserved specimens, photos, or drawings are to include the name of the collector, date collected/photographed/drawn, order name, common name, name of body of water from which specimen was found, county and state.

Label Example:

<table>
<thead>
<tr>
<th>Collector/Date:</th>
<th>J. Smith 01/01/01</th>
</tr>
</thead>
<tbody>
<tr>
<td>Order Name:</td>
<td>Ephemeroptera</td>
</tr>
<tr>
<td>Common Name/State:</td>
<td>Mayfly Adult or Nymph</td>
</tr>
<tr>
<td>Body of Water:</td>
<td>Lost Lake</td>
</tr>
<tr>
<td>County/State:</td>
<td>Hood River, OR</td>
</tr>
</tbody>
</table>

Phases are based on the number of specimens exhibited. Each collection is progressive. Exhibitors are expected to add 5 new preserved specimens, photographs, or drawings to
their exhibit each year, in addition to those exhibited the previous year.

Exhibitors are not able to combine preserved specimens, photographs, or drawings as a single exhibit. The entries must be accompanied by a 4-H Aquatic Ecology & Angler Education Explanation Card (451-07, revised 2014) available from the Extension office, or state 4-H website at http://oregon.4h.oregonstate.edu/contest-materials-natural-science.

Judging criteria are outlined on an Aquatic Macro-invertebrates Score Sheet (451-01, revised 2014) available at the Extension office or on the State 4-H website at http://oregon.4h.oregonstate.edu/contest-materials-natural-science.

Phase 1: Members display 10 – 20 specimens
451 100 181 Preserved specimens displayed in specimen jars in display boxes.
451 200 181 Photographs of specimens displayed in a notebook.
451 300 181 Original Drawings of specimens displayed in a notebook.

Phase 2: Members display 21 – 35 specimens
451 100 182 Preserved specimens displayed in specimen jars in display boxes.
451 200 182 Photographs of specimens displayed in a notebook.
451 300 182 Original Drawings of specimens displayed in a notebook.

Phase 3: Members display 36 – 50 specimens
451 100 183 Preserved specimens displayed in specimen jars in display boxes.
451 200 183 Photographs of specimens displayed in a notebook.
451 300 183 Original Drawings of specimens displayed in a notebook.

FISH PRINTS
Prints can be made using real fish or fish models. Prints can be made using, but not limited to watercolor, tempera, acrylic, oil, and ink. Prints can be on fabric or paper or in combination and mounted on or in a frame not to exceed 22” x 28”. One print must be labeled with the common name, scientific name, and anatomy. Labels may be permanent or removable.

Exhibitors are to make fish prints using real or model fish. Non-fish images are not acceptable. The entries must be accompanied by a 4-H Aquatic Ecology & Angler Education Explanation Card (451-07, revised 2014) available from the Extension office, or on the State 4-H website at http://oregon.4h.oregonstate.edu/contest-materials-natural-science.

Judging criteria are outlined on a Fish Prints Score Sheet (451-03, revised 2014) available at the County Extension office or on the State 4-H website at http://oregon.4h.oregonstate.edu/contest-materials-natural-science.

451 200 161 Fish Prints, Junior, 1 print
451 200 162 Fish Prints, Intermediate, 2 prints.
451 200 163 Fish Prints, Senior, 3 prints.

PROJECT DISPLAY
The exhibit may be a poster or a three-dimensional display. Exhibits may include pictures, models, diagrams, and actual articles if they qualify for the safety standards listed below.

Drawings or photos which are an essential part of the display should be firmly attached to the board. Loose materials like soil, bark, or sand must be displayed in closed containers. No books or notebooks will be accepted as part of the display. The following materials will not be allowed on the display for safety reasons:
- Living organisms – plants or animals
- Liquids
- Aerosol bottles, or other pressurized gasses
- Glass
- Hazardous substances
- Sharp items.

Each exhibit must have name, county, and class number securely attached to it. All parts of the display should be attached to one another in some way to keep the exhibit together as a unit. Single posters may be displayed by hanging or stapling to the wall. All other displays should be free standing. All information contained in the exhibit must be able to be viewed by the public by looking at the display. Sources must be listed on the front of the display.

Display (all parts) should be able to last the duration of the fair in good repair.

Individual posters are limited in size to 24” x 30”. Individual three-dimensional displays are limited in size to 48” wide (measured when lying flat), 24” deep (front to back), and 36” high.

Club exhibits are to be entered under the club name, but must include the names of all members and leaders. This may be on a separate paper securely attached to the back of the exhibit. Club exhibits are limited in size to 60” wide, 24” deep, and 36” high. The weight of any display cannot exceed 30 pounds. Clubs will receive one ribbon per exhibit.

An Educational Display Exhibit Explanation Card (000-01) must be attached to each exhibit. It is available from the Extension office or state 4-H website at http://oregon.4h.oregonstate.edu/fair-book-communications.

Judging criteria are outlined on the 4-H Education Display Evaluation Sheet (40-463). It is available from the Extension office or state 4-H website at http://oregonstate.4h.oregonstate.edu/fair-book-communications.

451 200 171 Aquatic Ecology & Angler Education Project Display, Junior
451 200 172 Aquatic Ecology & Angler Education Project Display, Intermediate
451 200 173 Aquatic Ecology & Angler Education Project Display, Senior
451 200 174 Aquatic Ecology & Angler Education Project Display, Club

MARINE SCIENCE
Each exhibit piece must be labeled with the member’s name, county and class number. Attach an Educational Poster/Display Exhibit Explanation Card (000-01) to the exhibit, available at the county Extension office or on the State 4-H website at http://oregon.4h.oregonstate.edu/contest-materials-communications.

A project exhibit relating to the marine environment. May be either salt water or fresh water. May not exceed 30” in width, 24” deep (front to back) and 36” high. Include explanation to the judge as outlined under Educational Display in the fair book.
Judging criteria are outlined on the 4-H Educational Display Check Sheet (40-463), available at the county Extension office or on the State 4-H website at: http://oregon.4h.oregonstate.edu/contest-materials-science-engineering-technology.

| 423 200 011 | Marine Science, Junior First Year |
| 423 200 021 | Marine Science, Junior Second and Third year |
| 423 200 012 | Marine Science, Intermediate First Year |
| 423 200 022 | Marine Science, Intermediate Second and Third year |
| 423 200 013 | Marine Science, Senior First Year |
| 423 200 023 | Marine Science, Senior Second and Third year |
| 423 200 034 | Marine Science, Club (two or more members working together) |

**SCIENCE, ENGINEERING, AND TECHNOLOGY PROJECTS**

Each exhibit piece must be labeled with the member’s name, county, and class number. Each exhibit must include the appropriate Project Description form filled out neatly and securely attached to the exhibit. 4-H Project Description sheets are posted at http://oregon.4h.oregonstate.edu/contest-materials-science-engineering-technology. Participant should answer the description page carefully and in full sentences.

If more than one article is contained in the exhibit then each article must be labeled with the member’s name, county and class number and attached to each other. The one exception to this is the Rocketry Engineering Journal, which must be included with the Rocket display, but is not required to be attached to it. This may be done with masking tape/index card with a marker or writing directly on the back with a marker. Judging Evaluations can be found at http://oregon.4h.oregonstate.edu/contest-materials-science-engineering-technology. These provide valuable information to youth on their project displays.

In some cases, the exhibit may be a poster or a three-dimensional display. Individual exhibits are limited in size to 30” wide, 24” deep (front to back), and 36” high. Club exhibits are limited in size to 60” wide, 24” deep and 26” high. Posters must not exceed 22” x 28”.

**AEROSPACE PROJECT**

**Stage 2, Lift-off (Stage 1 is for Grades 1 – 3)**

851 100 010 **Rocketry** – An exhibit of a rocket made by the member from the Aerospace Adventures Stage 2 project kits and a Rocketry Engineering Journal. Rockets displayed in this class may only be made from the Estes Gnome™, Wizard™, or Mosquito™ rocket kits. Rockets included in a static display MUST be shown without engines or igniters. All the parts of the rocket and their function should be identified. Rocket components which must be included and labeled are body tube, nose cone, engine hook, fins, recovery system (parachute), launch lug, engine mount, and shock cord. On the display, list any items required to launch the rocket and their function such as the launch system, igniters and recovery wadding. List the appropriate engine size(s) for your rocket and your level of experience. The exhibit will be judged on neatness of labels and workmanship. See additional exhibit requirements, above, for Technology classes. Evaluation: Use Aerospace – Rocketry Evaluation available at:

http://oregon.4h.oregonstate.edu/contest-materials-science-engineering-technology.

**Stage 3, Reaching New Heights**

851 101 010 **Rocketry** – An exhibit of a rocket made by the member from the Aerospace Adventures Stage 3 project kits and a Rocketry Engineering Journal. In Stage 3 the Rocketry Engineering Journal must include a rocket launch and flight report. Rockets displayed in this class may only be made from the Estes Monarch™, Alpha™, or Alpha II™ rocket kits. Rockets included in a static display MUST be shown without engines or igniters. All the parts of the rocket and their function should be identified. Rocket components which must be included and labeled are body tube, nose cone, engine hook, fins, recovery system (parachute), launch lug, engine mount, and shock cord. On the display, list any items required to launch the rocket and their function such as the launch system, igniters and recovery wadding. List the appropriate engine size(s) for your rocket and your level of experience. The exhibit will be judged on neatness of labels and workmanship. See additional exhibit requirements, above, for Technology classes. Evaluation: Use Aerospace-Rocketry Evaluation available at:

http://oregon.4h.oregonstate.edu/contest-materials-science-engineering-technology.

**Stage 4, Pilot in Command**

851 102 010 **Rocketry** – An exhibit of a rocket made by the member from the Aerospace Adventures, Stage 4 project kits and a Rocketry Engineering Journal. In Stage 4, the Rocketry Engineering Journal must include a rocket launch and flight report. Rockets displayed in this class may be made from the Estes Viking™ rocket kit, or other skill level 1 rocket kit where the member designs, constructs and tests the fin configuration. Rockets included in a static display MUST be shown without engines or igniters. All the parts of the rocket and their function should be identified. Rocket components which must be included and labeled are body tube, nose cone, engine hook, fins, recovery system (parachute), launch lug, engine mount, and shock cord. On the display, list any items required to launch the rocket and their function such as the launch system, igniters, and recovery wadding. List the appropriate engine size(s) for your rocket and your level of experience. The exhibit will be judged on neatness of labels and workmanship. See additional exhibit requirements, above, for Technology classes. Evaluation:
GEOSPATIAL SCIENCE PROJECT

Note: Fill in the blank in class numbers below (_,_) with one of the following numbers:

11. Junior, First year in this project area
21. Other Junior
12. Intermediate, First year in this project area
22. Other Intermediate
13. Senior, First year in this project area
23. Other Senior
34. Club Exhibit

860 100 0(_,_) GPS/GIS Exploring Spaces, Going Places – Open ONLY to Juniors, Intermediates, or seniors who are in their first year in this project area. – Using the Level 1 “Take Me on a Tour” activity, create a map showing four to six tour sites, geo-tools used to create the map, positional data for the sites, and information about the selected site. See additional exhibit requirements, above, for Technology classes. Evaluation: Use GPS/GIS mapping Projects Evaluation available at: http://oregon.4h.oregonstate.edu/contest-materials-science-engineering-technology.

860 101 1(_,_) Geospatial Science Project – GPS or GIS Projects. Exhibit may be an exhibit, binder, or presentation on a CD or thumb drive. Computer presentations should follow requirements for similar exhibits found in the Computer Project exhibit classes. Examples of displays include creating a Community Atlas, geography project, or project reports presented to a community meeting. A project entry should contain two or more maps. Maps may be either informational or directional. Maps that are not created by the member(s) may be included but the source of the map must be clearly shown. The exhibit should describe how the member’s project addresses an issue or solves a problem. See additional exhibit requirements, above, for Technology classes. Evaluation: Use GPS/GIS mapping Projects Evaluation available at: http://oregon.4h.oregonstate.edu/contest-materials-science-engineering-technology.

860 101 1(_,_) GPS/GIS, Map – Exhibit will be one map. A map is a single product of data gathering, manipulation and presentation skills. Maps may be either informational or directional. Maps can be computer generated or hand drawn. Multiple maps should be entered as a Geospatial Science Project exhibit. See additional exhibit requirements, above, for Technology classes. Evaluation: Use Map Evaluation available at: http://oregon.4h.oregonstate.edu/contest-materials-science-engineering-technology.

ROBOTICS PROJECT

Note: Fill in the blank in class numbers below (_,__) with one of the following numbers:

11. Junior, First year in this project area
21. Other Junior
12. Intermediate, First year in this project area
22. Other Intermediate
13. Senior, First year in this project area
23. Other Senior
34. Club Exhibit

860 102 2(_,__) Education poster, Robotics Level 2 – An educational poster on any robotics topic youth learned about in Junk Drawer Robotics, Level 2, Robots on the Move, addressing the theme moving, power transfer and locomotion. Display should demonstrate knowledge gained in one of these topics. Posters must not exceed 22” x 28”. Judging criteria are outlined on the 4-H Education Display Check Sheet (40-463) available from the county Extension Office or the state 4-H website at http://oregon.4h.oregonstate.edu/contest-materials-science-engineering-technology.

863 102 1(_,__) Education poster, Robotics Level 1 – An educational poster on any robotics topic youth learned about in Junk Drawer Robotics, Level 1, Give Robots a Hand, addressing the theme robotic arms, hands and grippers. Display should demonstrate knowledge gained in one of these topics. Posters must not exceed 22” x 28”. Judging criteria are outlined on the 4-H Education Display Check Sheet (40-463) available from the county Extension Office or the state 4-H website at http://oregon.4h.oregonstate.edu/contest-materials-science-communications.

863 102 3(_,__) Education poster, Robotics Level 3 – An educational poster on any robotics topic youth learned about in Junk Drawer Robotics, Level 3, Mechatronics, addressing the theme or connection between mechanical and electronic elements. Display should demonstrate knowledge gained in one of these topics. Posters must not exceed 22” x 28”. Judging criteria are outlined on the 4-H Education Display Check Sheet (40-463) available from the county Extension Office or the state 4-H website at http://oregon.4h.oregonstate.edu/contest-materials-communications.

863 103 1(_,__) Robotics / Lego Robotics – Project should involve youth created robots. They can be created from kits or from miscellaneous parts. All robots will be returned after judging, bring a photo of the robot to leave for display. More weight is given for youth designed projects. Robot and full description of what it is meant to accomplish must be submitted. Robots will be judged on structural stability, creativity, and functionality. Youth are responsible for submitting clear directions on how judges can access the files and make the robot function. See additional exhibit requirements, above, for Technology classes. Evaluation: Use Robotic Evaluation available at: http://oregon.4h.oregonstate.edu/contest-materials-communications.

ELECTRICITY PROJECT

Exhibits will be any of the articles included in the project manuals that show skills learned in the project. Items must be labeled with member’s name, county, and class number. To qualify for judging, an Electric Energy Explanation Card must be attached. Forms are available at the county Extension offices and at the state 4-H website:
MECHANICAL SCIENCE

NOTE: You may enter ATV, automotive, bicycles, handyman, small engines, snowmobile, etc., projects in the Educational Display classes found at the beginning of the fair book.

WOODWORKING PROJECT

In each class, the exhibit shall be one article or pair of articles made of wood by the 4-H member. Completed Woodworking Explanation Card (871-02) is required to qualify the exhibit for judging. Judging criteria are outlined on the 4-H Woodworking Exhibit Score Card (40-635), available at the county Extension office or on the State 4-H website at:
http://oregon.4h.oregonstate.edu/contest-materials-science-engineering-technology.

871 100 001 Woodworking, Junior
871 100 002 Woodworking, Intermediate
871 100 003 Woodworking, Senior

TRACTOR PROJECT

In each class the exhibit shall be an educational exhibit which will show or illustrate what the member has learned. Include an explanation telling:

1. How the exhibit was made or what was done in the project
2. Operating instructions (if appropriate)
3. What the member learned by doing the project.

Explanations are required to qualify the exhibit for judging.

881 100 001 Junior
881 100 002 Intermediate
881 100 003 Senior

HORTICULTURE

EXHIBITS WILL NOT BE RELEASED BEFORE 8:00 P.M. ON THE CLOSING DAY OF FAIR. PLAN TO HAVE EXHIBITS PICKED UP AT THIS TIME. All unclaimed exhibits (except for State Fair) will be taken to the Extension office and will be available for pick up on Wednesday after the Fair.

GENERAL RULES

1. Flower and vegetable exhibits must be grown and selected by the 4-H member.
2. Flowers used for flower arrangements may be obtained from various sources.
3. Silk or other man-made flowers in arrangements do not meet requirements for a horticulture exhibitor and should be shown in the Home Environment or Expressive Arts area (if enrolled.)
4. Container grown plants must be in possession of exhibitor at least two months before the County Fair.

5. Cut flowers and perishable vegetable exhibits will not be returned.
6. If the flower or vegetable exhibits for which the member pre-registered are not ready for harvest, please substitute.

HORTICULTURE JUDGING CONTEST
(County Contest Only)

712 700 001 C NP Junior
712 700 002 C NP Intermediate
712 700 003 C NP Senior

FLOWER ARRANGEMENT CONTEST
(County Contest Only)

Open to 4-H Flower Growers and Home Environment members.

Each contestant shall bring his/her own equipment knife or shears, etc. Flower containers, flower arranging foam or frogs will be furnished. Twenty minutes will be allowed.

713 700 001 C NP Flower Arrangement Contest, Junior
713 700 002 C NP Flower Arrangement Contest, Intermediate
713 700 003 C NP Flower Arrangement Contest, Senior

FLOWERS AND ORNAMENTALS

The class and kind of flower must appear on the exhibit tag attached to the exhibit. The number of flowers required for each exhibit can be found in parentheses after each flower type. In an exhibit of three blooms, all blooms must be the same color. Each flower is to have foliage attached or include foliage.

Judging criteria are outlined on the 4-H Cut Flowers Exhibit Score Card (713-01) or on the 4-H Floral Arrangement Exhibit Score Card (713-02) which are at the county Extension office or on the State 4-H website:
http://oregon.4h.oregonstate.edu/contest-materials-horticulture.

Exhibitors can enter only one entry of each of the flowers listed below with the exception of the "Other, Perennial Cut Flowers" and "Other, Annual Cut Flowers". Exhibitors may show all or a portion of their allowed/allotted flower exhibits in either of the other classes. The total number of cut flower exhibits may not exceed 3 for Juniors, 4 for Intermediates, and 5 for Seniors. Each exhibit will receive a ribbon. Containers will be furnished for cut flowers. Arrangement exhibits will be displayed in the container provided by the exhibitor. Exhibitors may use a holding device to secure arrangements.

Asters (3) Blooms
Bachelor Buttons (3) Blooms
Calendulas (3) Blooms
Chrysanthemums (1) Spray
Cosmos (3) Blooms
Dahlia, 3-6” Disbudded (1)
Dahlia under 3” Disbudded (3)
Dahlia, 3-6” Disbudded (1)
Dahlia, 6” and over, Disbudded (1)
Gladiolus (1) Spike
Gloriosa Daisy (3) Blooms
Lilies (1) Stalk
Marigolds, African (1) Bloom
Marigold, French (3) Stems
Nasturtiums, (3) Blooms
Petunia, (3) Stems
Roses, Miniature (1) Spray
Roses, grown in clusters (more than three Blooms) (1) Spray
Definitions:

Bloom - an individual flower, one blossom to a stem.
Spike - a stalk carrying many stemless or nearly stemless flowers.
Spray - a portion of a plant with a number of flowers on it.
Stem - a stem with one or more flowers
Disbudded - removal of the lateral buds along the stem of the flower.

CUT FLOWERS

713 100 011 Junior, exhibitors limited to three separate flower types.
713 100 012 Intermediate, exhibitors limited to four separate flower types.
713 100 013 Senior, exhibitors limited to five separate flower types.

ARRANGEMENTS

Flowers must be grown or purchased by the exhibitor.

713 420 011 Junior, arrangements of fresh flowers in a suitable container.
713 420 012 Intermediate, arrangement of fresh flowers, any choice of design.
713 420 013 Senior, arrangement of fresh flowers, any choice of design.
713 420 023 Senior, arrangement of fresh flowers, with theme - “Fantasies and Fairy Tales”
713 420 033 Senior, Miniature arrangement using dried or fresh materials, no larger than 8" x 8" x 8".

DRIED MATERIALS

Materials may be grown or purchased by the exhibitor.

713 130 041 Junior, arrangement of dried materials.
713 130 042 Intermediate, arrangement of dried materials
713 130 043 Senior, arrangement of dried materials

VEGETABLES

The publication "Oregon 4-H Horticulture Contest Guide: Vegetables", 4-H 2334, should be used by exhibitors as a reference except for the specific numbers of vegetables required for plate and collection exhibits which is listed below. This publication also provides tips for selecting and preparing vegetables for exhibit. Judging criteria are outlined on the 4-H Vegetable Collection Exhibit (712-01) and the 4-H Vegetable Garden Exhibit Score Card (712-02). The Vegetable Exhibit/Collection Explanation Card (712-07) is to be attached to each exhibit. These publications are available at the county Extension office or on the State 4-H website: http://oregon.4h.oregonstate.edu/contest-materials-horticulture. Exhibitors may enter only one exhibit in each class with the exception of "Other".

Plate exhibits will be exhibited on 9" paper plates. Vegetable Collection exhibits must fit on a tray 18 ½" x 14 1/2" x 2 3/4". Paper plates and trays will be provided. Each exhibit will receive a ribbon. Vegetables will not be returned unless specifically requested. Any usable produce will be donated to a food bank.

VEGETABLE EXHIBITS, JUNIOR

4-H members may enter a maximum of 3 plate exhibits, in addition to one vegetable collection.

712 100 011 Plate Exhibit of one type. Limit 3 entries.
712 100 021 Vegetable Collection Exhibit, include 3 different vegetables in same amounts required as in plate exhibits.

VEGETABLE EXHIBITS, INTERMEDIATE

4-H members may enter a maximum of 4 plate exhibits in addition to their choice of a vegetable collection exhibit or poster display.

712 100 012 Plate exhibit of one type. Limit 4 entries.
712 100 022 Vegetable Collection Exhibit, include 4 different vegetables in same amounts required as in plate exhibits.
712 200 032 Poster or display describing results of 4-H member's experimental garden. The display shall not exceed 30" wide x 24" deep x 36" high.

VEGETABLE EXHIBITS, SENIOR

4-H members may enter only one plate exhibit of each vegetable with a maximum of 5 plate total exhibits in addition to their choice of a vegetable collection exhibit, commercial display, or project display.

712 100 013 Plate exhibit of one type. Limit 5 entries.
712 100 023 Vegetable Collection Exhibit, include 5 different vegetables in same amounts required as in plate exhibits.
712 100 033 Commercial Display, include 10 lb. unit of produce with record of cost on commercial garden.
712 200 043 Project Display, describing the experimental design and results of an experiment in commercial gardening. The display shall not to exceed 30" wide x 24" deep x 36" high.

Classes – Number of vegetables required in parentheses
Beans, Snap (Wax, Italian, Green) (5)
Beans, Other (Dry, Limas, Purple) (5)
Beans, Horticultural (5)
Beets (5)
Broccoli (1) Main head or (5) side shoots
Carrots (5)
Corn, Sweet (2)
Cucumbers, Slicing (Burpless, Slicing varieties) (2)
Cucumbers, Lemon (2)
Cucumbers, Pickling (5)
Garlic, Regular (2) or Elephant (1)
Kohlrabi (2)
Lettuce, (1 plant) leaf lettuce in vase of water
Onions, Bulb (3)
Onions, green (5 onions)
Peas, in pod (5)
Peppers, Bell or Sweet (2)
Peppers, Hot (5)
Potatoes (5)
Pumpkins (1)
Squash, Summer Crookneck (2)
Squash, Summer Zucchini (2)
Squash, Winter (1)
Tomato Slicing (3)
Tomato, Cherry (5)
Tomato, other (5)
Turnips (2)
Other, # (refer to 4-H 2334)
**HERBS**

Herbs must be grown by the exhibitor. Exhibitors may enter only one exhibit in each class number. An Herb Dried, Fresh-Cut Explanation Card (712-06) must be firmly attached to all herb exhibits which are judged by the criteria in the Herb Fresh Exhibit Score Sheet (712-05) and the Herb Dried Exhibit Score Sheet (712-04) which are available at the county Extension office or on the State 4-H website: [http://oregon.4h.oregonstate.edu/contest-materials-horticulture](http://oregon.4h.oregonstate.edu/contest-materials-horticulture).

The publication Select and Prepare Herbs for Exhibit (4H 2335) should be used by exhibitors as a reference and is online at: [http://extension.oregonstate.edu/catalog/4H/4-h2335.pdf](http://extension.oregonstate.edu/catalog/4H/4-h2335.pdf).

Selection of herbs is the choice of the 4-H member. Any herb available in your area of the state may be exhibited.

**HERB EXHIBITS**

Fresh cut herbs with their own class, such as onions and garlic should be exhibited in that class, not in the Fresh Cut Herb class. The information card must include drying method. Basil, chives, dill leaves, fennel and parsley should not be exhibited dried because they are best preserved by freezing.

- 712 117 001 Herbs, Fresh Cut – Junior (one bunch with stems, one inch in diameter)
- 712 117 011 Cut Herb Collection – Junior (include 3 different herbs in same amount as fresh cut exhibit)
- 712 117 002 Herbs, Fresh Cut - Intermediate (one bunch with stems, one inch in diameter)
- 712 117 012 Cut Herb Collection – Intermediate (include 4 different herbs in same amount as fresh cut exhibit, including one that is new this year)
- 712 117 003 Herbs, Fresh Cut – Senior (one bunch with stems, one inch in diameter)
- 712 117 013 Cut Herb Collection – Senior (include 5 different herbs in same amount as fresh cut exhibit, including two that are new this year)
- 712 118 001 Herbs, Dried – Junior (Display all herbs in a self-closing bag: one inch bunch secured with a twist tie or three tablespoons dried leaves or one tablespoon of dried seeds.)
- 712 118 011 Herbs, Dried Collection – Junior (3 herbs in same amounts as dried herb exhibit)
- 712 118 002 Herbs, Dried - Intermediate (Display all herbs in a self-closing bag: one inch bunch secured with a twist tie or three tablespoons dried leaves or one tablespoon of dried seeds.)
- 712 118 012 Herbs, Dried Collection – Intermediate (4 herbs in same amounts as dried herb exhibit, one which is new this year)
- 712 118 003 Herbs, Dried – Senior (Display all herbs in a self-closing bag: one inch bunch secured with a twist tie or three tablespoons dried leaves or one tablespoon of dried seeds.)
- 712 118 013 Herbs, Dried Collection – Senior (5 herbs in same amounts as dried herb exhibit, two which are new this year)

**CONTAINER GARDENING**

Plants entered in Container Gardening must be grown by the exhibitor. Exhibitors may enter only one exhibit in each class number. Member’s name and county should be securely attached to the bottom of each container. Container Garden Information Card (716-02) must be firmly attached to the exhibit and covered with a closeable sandwich bag (zip lock) to keep the card dry. Please attach to the container with clear packaging tape or duct tape.

Exhibits exceeding 30 pounds or measuring larger than 30" by 30" must be entered in the oversized class. Oversized exhibits must be moved into place by the exhibitor and will not qualify for State Fair.

Container exhibits will be cared for by 4-H volunteers at County Fair and Oregon State Fair. The 4-H program cannot be responsible for the condition of the plant when it is returned.

Exhibitors should use the online publication Select and Prepare Herbs for Exhibit (4H 2335) as a reference for potted herbs. It can be found at: [http://extension.oregonstate.edu/catalog/4H/4-h2335.pdf](http://extension.oregonstate.edu/catalog/4H/4-h2335.pdf).

Judging criteria are outlined on the 4-H Container Gardening Exhibit Score Card (716-01), available at the county Extension office or on the State website at: [http://oregon.4h.oregonstate.edu/contest-materials-horticulture](http://oregon.4h.oregonstate.edu/contest-materials-horticulture).

**CONTAINER GARDENING, JUNIOR**

- 716 115 011 Terrarium (Closed container)
- 716 115 021 Dish Garden (cacti & succulents, more than 1 plant)
- 716 114 031 House Plant (1 plant)
- 716 113 041 Patio Plant (1 outdoor plant in a container)
- 716 113 141 Patio Planter (more than 1 plant, can be a combination of annuals, perennials, herbs, and/or vegetables)
- 716 112 051 Potted Vegetable
- 716 116 001 Potted Herbs (must be 2 herbs)
- 716 117 061 Other (for exhibits that do not fit in above classes)
- 716 700 001 Oversized Horticulture Exhibit, Junior

**CONTAINER GARDENING, INTERMEDIATE**

- 716 115 012 Terrarium (closed container)
- 716 115 022 Dish Garden (cacti & succulents, more than 1 plant)
- 716 114 032 House Plant (1 plant)
- 716 113 042 Patio Plant (1 outdoor plant in a container)
- 716 113 142 Patio Planter (more than 1 plant, can be a combination of annuals, perennials, herbs, and/or vegetables)
- 716 112 052 Potted Vegetable
- 716 116 002 Potted Herbs (must include 3 herbs)
- 716 117 062 Other (for exhibits that do not fit in above classes)
- 716 200 012 Display on experiment with plant(s) in containers. Exhibit must show and include a written explanation of what was done and a summary of what was learned. Display not to exceed 30" wide x 24" deep x 36" high
- 716 700 002 Oversized Horticulture Exhibit, Intermediate

**CONTAINER GARDENING, SENIOR**

- 716 115 013 Terrarium (closed container)
- 716 115 023 Dish Garden (cacti & succulents, more than 1 plant)
- 716 114 033 House Plant (1 plant)
- 716 113 043 Patio Plant (1 outdoor plant in a container)
- 716 113 143 Patio Planter (more than 1 plant, can be a combination of annuals, perennials, herbs, and/or vegetables)
- 716 112 053 Potted Vegetable
- 716 116 003 Potted Herbs (must include 4 herbs)
- 716 117 063 Other (for exhibits that do not fit in above classes)
716 200 013  Display on experiment with plant(s) in containers. Exhibit must show and include a written explanation of what was done and a summary of what was learned. Display not to exceed 30" wide x 24" deep x 36" high.

716 300 013  Commercial Exhibit of plants (flat or market package). Include planting dates, costs incurred and suggested retail pricing.

716 700 003  Oversized Horticulture Exhibit, Senior

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**EXPRESSIVE ARTS**

EXHIBITS WILL NOT BE RELEASED BEFORE 8:00 P.M. ON THE CLOSING DAY OF FAIR. PLAN TO HAVE EXHIBITS PICKED UP AT THIS TIME. All unclaimed exhibits (except State Fair) will be taken to the Extension Office and will be available for pick up on Wednesday after the Fair.

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**ART**

Art has two divisions based on whether the entry is entirely original or includes components that have been designed or created by others. In both divisions, the member will be expected to create their work by applying the elements and principles of design.

Members may enter up to five exhibits in original art and three exhibits in non-original art, with no more than one entry per class number. Only three from original and three from non-original may go to State Fair, if eligible.

Artwork may not be framed with the exception of work done with chalks, charcoals, or pastels. If work done with chalks, charcoals, or pastels is framed, light weight frames with plastic over wrap with plastic are acceptable for protection of the artwork. Matting, spray fixatives and/or jewelry exhibits must be mounted in some way to a board or fabric covered board for display. No glass is allowed.

Artwork is to be mounted for display, including jewelry. All jewelry exhibits must be mounted in some way to a board or fabric covered board for display. Matting, spray fixatives and/or over wrap with plastic are acceptable for protection of the artwork. If an item is meant to hang, a hanger that will support the weight of the exhibit must be securely attached. Adhesive plastic hangers are encouraged as they protect other artwork. They are available for purchase in the Exhibit Hall on judging day for 50 cents each.

All items made from clay (except modeling clay) must be exhibited in the Ceramics and Pottery division.

All work done on an item that is wearable clothing or an accessory must be exhibited in a Wearable Art category. No tie dye.

Exhibits should not contain parts that expose the public or volunteers to injury (i.e. sharp edges or points).

Public display of exhibits will be at the discretion of 4-H management. Exhibits are entered and displayed at the risk of the exhibitor; see rule 7 under Exhibit Hall rules.

In addition to the exhibit tag, each piece of an exhibit must be labeled on the back or bottom with the member's name, county, and exhibit class number. Exhibits that have more than one piece need to be tied together or connected together in some way so that the pieces can be considered as one exhibit.

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To qualify for judging a fully completed new 4-H Expressive Arts Exhibit Explanation card must be attached. The explanation should give the member's name, county and class number, origin of design, intended use of the item, previous experience using this technique and a description of how it was made. Forms are available at the county Extension office or on the State 4-H website at: http://oregon.4h.oregonstate.edu/contest-materials-expressive-arts.

Note: Fill in blank in class number (_) with corresponding number for Junior, Intermediate or Senior.


**ORIGINAL ART**

Member applies the elements and principles of design to create a work that is entirely their own.

**Drawing and Sketching**

231 100 01(_)  Line drawing – original work using line technique with any drawing medium that can make a distinct line. Medium examples might include pencil, colored pencil, scratch art, pen and ink, felt tip.

231 100 02(_)  Shaded drawing – original work using shading techniques with any drawing medium. Medium examples might include charcoal, pencils, and colored pencils.

231 100 03(_)  Line and shaded combination drawing – original work using a combination of line and shading techniques.

**Painting**

231 100 04(_)  Watercolor, tempera, or other water media – original painting using water media (identify media used).

231 100 05(_)  Acrylic Painting – original work using acrylic paint media

231 100 06(_)  Oil Painting – original work using oil paint media

231 100 18(_)  Pastels – original work using pastel media

**Print Making or Stenciling**

231 100 07(_)  Print or Stencil – original work using print making or stenciling techniques with a design created by the member (Use of commercial stencils is not appropriate)

**Collage or Mosaic**

231 100 08(_)  Collage or Mosaic – original work using collage or mosaic techniques with a design created by the member. Media might include paper, tile, wood, glass, seeds, etc.

**Dyeing and Marbling**

231 100 09(_)  Dyeing and Marbling – original work using marbling or dyeing techniques such as batik or dye painting. No tie dye.

**Other Two-Dimensional Work**

231 100 10(_)  Other Two-dimensional work – original two-dimensional work using techniques other than those listed for classes above. Examples might include cut paper or calligraphy.
Examples might include metal welding, casting, paper mâché original three-dimensional work using additive techniques.

The pre-designed component must not be the total design. Examples include jewelry, hats, purses, footwear, etc. Techniques might include painting, dyeing, sculpting, beading, enameling, etc. No tie dye.

Other Three-Dimensional Work

Wearable and Functional Art

Wearable Clothing – clothing item demonstrating original artwork. Techniques might include painting, dyeing, beading, etc. No tie dye.

Wearable Accessory – accessory item demonstrating original artwork. Examples include jewelry, hats, purse, footwear, etc. Techniques might include painting, dyeing, sculpting, beading, enameling, etc. No tie dye.

Functional Item – original work in any technique or media done to create a functional but non-wearable item such as bowls, vases, cups, lamps, or other items. Typical media might include metal, wood, or paper.

ART – NON-ORIGINAL

Member applies the elements and principles of design to create work that may incorporate pieces that have been designed or created by others such as instructional patterns, pre-stamped or printed outlines, rubber stamps, commercial stencils, stickers, printed papers, etc. The explanation to the judge should explain how the member made the decisions about how to incorporate these pieces into the total design. The pre-designed component must not be the total design.

Painting (Does not include stenciling or etching)

Painting on a wood surface – decorative painting on a wooden surface using any paint medium and the aid of a pre-designed instructional pattern.

Painting on metal, glass, or other non-porous surface - decorative painting on a metal, glass, plastic, or other non-porous surface using any paint medium and the aid of a pre-designed instructional pattern.

Painting on a porous surface – decorative painting on a porous surface using any paint medium and the aid of a pre-designed instructional pattern. Surfaces might include fabric, paper, fiber, plaster, or cement.

Stenciling/Printing/Stamping

Work created using stenciling, etching, printing, or stamping techniques with the aid of stencils, forms, stamps or designs that the member did not create themselves. In some cases, the exhibit may be up to five smaller items that use the same technique based around a theme. (Example: five note cards using nature stamps)

Collage/Decoupagedrawing/shading/texturing and/or three dimensional shading techniques with the aid of partial photographs or line drawings that the member did not create themselves. Examples include soft metal embossing, wood burning, scratch art, or drawing to complete or enhance a partial photo of a subject.

Three-dimensional work created using assemblage techniques and components or materials that are pre-formed or designed by someone other than the member themselves. Work should be assembled in a manner that maintains the form as a permanent structure. (No Lego® creations or kits.)

Upto two single sided scrapbook or memory book pages based on a single theme. Pages are encouraged to be protected by plastic sleeves. Exhibits with two pages should have the pages securely attached to each other.

Member demonstrates artwork done with the aid of some pre-designed components. Examples include jewelry, hats, purses, footwear, etc. Techniques might include painting, dyeing, sculpting, beading, enameling, etc.

These classes are open to members enrolled in Art. Members may enter up to three classes (no more than one entry per class number). All articles must be labeled with member’s name and county. When two pieces make up one exhibit, the articles must each be labeled with the member’s name and county, and must be attached to each other. To qualify for judging, a fully completed 4-H Expressive Arts Exhibit Explanation card (new 2014) must be attached. Forms are available at the County Extension office and on the State 4-H website at: http://oregon.4h.oregonstate.edu/contest-materials-expressive-arts.

The Cast Ceramics project is for slip cast items only. The Pottery project is for hand formed and thrown items only. No green ware or pre-cast molds will be accepted or judged.

Fill in the last blank in the class number with the corresponding number for Junior, Intermediate or Senior.

1. Junior
2. Intermediate
3. Senior
Ceramics:
- Slip cast item made from earthenware, stone ware, or porcelain clays and using a glaze or specialty glaze
- Slip cast item made from earthenware, stone ware, or porcelain clays and using an underglaze or glaze/underglaze combination
- Slip cast item made from earthenware, stone ware, or porcelain clays and using an overglaze (including metallic luster and decals)
- Slip cast item made from earthenware, stone ware, or porcelain clays and using unfired finishes and stains
- Slip cast item made from earthenware, stone ware, or porcelain clays and using one-of-a-kind finishes and designs not included in the above classes

Pottery:
- Pottery or clay work, using a slab technique
- Pottery or clay work, using a pinch technique
- Pottery or clay work, using a coil technique
- Pottery or clay work, using a wheel throwing technique
- Pottery or clay work, using a combination of two or more of the above techniques.
- Pottery or clay work, using a low fire glaze
- Pottery or clay work, using a high fire glaze

CAKE DECORATING EXHIBITS
This division is open only to members enrolled in Art.

Members may enter up to TWO classes (no more than one entry per class number). Cake Decorating Exhibits must be dropped off on Monday, August 17, 2015 for display, but will not be judged until Saturday August 22, 2015 before the Cake Decorating Contest.

Cake decorating is limited to all icing work. All items on cake must be made from frosting, not fondant, candies or any other shaped 3-dimensional items. Exhibits must be displayed on a disposable plate or board. For ideas, see the Cake Decorating curriculum online at http://Idaho.4h.oregonstate.edu/Wyo4H/4-HWebsite/Publications/cake-decorating.pdf.

For State Fair, exhibits must be packaged in a box, by the exhibitor for ease of transport. Cake boxes or other cardboard boxes utilized should be close in size to the exhibit and be packed for stacking and handling. Exhibits not prepared for transport may be left behind at county staff discretion.

In addition to the exhibit tag, each piece of an exhibit must be labeled on the back or bottom with the member’s name, county, and exhibit class number. Public display of exhibits will be at the discretion of 4-H management. If items are spoiled or heavily damaged by the end of the fair, they may not be returned.

To qualify for judging, a fully completed 4-H Expressive Arts Exhibit Explanation card (new for 2014) or a 4-H Educational Display Explanation card (for poster classes) must be attached. Forms are available in county Extension offices and at the State 4-H website: http://oregon.4h.oregonstate.edu/contest-materials-expressive-arts. Judging criteria are outlined on the 4-H Cake Decorating Project Evaluation Form found at: http://oregon.4h.oregonstate.edu/contest-materials-expressive-arts.

Member applies the elements and principles of design to create work that is entirely their own.

PHASE 1: DEMONSTRATE USE OF 3 TIPS
- Decorated Flat Cookie – a decorated 4” – 6” cookie, any shape
- Decorated Flat Cake Design – decorate an 8” x 12” design on a 9 ½” x 13 ½” flat board wrapped in wax paper. Decorate this space as if it was the top of a cake. The design should include proper use of 3 different tips: writing tip, leaf tip, star tip, or drop flower tip.
- Educational poster – showing or explaining something you have made, learned or did in your cake decorating project. Posters must not exceed 24” x 30”.

PHASE 2: DEMONSTRATE USE OF 4 TIPS
- Decorated Cupcake – a decorated cupcake
- Decorated Flat Cake Design – decorate an 8” x 12” design on a 9 ½” x 13 ½” flat board wrapped in wax paper. Decorate this space as if it was the top of a cake. The design should include proper use of 4 different tips: writing tip, leaf tip, star tip, and petal tip.
- Educational poster – showing or explaining something you have made, learned or did in your cake decorating project. Posters must not exceed 24” x 30”.

PHASE 3: DEMONSTRATE USE OF MULTIPLE TIPS
- Decorated 8” Layer Cake – a decorated 8” round Styrofoam cake form
- Decorated Flat Cake Design – decorate an 8” x 12” design on a 9 ½” x 13 ½” flat board wrapped in wax paper. Decorate this space as if it was the top of a cake. The design should include a minimum of 5 flowers, a border, and proper use of writing tip, leaf tip, star tip, petal tip, and other variety tips.

CAKE DECORATING CONTEST
This division is open only to members enrolled in Art.

The Cake Decorating Contest will be Saturday, August 22, 2015. Judging criteria are outlined on the 4-H Cake Decorating Contest Evaluation Form found at http://oregon.4h.oregonstate.edu/fair-exhibit-and-contest-materials. Also see the state fair book for information about the state contest.

Cakes, frosting, and some decorating supplies will be provided. Members may bring their own decorating supplies and cake board. Members must apply all icing to the cake during the contest. Members may prepare some items at home to use in decorating their cake (e.g. icing decorations, edible flowers, etc.). Decorations can also be made on site. Seniors may also use fondant, gum paste, royal icing, molding chocolate, or butter cream. Seniors are also expected to make at least one decoration on site. Participants will be interviewed by the judge at the conclusion of the contest.

- Cake Decorating, Junior – Cupcake (12:00 pm – 1:00 pm)
- Cake Decorating, Intermediate – 8” round cake (12:30 pm – 1:30 pm)
- Cake Decorating, Senior – ¼ sheet sized cake (12:00 pm – 2:00 pm)
### FIBER ARTS

These classes are open to members enrolled in Fiber Arts. NOTE: Exhibits are classified by technique rather than article. Articles using more than one technique should be exhibited in the class for the technique that is most prominent, or that the member desires to be emphasized in the judging.

Members may exhibit in up to three classes. Only one article may be exhibited in a class number. Framed and other presentations meant to be hung must have a securely attached appropriate means by which to hang them. No glass may be used in framing.

Knitting and crocheting must be entered in knitting and crocheting classes except for projects from handspun yarn or items which have been fulled/felted.

To qualify for judging, a fully completed 4-H Fiber Arts Exhibit Explanation card must be attached. Forms are available in county Extension offices and on the State 4-H website: [http://oregon.4h.oregonstate.edu/contest-materials-expressive-arts](http://oregon.4h.oregonstate.edu/contest-materials-expressive-arts). Judging criteria are outlined on the Fiber Arts Exhibit Score Card found at: [http://oregon.4h.oregonstate.edu/contest-materials-expressive-arts](http://oregon.4h.oregonstate.edu/contest-materials-expressive-arts).

In addition to the exhibit tag, each piece of an exhibit must be labeled on the back or bottom with the member’s name, county and exhibit class number.

Note: Fill in blank in class number (_) with corresponding number for Junior, Intermediate, or Senior.

<table>
<thead>
<tr>
<th>Class Number</th>
<th>Description</th>
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<tbody>
<tr>
<td>100 10(_)</td>
<td>Weaving</td>
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<td>100 15(_)</td>
<td>Basketry</td>
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<tr>
<td>100 20(_)</td>
<td>Spinning</td>
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<td>100 30(_)</td>
<td>Felting</td>
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<td>100 31(_)</td>
<td>Felted Embellishment</td>
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<tr>
<td>100 40(_)</td>
<td>Macramé &amp; Knotting</td>
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<td>100 45(_)</td>
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<td>Appliquéd Quilts</td>
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### LEATHER CRAFT

These classes are open to members enrolled in the Leathercraft project. Members may enter up to three classes, but only one exhibit per class. Each exhibit will consist of one article (a pair of gloves, slippers, etc. is considered one article). If a project qualifies for more than one class, the member should decide which part of their work they would like to emphasize by selecting the appropriate class. Overall appearance of the entire article will be considered during judging.

To qualify for judging, a fully completed 4-H Expressive Arts Exhibit Explanation card (New in 2014) must be attached. Forms are available at the County Extension office and on the State 4-H website at [http://oregon.4h.oregonstate.edu/contest-materials-expressive-arts](http://oregon.4h.oregonstate.edu/contest-materials-expressive-arts).
Each article must be labeled with the member’s name, county and exhibit class number. When a pair of articles makes up an exhibit, the articles must each be labeled (as above) and attached to each other.

Note: Fill in blank in class number (_) with corresponding number for Junior, Intermediate, or Senior.

1. Junior
2. Intermediate
3. Senior

251 100 01(_) Stamping Techniques: Demonstrates the use of alphabet stamps, number stamps, and 2D and 3D image stamps of any size. Use of the swivel knife and other tools may be incorporated into overall design.

251 100 02(_) Floral carving: Demonstrates the use of basic tools and carving techniques on designs primarily using elements such as flowers, leaves, seeds, nuts or rolls. Basic tools can include, but are not limited to: swivel knife, beveller, veiner, pear shader, camouflage, backgrounder and seeder. Carving techniques should show proper use of the selected tools to create the overall design. Use of color is allowed.

251 100 03(_) Geometric and basketweaves: Demonstrates use of geometric or basketweave tools to create appropriate design. Design may include use of the swivel knife and other tools.

251 100 04(_) Figure carving, Pictorial carving or Embossing techniques: Demonstrates figure carving, pictorial carving or embossing techniques. The application of color is appropriate but not required.

251 100 05(_) Use of Color: Demonstrates at least one of the following techniques: solid color, antique stain, block dyeing, background dyeing, resist dyeing, air brushing or use of multiple colors.

251 100 06(_) Lacing techniques: Demonstrates assembly of project using appropriate lacing techniques.

251 100 07(_) Stitching: Demonstrates assembly of project using appropriate hand or machine stitching techniques. If appropriate, edges of project must be rounded with an edging tool and burnished or slicked. Edge dye may be applied but is not required.

251 100 08(_) Edging: Demonstrates appropriate rounding of edges and burnishing or slicking techniques. Edge dye may be applied but is not required.

251 100 09(_) Hardware Application: Demonstrates appropriate application of hardware such as snaps, rivets, buckles, D-rings, clasps, 3 ring binders, key mounts, bar clamps, spots, conchos, etc.

251 100 10(_) Advanced Techniques: Includes filigree, designing own tooling pattern, designing and cutting of interior pieces or lining, cutting project from hide or leather, rolled edges, folding, skiving, molding, lining application, and zipper installation. The advanced technique should be a major or important element of the overall project.

251 100 11(_) Major Article: Should show the ability to handle an advanced project that includes skills from at least 3 of the other classes.

251 100 12(_) Other Creative Techniques: Project demonstrates creative techniques such as pyrography (burning), braiding, knot work, sculpting and molding, or appliqué.

PERFORMING ARTS

Members must be enrolled in the Performing Arts project or Cloverbuds. Individuals or groups may participate. Use age divisions for solo performances and Club for group performances (two or more performers). A member can enter a maximum of two acts, one solo and one club. Members must list their Performing Art classes on the Clackamas County Contest Entry Form.

All members MUST participate in BOTH pre-fair Performing Art judging and the live show. Judging times will be individually scheduled on Saturday, August 15, between 1-5 pm. The act should be presented as if there were a large live audience. The public Performing Arts show will be held on Tuesday evening, August 18, from 4-6 pm. Awards will be given out following at the public show.

A basic PA system is provided. Members will need to bring or arrange for all other equipment, supplies, costumes, or accompaniment. There is not a rehearsal or storage space. Participants will fill out an information form that will tell the judge about their act and include an introduction to use during the public show. The information forms will be mailed to the participants with the judging schedule prior to judging day.

Although there is not a judged class at State Fair, intermediate and senior members may sign up to participate in the Performing Arts Exhibition. More information will be available in July.

CREATIVE WRITING

One entry per class. Must be enrolled in creative writing project. Entries should be typed with a maximum of 2 pages for poetry entries and 10 pages for prose entries.

PHOTOGRAPHY

The following classes are for still photography. Video projects should be entered under Videography.

Members may enter one exhibit per class. Juniors are limited to three exhibits, Intermediates four exhibits, and Seniors five exhibits including the Scavenger Hunt class. In addition, members may enter a photography Education Exhibit and a club scavenger hunt. Selected members may exhibit in two classes at State Fair and be part of one club entry. All photos must have been originally taken by the member. Public display of exhibits will be at the discretion of 4-H management. Exhibits are entered and displayed at the risk of the exhibitor; see rule 7 under Exhibit Hall rules.

To qualify for judging, a fully completed 4-H Photography Exhibit Explanation card (241-01) NEW in 2015 must be attached. Judging criteria are outlined on the Photography Exhibit Evaluation Form (241-02) NEW in 2015. Forms are available at the county Extension office and on the State 4-H
Photography classes are divided by subject matter or technique. If a photo includes more than one type of subject (e.g., people and animals), the member should decide which category is the most appropriate.

Digital and film photos will be included in the same class except as restricted by the class description. Color and black and white images will be included in the same class according to subject or technique.

All single photos must be a minimum size of 5” x 7”, with a final presentation (to include mounting or mounting/matting) of 8” x 10”. Exhibits may be no larger than 16” x 20”. Any commercially available prints or mat sizes within this range are acceptable. Any prints or mats cut by the exhibitor must also meet these specifications.

All photos must be either mounted or mounted and matted with a rigid backing. Anything firm or stiff to protect the photos on the backside, which does not show, such as foam core or rigid cardboard, is required. Any matted photo must include a solid backing of a rigid material such as mounting or mat board. The visible surface behind any ‘mounted only’ print must be mat board. Poster board or construction paper is not acceptable.

Exceptions to photo size limits include:

- **Class 241 100 10( ) Panoramic** – photos must be at least twice as long in one direction as they are in the other direction. Matted or mounted exhibit must not exceed 16” x 20”.
- **Class 241 100 11( ) Photojournalism & Class 241 100 17( ) Scavenger Hunt** may include photos of any size mounted on a single board, must not to exceed 16” x 20”, number of photos determined by class.
- **Class 241 100 12( ) Creative Process** – original image may be 4” x 6”, final image no less than 5 inches on the shorter side of photo. Final exhibit, showing both photos mounted on the front, must not exceed 16” x 20”.
- **Class 241 100 16( ) Creative uses** – size determined by the use.

Captions must not be used except in:

- **Class 241 100 11( ) Photojournalism**
- **Class 241 100 16( ) Creative Uses**
- **Class 241 100 17( ) Scavenger Hunt**

No frames are allowed in any class. No date imprints are allowed in photos. No additions or embellishments to mats or mounts. No plastic covered pictures.

Exhibitors should use rubber cement on both the photo and the mat board, or double-sided tape to withstand the high temperatures in the exhibit hall. Exhibits should be clean and neatly assembled.

Exhibits must be ready for hanging with adhesive plastic hanger. Attach a single plastic hanger with about ½ inch exposed over the top center of the exhibit. Be sure the hangers are taped or covered in a manner to protect other exhibits from damage if exhibits are stacked.

Exhibitors name, county and the class number must be printed on the back of the exhibit. The club Scavenger Hunt exhibit must be entered under the club name and have the names of all club members participating listed on the back.

Due to the high level of participation, the number of exhibits displayed at Fair may be limited.

### Note:
Fill in blank in class number ( ) with corresponding number for Junior, Intermediate, Senior or Club.

1. **Junior**
2. **Intermediate**
3. **Senior**

**241 100 01( ) Landscapes:** Single image featuring an expanse of scenery (layout and features of land or water); could include sunsets, seascapes, day or night scenes.

**241 100 02( ) People:** single image featuring people in formal and informal settings.

**241 100 03( ) Animals:** single image featuring one or more animals.

**241 100 04( ) Plants:** single image featuring plants, leaves, flowers, trees, etc.

**241 100 05( ) Architectural:** single image featuring man-made structures such as buildings, bridges, etc. No sculptures or garden art

**241 100 06( ) Other Interesting subject:** single image featuring subjects of interest that do not fit in the above classes.

**241 100 07( ) Textures:** single image featuring the texture(s) of an object or subject, with emphasis on the use of light, angle and composition.

**241 100 08( ) Still Life:** single image featuring an arrangement of inanimate objects (incapable of movement on their own), which are arranged by the photographer with emphasis on the use of lighting and composition.

**241 100 09( ) Action/Movement:** single image capturing a subject that is in motion.

**241 100 10( ) Panoramic:** single image of any subject, produced in panoramic format either in the camera or by cropping, where the panoramic ratio adds to the effect of the image.

**241 100 11( ) Photojournalism (Series or Story):** multiple print images (minimum of 3 and maximum of 12) of any size or shape that depict a series (several images on one topic) or tell a story (showing several steps of an event or activity), mounted on one story board not to exceed 16” x 20”. Captions are optional. Photo album pages or memory book pages are not allowed.

**241 100 12( ) Creative process:** single image that has been changed or altered through either film or digital processing or printing techniques. Includes computer enhancement beyond basic corrections of cropping, color and brightness correction, and red eye removal. The exhibit must include the original image and the final image (no less than 5 inches on the shorter side of the photo) must both show on the front of the exhibit and must not exceed 16” x 20”. Must include an explanation of the creative techniques used.

**241 100 13( ) Special Effects:** single image showing a special effect achieved with the camera during the capture of the image: e.g. camera angle, light, subject placement, filters, focus alterations, etc. Must include an explanation of the special effect technique used.

**241 100 14( ) Darkroom Skills:** single image produced by the member using a darkroom and developing or printing techniques (not computer manipulation). Must include an explanation of the techniques used.

**241 100 16( ) Creative Uses:** One item showing the use or display of images in a creative manner. Images and the item must be the work of the member. Possibilities include: transfer to fabric, statuettes, 3-D display, note cards, page from a photo album or memory book, etc.

**241 100 17( ) Scavenger Hunt:** select and mount the required number of images (any size photo; one image per subject or technique; must not exceed 16” x 20” mount). Images should demonstrate subjects or
techniques chosen from the list below. Each image should be labeled with the chosen subject or technique. Select from these possibilities:

**Subjects:** water, color, light, texture, shadow, seasons, shapes, emotion, night, motion

**Techniques:** depth of field, forced perspective, light sources.

1. **Junior** – select 4 different subjects or techniques
2. **Intermediate** – select 6 different subjects or techniques
3. **Senior** – select 8 different subjects or techniques
4. **Club** (two or more members) – select 8 or more different subjects or techniques. Each member listed on the exhibit must have taken at least one of the images. At least one half of the members involved must be present for judging and be able to discuss their chosen subjects and techniques.

County ONLY – Education Exhibit: Explore one of the following subjects:

- The History of Photography
- Techniques of Photography
- People Influential in the Evolution of Photography (historical or modern)

The exhibit will be judged equally on visual presentation and subject content. Any articles displayed must be firmly attached to the exhibit. All pieces of the exhibit must be labeled on the back or bottom with the member’s name and class number.

The exhibit may be a poster or 3-dimensional display. Maximum size is 30” wide, 36” high, and 24” deep. Follow the Educational Display criteria for restricted items. An Educational Display Exhibit Card (000-01), must be attached to each exhibit and is available at [http://oregon.4h.oregonstate.edu/contest-materials-communications](http://oregon.4h.oregonstate.edu/contest-materials-communications).

CLOTHING & SEWING

Each member may enter three construction classes and any of the creativity and service classes for the project level in which they are enrolled. All exhibits must be in the same level. A 4-Her may enter the same garment or article in an exhibit class and the Fashion Revue, but is not required to do so. All Fashion Revue garments must be displayed even if they are not entered for exhibit class judging.

All entries must remain within the skills for that level. If an entry has more one or more construction skills from a higher level, that entry will be moved to the higher level regardless of where the member was enrolled. For example, if a Basic Level 1 member chooses to sew a jacket with a yoke, set-in sleeve and topstitching, that jacket will be moved to level 4. This move to a higher level is so that like items demonstrating particular construction skills can be judged with other items demonstrating similar skills.

All items should be clean and in good repair. Judging criteria are outlined in the 4-H Sewing/Clothing Check Sheet (320-01) and the 4-H Sewing/Clothing Creative Expression Score Sheet (320-02) available at the Extension office or on the State 4-H website at [http://oregon.4h.oregonstate.edu/contest-materials-family-and-consumer-science](http://oregon.4h.oregonstate.edu/contest-materials-family-and-consumer-science). Judging standards are listed in Measuring Up: Quality Standards for Sewn Items/Projects (PNW-197). Skills appropriate for each project level are listed in Sewing Skills Checklist, C0677. Each entry will be evaluated on ALL features, not just the skills listed in the respective project level.

A 4-H Sewing/Clothing Exhibit Card available at the Extension office or on the State 4-H website at [http://oregon.4h.oregonstate.edu/contest-materials-family-and-consumer-science](http://oregon.4h.oregonstate.edu/contest-materials-family-and-consumer-science) must be securely attached to each entry. The card requests information about the exhibits, which is needed by the judge in evaluation of the entry.

Hangers and/or garment bags are removed from exhibits prior to judging and might not be returned.

In addition to the 4-H Sewing/Clothing Exhibit Card, each garment or article in the construction classes must be labeled with the MEMBER’S NAME, COUNTY, and PROJECT LEVEL. This label should be typed or printed in indelible pencil or ink on a piece of white fabric and sewn or fused onto the bottom inside of each piece.

Items entered in HANDS FOR LARGER SERVICE should be donated to others following the County or State Fair. The member may pick up their item and give it to a charity them self, or they may ask the county Extension office to give it to a suitable charity.

**BASIC SKILLS LEVEL 1**

The projects should show the following skills: cutting skills; hand sewn skills; machine sewn skills (straight seams, curved seams, casings and/or hems).

320 101 110 Garment or item showing cutting skills with or without minimal stitching; made from fleece or other fabrics suitable for this level
320 101 120 Garment with casing but no crotch seam made from stable medium weight firmly woven fabric (cotton, cotton/polyester blend, wool, wool blend)
320 101 130 Garment with casing and crotch seam made from stable medium weight firmly woven fabric (cotton, cotton/polyester blend, wool, wool blend)
320 101 140 Garment with skills other than casing from stable medium weight firmly woven fabric (cotton, cotton/polyester blend, wool, wool blend)
320 101 150 Garment from polar fleece or comparable fabric with minimal stretch (4 inches of fabric stretches only to 4 ¾ inches or less)
320 101 160 Non-garment item sewn by hand from felt, firmly woven fabrics (cotton, cotton/polyester blend, wool, wool blend) or polar fleece (minimal stretch - 4 inches of fabric stretches only to 4 ¾ inches or less)
320 101 170 Personal accessory from firmly woven fabrics (cotton, cotton/polyester blend, wool, wool blend), or polar fleece (minimal stretch - 4 inches of fabric stretches only to 4 ¾ inches or less)
320 101 180 Item for the home from firmly woven fabrics (cotton, cotton/polyester blend, wool, wool blend), or polar fleece (minimal stretch - 4 inches of fabric stretches only to 4 ¾ inches or less)
320 101 190 Toy or non-garment item for use in picnics, sports, camping, or with animals from firmly woven (cotton, cotton/polyester blend, wool, wool blend), or polar fleece (minimal stretch - 4 inches of fabric stretches only to 4 ¾ inches or less)
320 301 100 Creativity – Item or garment which has been enhanced through creative embellishment, fabric manipulation, or fabric creation; recycled items may be included; exhibit must have been made by exhibitor using fabrics and skills appropriate to skill level 1
320 401 100 Hands For Larger Service – Items or garments to be donated to someone in need; use fabrics and skills appropriate to skill level 1.
BASIC SKILLS LEVEL 2
The projects should show any of level 1 skills in addition to any of the following skills: Sewing by machine (stay stitching, seam finishes, reinforce seams); pressing skills; cutting skills to remove bulk; casings; hemming skills; facings; sleeves (only cut-on, kimono, or raglan sleeves); patch pockets; closures (snaps, hook & eye, hook & loop tape, zippers in flat items (no neck or waist opening zippers)); knit techniques.

320 101 210 Garment with casing made from stable medium weight firmly woven fabric (cotton, cotton/polyester blend, wool, wool blend)
320 101 220 Garment with skills other than a casing made from stable medium weight firmly woven fabric (cotton, cotton/polyester blend, wool, wool blend)
320 101 230 Garment from non-bulky knit fabric with minimal stretch (4 inches of fabric stretches only to 4 ¾ inches or less).
320 101 240 Garment from polar fleece or comparable fabric with minimal stretch (4 inches of fabric stretches only to 4 ¾ inches or less).
320 101 250 Outfit (2 or more pieces) Each piece of the outfit may use one or more of the following fabrics: stable, medium weight, firmly woven fabrics and/or non-bulky knit fabrics with minimal stretch, and/or polar fleece with minimal stretch.
320 101 260 Personal accessory from firmly woven fabrics (cotton, cotton/polyester blend, wool, wool blend), non-bulky knit fabrics with minimal stretch or polar fleece with minimal stretch (4 inches of fabric stretches only to 4 ¾ inches or less).
320 101 270 Item for the home from firmly woven (cotton, cotton/polyester blend, wool, wool blend), non-bulky knit fabrics with minimal stretch or polar fleece with minimal stretch (4 inches of fabric stretches only to 4 ¾ inches or less).
320 101 280 Non-garment item for use in picnics, sports, camping, or with animals from firmly woven (cotton, cotton/polyester blend, wool, wool blend), non-bulky knit fabrics with minimal stretch or polar fleece with minimal stretch (4 inches of fabric stretches only to 4 ¾ inches or less).
320 101 290 Doll, toy or garment/accessories for either from firmly woven (cotton, cotton/polyester blend, wool, wool blend), non-bulky knit fabrics with minimal stretch or polar fleece with minimal stretch (4 inches of fabric stretches only to 4 ¾ inches or less).
320 301 200 Creativity – Item or garment which has been enhanced through creative embellishment, fabric manipulation, or fabric creation; recycled items may be included; exhibit must have been made by exhibitor using fabrics and skills appropriate to skill level 3.
320 401 200 Hands For Larger Service – Items or garments to be donated to someone in need; use fabrics and skills appropriate to skill level 3.

BASIC SKILLS LEVEL 3
The projects should show any of level 1 or 2 skills in addition to any of the following skills: darts; controlling and joining uneven lengths (gathers & easing); waistband, closures (zippers: lapped, centered, exposed, invisible); machine buttonholes; stretch fabric techniques.

320 101 310 Garment made from medium weight woven fabric which may have up to moderate stretch (4 inches of fabric stretches to no more than 5 3/8 inches); show at least 2 new skills for this level.
320 101 320 Garment made from knit fabric which may have up to moderate stretch (4 inches of fabric stretches to no more than 5 3/8 inches); show at least 2 new skills for this level.

EXPANDING SKILLS LEVEL 4
The projects may show any of the basic skills in addition to any of the following skills: simple pattern alterations; design details (yokes, pockets, cuffs, collars, set-in sleeves); structural details (closures at top of zippers, topstitching, ruffles, plackets, pleats, fly front); matching and directional skills for plaid; hemming techniques; seam construction and finishes (flat-felled, french, mock french, turned and stitched seam finish, bound seam finish).

320 101 410 Garment made from medium weight woven fabric, with or without nap, which may have up to moderate stretch (4 inches of fabric stretches to no more than 5 3/8 inches); show at least 2 new skills for this level.
320 101 420 Garment made from knit fabric which may have up to moderate stretch (4 inches of fabric stretches to no more than 5 3/8 inches); show at least 2 new skills for this level.
320 101 430 Garment made from polar fleece or comparable fabric which may have up to moderate stretch (4 inches of fabric stretches to no more than 5 3/8 inches); show at least 2 new skills for this level.
320 101 440 Outfit (2 or more pieces) Each piece of the outfit may use one or more of the following fabrics: medium weight woven fabric with or without nap, and/or knit fabrics, and/or polar fleece; all fabrics may have up to moderate stretch (4 inches of fabric stretches to no more than 5 3/8 inches). Show at least 2 new skills for this level.
320 101 450 Personal accessory or item for the home from medium weight woven fabric with or without nap,
knit fabrics, and/or polar fleece; all fabrics may have up to moderate stretch (4 inches of fabric stretches to no more than 5 3/8 inches). Show at least 2 new skills for this level.

320 101 460 Non-garment item for use in picnics, sports, camping, or with animals from medium weight woven fabrics with or without nap, knit fabrics, and/or polar fleece; all fabrics may have up to moderate stretch (4 inches of fabric stretches to no more than 5 3/8 inches). Show at least 2 new skills for this level.

320 301 400 Creativity – Item or garment which has been enhanced through creative embellishment, fabric manipulation, or fabric creation; recycled items may be included; exhibit must have been made by exhibitor using fabrics and skills appropriate to skill level 4.

320 401 400 Hands For Larger Service – Items or garments to be donated to someone in need; use fabrics and skills appropriate to skill level 4.

EXPANDING SKILLS LEVEL 5
The projects may show any skills from previous levels in addition to any of the following skills: any skills from previous levels on bulky fabrics or stretchy woven or knit fabric; additional fitting and pattern adjustment techniques; tab fronts; bias detailing; insets; pockets: bound, shaped, pleated or welt; simple linings.

320 101 510 Garment made from medium weight and/or bulky and/or stretchy woven fabric; show at least 3 new skills for this level.

320 101 520 Garment made from knit fabric which may be bulky or have any amount of stretch; show at least 3 new skills for this level.

320 101 530 Garment made from polar fleece or comparable fabric which may have any amount of stretch; show at least 3 new skills for this level.

320 101 540 Outfit (2 or more pieces) Each piece of the outfit may use one or more of the following fabrics: woven fabrics and/or knit fabrics, and/or polar fleece; all fabrics may have bulk &/or any amount of stretch. Show at least 3 new skills for this level.

320 101 550 Personal accessory or item for the home made from woven fabric and/or knit fabrics and/or polar fleece; all fabrics may have bulk and/or any amount of stretch. Show at least 3 new skills for this level.

320 101 560 Non-garment item for use in picnics, sports, camping, or with animals made from woven fabric and/or knit fabrics and/or polar fleece; all fabrics may have bulk and/or any amount of stretch. Show at least 3 new skills for this level.

320 301 500 Creativity – Item or garment which has been enhanced through creative embellishment, fabric manipulation, or fabric creation; recycled items may be included; exhibit must have been made by exhibitor using fabrics and skills appropriate to skill level 5.

320 401 500 Hands For Larger Service – Items or garments to be donated to someone in need; use fabrics and skills appropriate to skill level 5.

EXPANDING SKILLS LEVEL 6
The projects may show any skills from previous levels in addition to any of the following skills: any skills from previous levels on fabrics requiring more care in handling or specialty fabrics; additional fitting and pattern adjustment techniques; tab fronts; bias detailing; insets; pockets: bound, shaped, pleated or welt; simple linings.

320 101 610 Garment made from medium weight and/or bulky and/or stretchy woven fabric; show at least 3 new skills for this level.

320 101 620 Garment made from fine or lightweight woven fabric; show at least 3 new skills for this level.

320 101 630 Garment made from woven fabrics that require more care in handling or pattern selection (satin, dupion, crepe de chine, taffeta, velour, tulle, and net); show at least 3 new skills for this level.

320 101 640 Garment made from knit fabric which may be bulky or have any amount of stretch; show at least 3 new skills for this level.

320 101 650 Garment made from polar fleece or comparable fabric which may have any amount of stretch; show at least 3 new skills for this level.

320 101 660 Outfit (2 or more pieces) Each piece of the outfit may use one or more of the following fabrics: woven fabrics and/or knit fabrics and/or polar fleece; all fabrics may have bulk and/or any amount of stretch. Show 3 new skills for this level.

320 101 670 Personal accessory or item for the home made from woven fabric and/or knit fabrics and/or polar fleece; all fabrics may have bulk and/or any amount of stretch. Show at least 3 new skills for this level.

320 101 680 Non-garment item for use in picnics, sports, camping, or with animals made from woven fabrics that may be bulky or have any amount of stretch; show at least 3 new skills for this level.

320 101 690 Outfit (2 or more pieces) Each piece of the outfit may use one or more of the following fabrics: woven fabrics and/or knit fabrics and/or polar fleece; all fabrics may have bulk and/or any amount of stretch. Show at least 3 new skills for this level.

320 301 600 Creativity – Item or garment which has been enhanced through creative embellishment, fabric manipulation, or fabric creation; recycled items may be included; exhibit must have been made by exhibitor using fabrics and skills appropriate to skill level 6.

320 401 600 Hands For Larger Service – Items or garments to be donated to someone in need; use fabrics and skills appropriate to skill level 6.

ADVANCED SKILLS LEVELS 7, 8, 9
All three levels exhibit together in class determined by description. Members are now exploring a wide variety of fabrics and making choices and adaptations of techniques to match the fabric characteristics. Garments or items might be more challenging in terms of: detail or needed techniques, modifying the design, designing original patterns or combining patterns, fitting for self or others including advanced techniques (boning, advanced darts); using more extensive fabric embellishment or manipulation techniques. Members might be sewing for personal satisfaction or to fulfill a need.

320 101 710 Garment or outfit made from medium- or heavy-weight woven fabric (no tailoring techniques)

320 101 720 Garment or outfit made from woven fabric using traditional tailoring methods, interfacing fusible and non-fusible methods to create a tailored look.

320 101 730 Garment or outfit made from fine or light weight woven fabric.

320 101 740 Garment or outfit made from woven fabrics which require more care in handling or pattern selection (satin, dupion, crepe de chine, taffeta, velour, tulle, net, beaded or sequined fabrics, velvet, hand woven, double cloth, lame, leather, lace etc).

320 101 750 Garment or outfit made from knit fabric which may be bulky or have any amount of stretch.

320 101 760 Garment or outfit made from polar fleece or comparable fabric which may have any amount of stretch.

320 101 770 Garment or outfit specifically designed for outerwear such as ripstop nylon, coated or uncoated outdoor fabrics.

320 101 780 Garment or outfit combining two or more of the above fabrics.
“ON THE SPOT” SEWING CONTEST
COUNTY ONLY

Participants must be enrolled in a sewing project. Contestants will complete a specific sewing skill and will be judged on the quality of the finished product. The time allowed will vary according to the skill level. Participants will not know until the contest what sewing skill will be assigned to complete, but it will be at the skill level in which they are enrolled. (examples: a simple seam finish, setting a sleeve, making a buttonhole, interfacing and turning a collar, etc.) Packets will be given out containing instructions for the skill to be completed along with all necessary fabric, notions and pattern pieces. Sewing instruction books will be available.

Participants may bring their own machines, but are not required to do so. Prior to fair, participants will receive a list of the sewing skills that will be included in the contest at their level.

Overall judging criteria for fabric, notions and pattern pieces will be available.

“ON THE SPOT” SEWING CONTEST
COUNTY ONLY

Participants must be enrolled in a sewing project. Contestants will complete a specific sewing skill and will be judged on the quality of the finished product. The time allowed will vary according to the skill level. Participants will not know until the contest what sewing skill will be assigned to complete, but it will be at the skill level in which they are enrolled. (examples: a simple seam finish, setting a sleeve, making a buttonhole, interfacing and turning a collar, etc.) Packets will be given out containing instructions for the skill to be completed along with all necessary fabric, notions and pattern pieces. Sewing instruction books will be available.

Participants may bring their own machines, but are not required to do so. Prior to fair, participants will receive a list of the sewing skills that will be included in the contest at their level.

Overall judging criteria for fabric, notions and pattern pieces will be available.

CONTEST REGISTRATION FORM

Judging criteria for non-felted items are outlined on the 4-H Knitting Check Sheet (360-02). Judging criteria for knitting which has been felted are outlined in the 4-H Felting Knitting Score Sheet (261-03). Both are available from the county Extension office and online at http://oregon.4h.oregonstate.edu/contest-materials-family-and-consumer-science.

A pair of mittens, slippers, socks, etc. is considered one article. The two pieces of the pair should be temporarily but securely attached to each other. Swatches are not acceptable as exhibits.

In addition to the 4-H exhibit tag, each garment or article must be labeled with the member's name, county, and project phase or level. This label should be typed or printed in indelible pencil or ink on a piece of white fabric and sewn to the article or written with indelible ink on painters tape and placed where it can do the least amount of damage.

Items entered in HANDS FOR LARGER SERVICE should be donated to others following the County or State Fair. The member may pick up their item and give it to a charity themselves, or they may ask the county Extension office to give it to a suitable charity.

To qualify for STATE FAIR WOOL AWARDS yarn must be a minimum of 60% wool and no more than 40% other fiber. 4-H Knitting with Needles

PHASE 1
One article showing one or more skills learned, (cast on, knit, purl, bind off, overcast seam)

PHASE 2
One article showing one or more skills learned, (ribbing, stockinette stitch, increase, decrease, other seams)

PHASE 3
One article showing pick-up stitches.

PHASE 4
One article showing pattern stitch.

KNITTING WITH NEEDLES

PHASE 1
One article showing one or more skills learned, (cast on, knit, purl, bind off, overcast seam)

PHASE 2
One article showing one or more skills learned, (ribbing, stockinette stitch, increase, decrease, other seams)

PHASE 3
One article showing pick-up stitches.

KNITTING WITH LOOMS AND BOARDS

PHASE 1
One article showing one or more skills learned, (ribbing, stockinette stitch, increase, decrease, other seams)

KNITTING WITH MACHINES

PHASE 1
One article showing one or more skills learned, (ribbing, stockinette stitch, increase, decrease, other seams)

KNITTING WITH LOOMS AND BOARDS

PHASE 1
One article showing one or more skills learned, (ribbing, stockinette stitch, increase, decrease, other seams)

KNITTING WITH MACHINES

PHASE 1
One article showing one or more skills learned, (ribbing, stockinette stitch, increase, decrease, other seams)

FELTING KNITTING

PHASE 1
One article showing one or more skills learned, (ribbing, stockinette stitch, increase, decrease, other seams)

KNITTING WITH NEEDLES

PHASE 1
One article showing one or more skills learned, (cast on, knit, purl, bind off, overcast seam)

PHASE 2
One article showing one or more skills learned, (ribbing, stockinette stitch, increase, decrease, other seams)

KNITTING WITH LOOMS AND BOARDS

PHASE 1
One article showing one or more skills learned, (ribbing, stockinette stitch, increase, decrease, other seams)

KNITTING WITH MACHINES

PHASE 1
One article showing one or more skills learned, (ribbing, stockinette stitch, increase, decrease, other seams)
360 100 420 Non-wearable – toys or items for the home (pillow, holiday decoration, potholder, washcloth, blanket, etc.)
360 100 430 Hands For Larger Service – item or clothing to be donated to someone in need.

PHASE 5
One article showing mixed colors - Fair Isle pattern or bobbin knitting - no stripes (See "4-H Knitting Skills" 4-H 961L).

360 100 510 Wearable – garment or personal accessory (hat, purse, bag, scarf, etc.)
360 100 520 Non-wearable – toys or items for the home (pillow, holiday decoration, potholder, washcloth, blanket, etc.)
360 100 530 Hands For Larger Service – item or clothing to be donated to someone in need.

PHASE 6
Any one article showing skills learned, selected from the following options:
- Knitting with four needles
- Knitting combined with fabric or leather
- Knitted lace attached to article
- Garment made from pattern drafted to fit a specific person (submit drafted pattern with exhibit)
- Item made from member’s original design (include written instructions with exhibit)

360 100 610 Wearable – garment or personal accessory (hat, purse, bag, scarf, etc.)
360 100 620 Non-wearable – toys or items for the home (pillow, holiday decoration, potholder, washcloth, blanket, etc.)
360 100 630 Hands For Larger Service – item or clothing to be donated to someone in need.

KNITTING WITH LOOMS AND BOARDS

BEGINNING SKILLS (PHASES 1 & 2)
One article using beginning skills such as: cast on, e-wrap [twisted knit stitch], gathering or flat removal method, simple stripe color changes, flat or tubular shapes

360 200 110 Wearable – garment or personal accessory (hat, purse, bag, scarf, etc.)
360 200 120 Non-wearable – toys or items for the home (pillow, blanket, etc.)
360 200 130 Hands For Larger Service – item or clothing to be donated to someone in need.

EXPANDING SKILLS (PHASES 3 & 4)
One article showing skills in addition to the beginning skills such as: alternate cast on methods, crochet on, cable cast on, purl stitch, knit stitch, garter stitch, ribbing, increasing, decreasing, adding or joining tubes, combination round and flat shaped items

360 200 210 Wearable – garment or personal accessory (hat, purse, bag, scarf, socks, slippers, mittens, sweater, etc.)
360 200 220 Non-wearable – toys or items for the home (puppet, doll, stuffed animal, doll sweater, pillow, blanket, afghan, etc.)
360 200 230 Hands For Larger Service – item or clothing to be donated to someone in need.

ADVANCED SKILLS (PHASES 5 & 6)
Designs using multiple color(s), seed stitch, rice stitch, moss stitch, box stitch, single chevron, cables, basket weave or checkerboard patterns, creating eyelets or holes

360 200 310 Wearable – garment or personal accessory (hat, purse, bag, scarf, socks, slippers, mittens, sweater, etc.)
360 200 320 Non-wearable – toys or items for the home (puppet, doll, stuffed animal, doll sweater, pillow, blanket, afghan, etc.)
360 200 330 Hands For Larger Service – item or clothing to be donated to someone in need.

KNITTING WITH MACHINES
One article made using a knitting machine

360 200 410 Wearable – garment or personal accessory (hat, purse, bag, scarf, socks, slippers, mittens, sweater, etc.)
360 200 420 Non-wearable – toys or items for the home (puppet, doll, stuffed animal, doll sweater, pillow, blanket, afghan, etc.)
360 200 430 Hands For Larger Service – item or clothing to be donated to someone in need.

FELTED KNITTING
Items may be knitted using needles, looms, boards, or machines. Felting may be done by hand or washing machine (wet methods) and/or dry needle felting techniques.

360 300 110 Beginning – items made with beginning knitting skills using knit and/or purl stitches and single strands of yarn. Simple flat or tube shapes.
360 300 120 Expanding – items made with more expanded knitting skills including use of multiple strands of yarn, inclusion of non-felting yarns, changing colors, attaching simple handles or tabs, adding flat designs with needle felting, etc.
360 300 130 Advanced – items made incorporating more advanced knitting techniques including cables or more difficult knitting patterns, knitting in the round with four needles, I-cord for handles or design pieces, maintaining holes in knitted and felted item, attaching three dimensional design pieces, etc.

CROCHETING
Each member may enter up to three classes all in the phase in which they are enrolled and one class in Felted Crochet. To qualify for judging, a 4-H Crocheting Exhibit Explanation card must be securely attached to the exhibit. The card requests information about the exhibited item and skills learned in construction. Members must mark skills on the level in which they are enrolled. If they show skills beyond their level, they will not receive extra consideration. Forms are available at the county Extension office and on the State 4-H website: http://oregon.4h.oregonstate.edu/contest-materials-family-and-consumer-science.

Refer to "4-H Crocheting Project Members’ Guide" (4-H 962) for detailed information on specific skills to be learned in each phase. A pair of gloves, slippers, etc. is considered one article. Swatches are not acceptable. Judging criteria are outlined on the 4-H Crocheting Check Sheet (370-02) and Felting Score Card (261-03), both available from the County Extension office and on the State 4-H website at:
Each garment or article must be labeled with the member's name, county, and project phase. This label should be typed or printed in indelible ink on a piece of white fabric and sewn in or written with indelible ink on painters tape and placed where it can do the least amount of damage. If the exhibit has more than one piece, the pieces must each have a label and also be attached to each other. This label is in addition to the 4-H Crocheting Exhibit Card.

Items entered in HANDS FOR LARGER SERVICE should be donated to others following the County or State Fair. The member may pick up their item and give it to a charity them self, or they may ask the county Extension office to give it to a suitable charity.

To qualify for the State Wool Award yarn must be a minimum of 60% wool and no more than 40% other fiber.

PHASE 1
One article showing one or more of the following stitches: chain stitch, single crochet, double crochet or slip stitch.

370 100 110 Wearable – garment or personal accessory
(hat, purse, belt, gloves, etc.)
370 100 120 Non-wearable – toys or items for the home
(coasters, doilies, pillows, holiday decorations, etc.)
370 100 130 Hands For Larger Service – item or clothing
to be donated to someone in need.

PHASE 2
One article showing one or more of the following stitches: treble crochet, double treble, or V-stitch, may be in combination with stitches learned in Phases 1 & 2.

370 100 210 Wearable – garment or personal accessory
(hat, purse, belt, gloves, etc.)
370 100 220 Non-wearable – toys or items for the home
(coasters, doilies, pillows, holiday decorations, etc.)
370 100 230 Hands For Larger Service – item or clothing
to be donated to someone in need.

PHASE 3
One article showing one or more of the following stitches: open or filet mesh, block or solid mesh, long single stitch, shell stitch, shell stitch variation: may be in combination with stitches learned in a previous level.

370 100 310 Wearable – garment or personal accessory
(hat, purse, belt, gloves, etc.)
370 100 320 Non-wearable – toys or items for the home
(coasters, doilies, pillows, holiday decorations, etc.)
370 100 330 Hands For Larger Service – item or clothing
to be donated to someone in need.

PHASE 4
One article showing one or more of the following stitches: waffle (or rib) stitch, picot (Irish crochet), cluster, popcorn, star, puff stitch, may be in combination with stitches learned in a previous level.

370 100 410 Wearable – garment or personal accessory
370 100 420 Non-wearable – toys or items for the home
370 100 430 Hands For Larger Service – item or clothing
to be donated to someone in need.

PHASE 5
One article showing one or more of the following stitches:
Tunisian crochet, afghan stitch, hairpin lace, broomstick lace, other stitches made over a space holding tool.

370 100 510 Wearable – garment or personal accessory
370 100 520 Non-wearable – toys or items for the home
370 100 530 Hands For Larger Service – item or clothing
to be donated to someone in need.

PHASE 6
One article showing skills learned, select from the following options: item made from member’s original design (include written instructions with exhibit), crocheting combined with fabric or leather, item made with fine thread, item made with cloth strips instead of yarn, item with multi-colored patterns (jacquards) using charts (include copy of chart), garment made from pattern drafted to fit a specific person (submit drafted pattern with exhibit).

370 100 610 Wearable – garment or personal accessory
370 100 620 Non-wearable – toys or items for the home
370 100 630 Hands For Larger Service – item or clothing
to be donated to someone in need.

FELTED CROCHET
Felting may be done by hand or washing machine (wet methods) and/or needle felting (dry) techniques.

370 300 110 Beginning – items made with beginning crochet skills and single strands of yarn.
370 300 120 Expanding – items made with more expanded crochet skills including use of multiple strands of yarn, inclusion of non-felting yarns, changing colors, attaching simple handles or tabs, adding flat designs with needle felting, etc.
370 300 130 Advanced – items made incorporating more advanced crocheting techniques including more difficult patterns, maintaining holes in crocheted and felted item, attaching three dimensional design pieces, etc.

FASHION REVUE
Members must be enrolled in the clothing, knitting or crocheting project and model a garment made in the project or for the creative clothing class. They are limited to two garments per class, with a maximum of three exhibits. A 4-H member may enter the same garment or article in a Fashion Revue class and a clothing exhibit class, but is not required to do so. All Fashion Revue garments and Creative Clothing selection garments (except accessories such as gloves, jewelry, shoes, etc.) must be displayed at the fair even if they are not entered for exhibit class judging.

Judging criteria are outlined on the Style Revue Score Card (320-05) and in the 4-H Fashion Revue publication (4-H 920), available at the county Extension office or on the State website at http://oregon.4h.oregonstate.edu/contest-materials-conests.

All participants should bring a 4-H Fashion Revue Information Card and/or The Creative Clothing Information Form to judging. They must also bring a typed commentary (100-150 words) to be read when they model for the judges and during the public revue. The typed description should be on a regular 8.5” x 11” sheet of white paper in 14 pt. Times New Roman font. The information cards/forms will be mailed to the participants with the judging schedule.
prior to judging day. Additional cards/forms are available at the Extension office. Photos of participants in their garments are not required to be included with the Judges Information card, but are extremely helpful and are encouraged. Photos may be available to purchase on judging day. Members selected for the State Fair Fashion Revue will need to provide a photo for the judging process.

All members MUST participate in pre-fair Fashion Revue judging on entry day, Saturday, August 15. All garments MUST be completed and worn during both judging and Fashion Revue for the public. No one is allowed on stage with the participant during modeling judging or the public show unless they are also modeling a garment made by the participant.

The public Fashion Revue will be held on Saturday evening, August 22, at 5:00 pm with the orientation at 3:00 pm in the Exhibit Hall.

CREATIVE CLOTHING SELECTION is a contest that combines a 4-H member's consumer skills and sewing skills. The modeled outfit must include at least one piece of "up-dated" clothing. Whether purchased or recycled, the garment must be significantly remodeled or altered utilizing sewing techniques appropriate to the member's skill level. This is a county only contest and garments are not eligible for State Fair competition.

The member must have knowledge of how articles of the outfit work together. The judge will ask the member questions pertaining to their outfit. All participants must fill out a Creative Clothing information form available at the County Extension Office.

At State Fair a member CANNOT enter the same garment in an exhibit class and the fashion revue. Also, a member cannot enter more than one fashion revue contest at the State Fair in the same year.

Intermediate and Senior County Fair winners chosen to participate at State Fair must attend both days for Fashion Revue (Saturday, August 29 and Sunday, August 30). Additional information about State Fair contests can be found on the State 4-H website at: http://oregon.4h.oregonstate.edu/contest-materials-family-and-consumer-science.

Fill in blank in class number (_) with corresponding number for Junior, Intermediate or Senior.

1. Junior C
2. Intermediate
3. Senior

320 600 00(_), 340 191 110 C NP 4-H Cloverbuds - One of the above activities, Non Competitive.
330 710 00(_), C NP Creative Clothing (County Only)

DESIGNING SPACES

Members are encouraged to enter Educational Displays under the Communications division, enter Science experiments under the Science division (i.e. compare energy use with different types of lighting, water efficient products, use of landscape to heat or cool homes), and enter career exploration, hands for larger service, community outreach projects using designing spaces skills under the Citizenship and Leadership division.

Members may enter up to three classes, one exhibit per class.

In the Designing Spaces project, the items produced by the 4-H member are developed within the context of the over-all design/plan of a specific location. The classes align with the four elements of designing a space:

1. Designing a room
2. Furnishing a room
3. Finishing a room
4. Creating a healthy room environment

Judging criteria are outlined on the appropriate evaluation form: Furnishing & Finishing Spaces (340-01) and Designing and Making Healthy Designing Spaces (340-02). To qualify for judging, a 4-H Designing Spaces Exhibit Explanation card must be attached. The explanation card and evaluation forms are available at the Extension office or on the State 4-H website at: http://oregon.4h.oregonstate.edu/contest-materials-family-and-consumer-science.

In addition to the exhibit tag, each piece of an exhibit must be labeled on the back or bottom with the member's name county, and class number.

Note: Fill in blank in class number (_) with corresponding numbers for:

1. Junior
2. Intermediate
3. Senior

Designing a Space
340 100 11(_), Design board for a room. Include: color scheme, wall treatment, floor treatment, window treatment, etc. OR floor plan for a room. Posters (24"x30") or multimedia presentation (on CD). Show what you learned during the process with before and after pictures or diagrams, samples, story, cost comparisons, optional arrangements, etc.

Furnishing a Space
The functional items to furnish a room are made from new, recycled or refurbished items for a specific location, described in details on the explanation card.

340 100 12(_), Organizational/storage item for the furnishing of a room.
340 100 13(_), Functional textile item for the furnishing of a room. (i.e. curtains, rug, quilt).
340 100 14(_), Furniture item to furnish a room.
Finishing a Space
These finishing touches for a room are made from new, recycled or refurbished items for a specific location, described in detail on the explanation card.

340 100 15( ) Accessory for the walls of a room.
340 100 16( ) Accessory for the furnishings of the room (bed, dresser, etc.)
340 100 17( ) Accessory for seasonal use in a room.
340 100 18( ) Accessory for outdoor use.

Making a Healthy Space
340 100 19( ) Problem solving for a space. Identify a problem (as problem windows, storage needs, inconvenient room arrangement, cost comparison, energy conservation, waste management, etc.) Using poster, notebooks, multimedia presentation (on CD) or other method, describe the problem and how it was solved.

CHILD DEVELOPMENT
COUNTY ONLY CLASSES
Members may enter one class corresponding to their level. Members and clubs are encouraged to enter projects open to All Members where they can qualify for State Fair.

To qualify for judging, a 4-H Child Development Exhibit Explanation card must be securely attached to the exhibit and is available at the County Extension office and on the State 4-H website at: http://extension.oregonstate.edu/clackamas/4h/hearth.

Fill in the blank in the class number ( ) with the corresponding number for Junior, Intermediate, or Senior members:

1. Junior
2. Intermediate
3. Senior

310 100 01( ) C Article or item made by a member for use by/with a child or children.

FOODS AND NUTRITION
FOODS AND NUTRITION EXHIBITS
Each member may enter up to four classes based on the level in which they are enrolled, one exhibit per class. Only two classes may be food exhibits, the other two must be non-food exhibits (project poster or recipe collections). Only three exhibits will be eligible for state fair. All foods entered must be made by the exhibitor.

Exhibit ingredients:
- Exhibits must be suitable for keeping at the fair without excessive spoilage or change of appearance. Highly perishable foods are not acceptable. Highly perishable foods include, but are not limited to cream cheese, custard fillings, and meats of any type.
- Ingredients that the 4-H member cannot legally purchase, such as beer, whiskey, rum, etc. may not be used in any recipe or foods exhibit. Exhibits that include alcohol in the recipe will be disqualified. This includes menu and recipe file exhibits.
- Commercial mixes cannot be exhibited except as an ingredient in a product.

Preparation of exhibit:
- Exhibits must be displayed on a disposable plate and in a self-sealing bag.
- Exhibits must include the recipe and a menu for one meal including the food item. Recipes for food products should include all information given on the Exhibit Recipe Card (511-00) format. The recipes will not be returned to the exhibitor.
- When alternative ingredients are used, these are to be underlined on the recipe.
- All posters must include an Educational Display Exhibit Explanation Card (000-01).
- Forms are available at the Extension office and on the state 4-H website: http://oregon.4h.oregonstate.edu/contest-materials-family-and-consumer-science.

Judging criteria are outlined on the appropriate evaluation form:
- Cookie Evaluation Form (511-01)
- Cereal Marshmallow Bars Evaluation Form (511-02)
- Recipe Collection Exhibit Evaluation Form (511-03)
- Muffin Evaluation Form (511-04)
- Quick Bread Evaluation Form (511-05)
- Coffee Cake Evaluation Form (511-06)
- Scone Evaluation Form (511-07)
- Shortened Cakes Evaluation Forms (511-08)
- Yeast Breads & Dinner Rolls Evaluation Form (511-09)
- Focaccia Bread Evaluation Form (511-10)
- Sponge and Foam Cakes Evaluation Form (511-11)
- Pie Shell Evaluation Form (511-12)
- Special Pastries Evaluation Form (511-13)
- Food Gift Package Evaluation Form (511-14)
- Food and Nutrition Poster Evaluation Form (511-15)
- Career/Interview Evaluation Form (511-16)

Forms are available at the Extension office and on the state 4-H website: http://oregon.4h.oregonstate.edu/contest-materials-family-and-consumer-science.

Basic Skills Level 1 – Cooking 101 and Baking 1

511 110 000 Recipe of the Year Class: Healthy Carrot Cake Cookies – must use recipe from OSU Food Hero website: http://foodhero.org/recipes/healthy-carrot-cake-cookies. Exhibit two cookies.

511 110 010 Cookies: Exhibit two cookies. No frosting, icing, or glaze.

511 110 020 Cereal Marshmallow Bars (must use recipe from Cooking 101, pg. 34): Exhibit two bars. No frosting, icing, or glaze.

511 110 030 Muffin: Muffin method of mixing generally means that the fat is in a liquid form (like oil) and all liquids are added to the dry ingredients with a minimum amount of stirring. Exhibit two muffins. No frosting, icing, or glaze.

511 110 040 Biscuit: Biscuit method of mixing generally means that the fat is semi-solid (like butter/shortening) and cut into the dry ingredients before liquid is added. The dough may be beaten or kneaded for a few strokes. Exhibit two biscuits. No frosting, icing, or glaze.

511 110 160 Muffin – Baked Food Product reflecting alternative dietary choices: Recipe for the food product has been chosen specifically to address choice or altered significantly to now reflect needs for an alternative diet, such as gluten free, sugar substitute, vegetarian, vegan, reduced fat, etc. Underline alternative ingredient(s) in the recipe. Exhibit two muffins. No frosting, icing, or glaze.
511 111 110  Poster showing and explaining something you have made, done, or learned in your Foods & Nutrition project. Poster must not exceed 24" x 30".

511 111 120  Favorite Recipe Collection with five recipes of foods that you have prepared. Write current year in upper right hand corner of each recipe. Cards or recipes must be in front of file or designated (paper clips, tabs, etc.) throughout the collection for ease in judging. Recipe collection can be in a file box or in recipe book form. Pen, pencil, typed, or printed is acceptable as long as required elements are on the recipe. Follow specific guidelines on check sheet. Adding decorative items to recipes is optional and is not a part of the judging process.

Basic Skills Level 2 – Cooking 201 and Baking 2

511 120 000  Recipe of the Year Class: Buttermilk Scones – Must use recipe from OSU Food Hero website: http://foodhero.org/recipes/buttermilk-scones-0. Exhibit two individual items.

511 120 010  Cookies: Exhibit two cookies. No frosting, icing, or glaze.

511 120 020  Basic Nut Bread (must use recipe in Cooking 201 book, pg. 48 – no variations): Exhibit ¼ of a loaf. No frosting, icing, or glaze.

511 120 030  Non-Yeast Coffee Cake: Coffee cake is to be made with a muffin method of mixing. Muffin method of mixing generally means that the fat is in a liquid form (like oil) and all liquids are added to the dry ingredients with a minimum amount of stirring. Exhibit ¼ of the cake. No frosting, icing, or glaze.

511 120 040  Scone: Scone is to be made with a biscuit method of mixing. Biscuit method of mixing generally means that the fat is semi-solid (like butter/shortening) and cut into the dry ingredients before liquid is added. The dough may be beaten or kneaded for a few strokes. Exhibit two scones. No frosting, icing, or glaze.

511 120 160  Quick Bread – Baked Food Product reflecting alternative dietary choices: Recipe for the food product has been chosen specifically to address choices or altered significantly to now reflect needs for an alternative diet, such as gluten free, sugar substitute, vegetarian, vegan, reduced fat, et. al. Underline alternative ingredient(s) in the recipe. Exhibit two individual items or ¼ of a large item.

511 122 110  Poster showing and explaining something you have made, done, or learned in your Foods & Nutrition project. Poster must not exceed 24" x 30".

511 222 120  Favorite Recipe Collection with five recipes of foods you have prepared, using ingredients grown in the Pacific Northwest. Write current year in upper right hand corner of each recipe. Cards or recipes must be in front of file or designated (paperclips, tabs, etc.) throughout the collection for ease in judging. Pen, pencil, typed or printed is acceptable as long as required elements are on the recipe. Recipe collection can be in a file box or in recipe book form. Follow specific guidelines on check sheet. Adding decorative items to recipes is optional and is not a part of the judging process.

Expanding Skills Level 3 – Cooking 301 and Baking 3

511 130 000  Recipe of the Year Class: Dakota Bread (must use recipe from Baking 3, pg. 22). Exhibit ¾ of the item.

511 130 010  Shortened Cakes (cakes with fat): No commercial mixes; No fillings or toppings (i.e. frosting, icing, glaze, powdered sugar, fruit, or nuts). Exhibit two individual items or ¼ of a large item.

511 130 020  Basic Dinner Rolls (must use recipe from Cooking 301, pg. 40) May be shaped into cloverleaf, crescent, knot, bun, bread stick, or any other type of roll. Exhibit two rolls.

511 130 030  Yeast Bread product, plain dough using all white flour. Exhibit ¼ of a loaf.

511 130 040  Yeast Bread product, plain dough using all whole wheat flour. Exhibit ¼ of a loaf.

511 130 050  Yeast Bread product, plain dough using an alternative grain. Exhibit ¼ of a loaf.

511 130 060  Yeast Bread product, plain dough using a combination of flours. Exhibit ¼ of a loaf.

511 130 070  Yeast Bread product (using any type of flour) with added non-perishable ingredients (i.e. herbs, nuts, dried fruit, etc.) Exhibit ¼ of a loaf.

511 130 080  Family Food Traditions. Any baked item associated with family tradition and heritage. Entry must include:
   a) Recipe,
   b) Tradition or heritage associated with preparing/serving the food, and
   c) Where or who the traditional recipe came from.

Exhibit at least ¼ of baked product or two muffins, cookies, pita, tortillas, etc.

511 133 110  Poster showing and explaining something you have made, done, or learned in your Foods & Nutrition project. Poster must not exceed 24" x 30".

511 133 120  Favorite Recipe Collection with ten recipes of foods you have prepared, using a variety of grain products. (Examples: granola, rice pudding, bulgur salad, pizza) Write current year in upper right hand corner of each recipe. Cards or recipes must be in front of file or designated (paperclips, tabs, etc.) throughout the collection for ease in judging. Pen, pencil, typed or printed is acceptable as long as required elements are on the recipe. Recipe collection can be in a file box or in recipe book form. Follow specific guidelines on the check sheet. Adding decorative items to recipes is optional and is not a part of the judging process.

511 133 130  Photo series or pictorial story depicting hunted or harvested foods of the Pacific Northwest from harvest to table. Series may include up to twenty color photos. Pictures or drawings of one theme on one story board, not to exceed 24" x 30". Please note if some of the photos were taken by someone else. Exhibits will be judged on the exhibitor’s ability to creatively depict a story and not on their photography drawing ability.

Advanced Skill Level 4 – Cooking 401 & Baking 4

511 140 000  Recipe of the Year Class: Single Pie Crust (must use recipe from Baking 4, pg. 21). Exhibit ¾ of the item.

511 140 010  Foam Cakes (Angel Food, Sponge, Chiffon). No commercial mixes; No fillings or toppings (i.e. frosting, icing, glaze, powdered sugar, fruit or nuts). Exhibit two individual items or ¼ of a large item.

511 140 020  Focaccia Bread (must use recipe from Cooking 401, pg. 22). Exhibit ¼ of item.

511 140 030  Yeast Bread product, plain dough using all white flour. Exhibit ¼ of a loaf.

511 140 040  Yeast Bread product, plain dough using all whole wheat flour. Exhibit ¼ of a loaf.

511 140 050  Yeast Bread product, plain dough using an alternative grain. Exhibit ¼ of a loaf.
511 140 060 Yeast Bread product, plain dough using a combination of flours. Exhibit ¼ of a loaf.
511 140 070 Yeast Bread product (using any type of flour) with added non-perishable ingredients (i.e. herbs, nuts, dried fruit, etc.) Exhibit ¼ of a loaf.
511 140 080 Yeast Bread product using special shaping. Exhibit two individual items or ¼ of a large item.
511 140 090 Specialty Pastry. Baked items such as pie tarts, puff pastry, phyllo doughs, scones, biscotti, choux, croissants, Danish, strudels. Phyllo dough must be made from scratch. Pastries made with cream or egg based fillings will be disqualified. Exhibit two individual items.
511 140 140 A Gift Package with homemade foods featuring up to five Pacific Northwest products. At least two foods must be made by the exhibitor and feature Pacific Northwest products. Gift package can be in a box or basket not to exceed 18” x 24”. Exhibit must include a breakdown of costs incurred in preparing the gift package, including items on hand or recycled. Baked items should be at least two of a small or ¼ of a large food. Include recipes on 5” x 8” on card or paper. Include to whom the gift is intended and for what occasion. Criteria for judging will include creativity, cost (value), food safety, and nutrition.
511 140 160 Baked Food Product (from any exhibits in Level 4) reflecting alternative dietary choices. Recipe for the food product has been chosen specifically to address choices or altered significantly to now reflect needs for an alternative diet, such as gluten free, sugar substitute, vegetarian, vegan, reduced fat, et. al. Underline alternative ingredient(s) in the recipe. Exhibit two individual items or ¼ of a large item.
511 444 010 Poster showing and explaining something that you have made, done, or learned in your Foods & Nutrition project. Poster must not exceed 24” x 30”.
511444020 Favorite Recipe Collection with fifteen recipes of foods you have prepared. Ten recipes should be vegetable and fruit recipes. Five recipes should be one-pot meals using or demonstrating knowledge of various kitchen appliances (examples: microwave, wok, electric skillet). Write current year in upper right hand corner of each recipe. Cards or recipes must be in front of file or designated (paperclips, tabs, etc.) throughout the collection for ease in judging. Recipe collection can be in a file box or in recipe book form. Pen, pencil, typed, or printed is acceptable as long as required elements are on the recipe. Follow specific guidelines on check sheet. Adding decorative items to recipes is optional and is not a part of the judging process.
511 444 030 Cooking Up a Career. Find someone you know who works in a catering business, local restaurant, health care food service, food scientist, works as a Registered Dietitian, or any other food or nutrition related industry.
   • What do they do?
   • How much education do they need?
   • Why did they choose this profession?
   • What is the most enjoyable thing about their chosen profession?
Maximum of two pages, one sided write up of an interview. Consider creativity and neatness. Mount on a 9” x 12” colored paper or poster board, or display in clear plastic binder. Include a picture of the person interviewed. (May be laminated to see contents. Include jar rings on all canned products. Jars may be opened during the judging process. For this reason we suggest you use smaller jars for your fair exhibits (example 4 oz. jars for jams and jellies, half pints and pint jars for other products.) Larger jars will be accepted. Opened jars will be returned but should not be consumed. Any jars that have been opened at County Fair and qualified for State Fair must be replaced with an unopened jar for state competition. Members are encouraged to bring two jars so that the opened one can be taken home for immediate use.

Make sure to follow the approved processing times listed for your product. Dried foods should be exhibited in jars or sturdy plastic bags, with labels securely attached.

Judging criteria are outlined on the 4-H Canned Fruit and Vegetable Check Sheet (512-04) 4-H Canned Meat and Fish Check Sheet (512-05), 4-H Dried foods Check Sheet (512-06), 4-H Jam Check Sheet (512-01), 4-H Jelly Check Sheet (512-02), 4-H Pickles and Relishes Check Sheet (512-03), and a NEW 4-H Gift Pack Check Sheet (512-08) are available at the Extension office or on the State 4-H website: http://oregon.4h.oregonstate.edu/contest-materials-family-and-consumer-science.

Note: Fill in blank in class number (_) with corresponding numbers for:
1. Junior
2. Intermediate
3. Senior

Junior Division
Members in this division can choose to exhibit any of the products listed below by placing a “1” in the last digit of the class number. Starred (*) items are suggested as beginning exhibits for first year juniors.

512 111 01(_ ) *Canned fruit or berries. One jar of fruit or berries processed in a boiling water canner.
512 111 02( ) *Canned Tomatoes. One jar of tomatoes processed in a boiling water canner.

512 111 03( ) Canned tomato sauce, juice, or ketchup. One jar of canned tomato sauce (plain or flavored), tomato juice or tomato vegetable juice blend, or ketchup processed in a boiling water canner.

512 111 04( ) Canned tomato based salsa. One jar of canned tomato based salsa. Jars must be sealed by processing in a boiling water canner.

512 111 05( ) Canned fruit based salsa. One jar of canned fruit based salsa. Jars must be sealed by processing in a boiling water canner.

512 111 06( ) Relish. One jar of cucumber relish. Jars must be sealed by processing in a boiling water canner.

512 111 07( ) Relish. One jar of relish, other than cucumber. Jars must be sealed by processing in a boiling water canner. Examples include zucchini relish, corn relish, and chutneys, other chopped fruit and vegetable based products that include acidification.

512 111 08( ) Canned pie filling. One jar of canned pie filling thickened with Clear-Jel®.

512 111 09( ) Fruit Sauce. One jar of canned fruit sauce without a thickener. Examples include apple sauce.

512 111 10( ) *Cooked jam – commercial pectin. One jar of cooked jam using commercial pectin. Jars must be sealed by processing in a boiling water canner.

512 111 11( ) *Cooked jelly – commercial juice & pectin. One jar of cooked jelly using commercially available juice and pectin. Jars must be sealed by processing in a boiling water canner.

512 111 12( ) Quick cucumber pickles. One jar of cucumber quick pickles. Jars must be sealed by pasteurization or processing in a boiling water canner.

512 111 13( ) Quick pickles other than cucumbers. One jar of canned fruit or vegetable quick pickles. Examples include crab apple, watermelon, dilled green beans, etc. Jars must be sealed by processing in a boiling water canner.

512 111 14( ) *Fruit leather. Four rolled pieces (about one inch wide) of one flavor of fruit leather.

512 111 15( ) *Dried fruit. About one-half cup of dried pieces of fruit (not leather).

512 111 16( ) *Dried vegetable. About one-quarter cup of dried pieces of vegetable.

512 111 17( ) *Dried herbs. About ½ - ½ cup of dried herbs.

512 111 18( ) *Dried herb seasoning combination. About 1 tablespoon of dried herb seasoning combination.

Intermediate and Senior Division
Members in these divisions can choose to exhibit any of the products listed under the Junior division by placing a “2” in the digit of the class for Intermediate, or a “3” in the last digit of the class number for Seniors. They can also choose from any of the following exhibits.

512 111 21( ) Cooked jelly – extracted juice. One jar of cooked jelly using juice the member has extracted. Jars must be sealed by processing in a boiling water canner.

512 111 22( ) Cooked jelly or jam – without commercial pectin. One jar of cooked jelly or jam made without added commercial pectin. Jelly must use juice extracted by the member. Jars must be sealed by processing in a boiling water canner.

512 111 23( ) Syrup or juice. One jar of juice or syrup made from the juice that the member has extracted. Jars must be sealed by processing in a boiling water canner.

512 111 24( ) Fermented pickles or sauerkraut. One jar fermented (brined) pickles or sauerkraut. Jars must be sealed by processing in a boiling water canner.

512 111 25( ) Canned vegetables or tomatoes. One jar of canned vegetables or tomatoes processed in a pressure canner.

512 111 26( ) Canned meat or poultry. One jar of canned meat or poultry processed in a pressure canner.

512 111 27( ) Canned fish. One jar of canned fish processed in a pressure canner. Fish products should be exhibited in pint or half pint jars.

512 111 28( ) Canned combination dish. One jar of canned combination dish processed in a pressure canner. Examples include chili, soup, baked beans, etc.

512 111 29( ) Dried meat or poultry jerky. Four 1 inch by 3 inch pieces of one type of jerky. Meat jerky (beef, venison, or poultry) should follow the recommendations for preparation in *Making Jerky at Home Safely*, PNW 632, May 2012.

**GIFT PACKS**

512 111 301 Junior Gift Pack. One gift package including two different products from Junior Division of preservation methods. Each preserved product must have a 4-H Food Preservation Explanation card. The gift pack may also include products made or purchased by exhibitor to complete the theme. Indicate for whom the gift is intended and for what occasion. (Example: A housewarming gift for new neighbors.)

512 111 302 Intermediate Gift Pack. One gift package including three different preserved products. Use two or more preservation methods. Methods from the junior and intermediate/senior divisions may be used. Each preserved product must have a 4-H Food Preservation Explanation Card. The gift pack may also include products made or purchased by exhibitor to complete the theme. Indicate for whom the gift is intended and for what occasion. (Example: A housewarming gift for new neighbors.)

512 111 303 Senior Gift Pack. One gift package including three or more different preserved products. Use two or more preservation methods. Methods from the junior and intermediate/senior divisions may be used. Each preserved product must have a 4-H Food Preservation Explanation Card. The gift pack may also include products made or purchased by exhibitor to complete the theme. Indicate for whom the gift is intended and for what occasion. (Example: A housewarming gift for new neighbors.)

**FOOD PREPARATION CONTESTS**

State Fair qualifying contests will be held during County Fair. Additional Information about State Fair contests can be found on the State 4-H website at: http://oregon.4h.oregonstate.edu/exhibit-building-contests.

Complete rules for all classes can be found in the Clackamas County Leaders Guide to Foods and Nutrition Contests, available online at http://extension.oregonstate.edu/clackamas/4h/hearth/foodcontestguide.

**GENERAL RULES FOR ALL FOOD CONTESTS**

1. Participants must be currently enrolled in Foods and Nutrition and/or Food Preservation project areas.
2. Contact Superintendent for a list of SPECIAL AWARDS.
3. Participants are to use different recipes each year.
4. “COUNTY ONLY” contests are marked with a “C.” ALL JUNIOR DIVISION classes are all "County Only" but are still eligible to receive premiums.
FOODS OF THE PACIFIC NORTHWEST CONTESTS

1. All participants will have one hour (start to finish) for set-up, preparation, and clean-up (excluding proofing time, if needed). Participants must provide all ingredients and equipment except range, microwave oven, and refrigerator.

2. Participants should prepare one recipe, one batch, etc. of food product, using at least two foods representative of the Pacific Northwest. Participants should select a food product that can be prepared within the time limit. For food safety, finished dishes prepared at home may not be brought and served at fair. Only yeast products which require proofing will be allowed extra time. Proofing time is done with members out of the kitchen. Participants should not prepare the same recipe more than one year.

3. The use of alcoholic beverages that would be unlawful for a minor to purchase or possess, is not permitted.

4. The food prepared must be displayed on a serving platter or tray, or in a dish, bowl, basket, etc. Participants must also display one place setting of the table service that would be used in serving the food at a meal (include plates, tableware, napkin, glasses, tablecloth, placemat, or whatever is appropriate). A card table will be available for each display. A centerpiece may be included if the participant wishes, but is not required.

5. Participants will serve samples of the food to the judge and the public. The Fair will provide paper plates and plastic utensils. In addition, all participants will provide 6 copies of the recipe(s) used for the public to take.

6. All participants must provide the judge with 1 copy of the "Judges Information Form", available from the county Extension office. The judge will also ask questions, (interview the participant), regarding the Pacific Northwest food used, i.e. nutritive value, region produced, or season when most plentiful after the food is prepared and served for the judge. (Level of knowledge expected depends on age of participant)

7. All participants must provide a poster (approximately 22" x 30") of the recipe to display in the preparation area. Posters must include source(s) of recipes. Judging criteria are outlined in the newly revised 4-H Food and Nutrition Contest Score Sheet (511-07), available at the county Extension office or on the State website at: http://oregon.4h.oregonstate.edu/contest-materials-contests.

JUNIOR DIVISION
Foods of the Pacific Northwest Contests
4-H member may enter one contest, plus one Mini-Meal (if desired). In addition, the member can select any or all of the "County Only" contests.

511 601 011 C One food product chosen from: Fruit or Vegetable Dish, Salad, Sandwich, Grain Product, Yeast Product, Dairy Product, or Main Dish

INTERMEDIATE, DIVISION
Foods of the Pacific Northwest Contests
4-H member may select up to 2 contests plus one Mini-Meal. In addition, member can select any or all "County Only" contests.

511 601 012 One food product chosen from: Fruit or Vegetable Dish, Salad, Sandwich, Grain Product, Yeast Product, Dairy Product, or Main Dish.

SENIOR DIVISION
Foods of the Pacific Northwest Contests
4-H member may select up to 2 contests plus one Mini-Meal. In addition, member can select any or all "County Only" contests.

511 601 013 One food product chosen from: Fruit or Vegetable Dish, Salad, Sandwich, Grain Product, Yeast Product, Dairy Product, or Main Dish

MINI-MEAL CONTEST
There are three divisions in the contest: Junior, Intermediate and Senior. Within those divisions there are individual and team classes. Teams will consist of two members. If one team member is a junior and the other an intermediate, the mini-meal should be entered in the junior division. If one team member is a senior and the other an intermediate, the mini-meal should be entered in the senior division.

4-H members enrolled in the Food and Nutrition and Food Preservation projects may have one entry in each division as long as different dishes are prepared for each. Each participant (or team) must prepare only two dishes. One must be a main dish and the other can be any other food which would either (a) make an entire meal if served together, or (b) be part of a larger meal if other foods were included.

The meal might be a breakfast, lunch, dinner, brunch, buffet supper, snack meal, party meal, etc. Members can utilize food products they have preserved. Judging criteria are outlined on the newly revised 4-H Food and Nutrition Contest Score Sheet (40-457), available at the county Extension office or on the State website at: http://oregon.4h.oregonstate.edu/contest-materials-contests.

The following items apply to each division and class:

1. Juniors will have one and one-half hours, Intermediates and Seniors will have two hours (start to finish) for set-up, preparation, and clean-up. Participants must provide all ingredients and equipment except range, microwave oven, and refrigerator. For food safety, finished dishes prepared at home may not be brought and served at fair.

2. Participants will serve samples of the food to the judge and the public. The Fair will provide paper plates and plastic utensils. Participants must also display one place setting of the table service, which would be used in serving the food at a meal (include plates, tableware, napkin, glasses, tablecloth, placemat, or whatever is appropriate). A card table will be available for each display. A centerpiece may be included if the participant wishes, but is not required.

5. Participants will serve samples of the food to the judge and the public. The Fair will provide paper plates and plastic utensils.

6. All participants must provide the judge with 1 copy of the "Judges Information Form", available online or from the county Extension office. The judge will also ask questions, (interview the participant), regarding the Pacific Northwest food used, i.e. nutritive value, region produced, or season when most plentiful after the food is prepared and served for the judge. (Level of knowledge expected depends on age of participant).

7. All participants must provide a poster (approximately 22" x 30") of the recipe to display in the preparation area. Posters must include source(s) of recipes and have an "Exhibit Tag" attached to the bottom right hand corner of the poster. The poster will remain at County Fair until closing on Sunday.

8. Participants are expected to leave the kitchens clean. This will be part of the judge’s evaluation.

511 602 011 C Junior Mini-Meal
511 602 021 C Junior Mini-Meal, Team
511 602 012 Intermediate Mini-Meal
511 602 022 Intermediate Mini-Meal, Team
511 602 013 Senior Mini-Meal
511 602 023 Senior Mini-Meal, Team
Iron Chef Competition

The 4-H Iron Chef Competition is an opportunity for members to show their food preparation skills and creativity by working as a team of 2 to 3 members in a competition. Members will prepare two dishes that incorporate a mystery ingredient provided at the contest. A panel of judges will evaluate the final product for taste, plating (appearance of presentation) and originality/food safety. Teams may be made up of any intermediate or senior members who have participated in a Foods and Nutrition project.

The day and time for a County Fair competition will be set once the teams have registered. The County Fair competition will have three judges.

Iron Chef Competition Rules
1. Participants will have 60 minutes to complete two dishes (i.e. appetizer, soup, salad, main entrée, dessert).
2. The contest kitchen will provide the mystery ingredient, range, microwave oven and refrigerator. Participants must provide all other ingredients, recipes, individual serving dishes for judges and equipment. For food safety reasons finished dishes prepared at home may not be brought and served at fair.
3. Each course should emphasize/showcase the mystery ingredient.
4. The team should prepare and plate three servings of each dish. Samples will not be served to the public unless there is extra. Pay special attention to portion sizes, judges will be eating multiple dishes, so portions should be petite.
5. The use of alcoholic beverages that would be unlawful for a minor to possess is not permitted. In addition all fire/health/safety codes should be followed (i.e. no open flames, must wear shoes).
6. The names of two possible mystery ingredients will be given to the team two weeks prior to the contest. The actual mystery ingredient will be announced to the judges and team just prior to entering the kitchen.
7. The food prepared must be plated for the three judges and served to each at the same time. The second food must be served on a separate plate for each judge.
8. Participants are expected to leave the kitchen clean. This will be part of the judges’ evaluation.
9. Each of the three judges will award up to a maximum of 50 points to each team. The contest is not judged by the Merit Method of judging.

    20 points maximum for taste
    15 points maximum for plating (appearance of presentation)
    10 points maximum for food safety
    5 points maximum for originality

511 603 022 NP Intermediate/Senior Iron Chef Competition

FOODS AND NUTRITION, SPECIAL CONTESTS,
COUNTY FAIR ONLY
(Open to all Foods and Nutrition members)

For guidelines on all the following contests, refer to the Leader’s Guide to Foods and Nutrition Contests. The guide is available on the Clackamas County 4-H website: http://extension.oregonstate.edu/clackamas/4h/hearth/foodcontestguide. Guidelines will also be available at the All-Leaders meeting, from your leader, or from the department superintendent.

You must pre-register for all contests.

MONSTER COOKIE CONTEST
Individually scheduled after registration

511 700 031 C NP Monster Cookie Contest, Junior
511 700 032 C NP Monster Cookie Contest, Intermediate
511 700 033 C NP Monster Cookie Contest, Senior

TABLE SETTING CONTEST
For guidelines for this contest, refer to the Leader’s Guide to Foods and Nutrition Contests, online at: http://extension.oregonstate.edu/clackamas/4h/hearth/foodcontestguide. There is no set theme for the contest. You must pre-register for all contests.

Juniors: All participants in the Table Setting Contest will set up on Tuesday, August 18, from 9:00 – 10:30 am. Members will not be required to be present for judging but will be able to talk to the judge if they are present at 10:30. Exhibits must be taken down between 4:00 pm – 8:00 pm on Wednesday, August 19.

Intermediates: All participants in the Table Setting Contest will set up on Thursday, August 20, from 9:00 – 10:30 am. Members will not be required to be present for judging but will be able to talk to the judge if they are present at 10:30. Exhibits must be taken down between 4:00 pm and 8:00 pm on Friday, August 21.

Seniors: All participants in the Table Setting Contest will set up on Saturday, August 22, from 9:00 – 10:30 am. Members will not be required to be present for judging but will be able to talk to the judge if they are present at 10:30. Exhibits must be taken down between 1:00 pm and 4:00 pm on Sunday, August 23.

511 700 441 C NP Junior
511 700 442 C NP Intermediate
511 700 443 C NP Senior

4-H EXHIBIT HALL SPECIAL AWARDS – Please see the Extension Office website for a list.
We appreciate our donors who sponsor these awards.