

**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.

**4-H Exhibit tags must be attached to the lower right-hand corner of the exhibit.**

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

- 1 Junior**  
**2 Intermediate**  
**3 Senior**  
**4 Club (for Scavenger Hunt class only)**

**241 100 01\_Landscape** - 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 a person or people in formal or informal settings

**241 100 03\_Animals** - single image featuring one or more animals

**241 100 04\_Plants** - single image featuring plants, flowers, leaves, 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\_Texture** - single image featuring the texture(s) of an object or subject, with emphasis on use of light, angle, and composition

**241 100 08\_Still Life** - single image featuring an arrangement of 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\_Series or Story** - multiple print images (maximum 20) 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. Both the original image and the final image must show on the front of the exhibit. 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. I.e.: camera angle, light, subject placement, filters, focus alterations, etc. Must include an explanation of the special effect techniques 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 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 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; all on one 16" x 20" mount). Images should demonstrate the chosen subjects or

techniques from the list below. Label each image with the represented subject or technique. Select from these possibilities:

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

**241 100 18\_Selfie (or Self Portrait)** – single image of the photographer made by the photographer. May include others in the photo. Photo should “memorialize” a time and/or place for the photographer and an explanation MUST be included on the entry card.

#### Innovation Class

This class is for intermediate and senior 4-H members to share a creative and in innovative exhibit that does not fit well in the other classes. Often these exhibits will include a technological component. The exhibit must be related to the project but is otherwise open for you to share your skills and talents. Examples may include the use of technology to add another dimension to your project such as illumination or interactivity. Or it may be a creative writing relating to the project, or a blog where you share your learning and project work adventure.

**241 900 112 Intermediate photography innovation class**  
**241 900 113 Senior photography innovation class**

#### 2017 CELEBRATE OUR WORLD: JAPAN

To celebrate the diversity in our world, each year the Oregon 4-H project areas will focus attention on the cultures of a different country or region of the world. This special emphasis allows members to focus on learning about the country/region and the skills and techniques unique to that culture.

**241 800 112 Intermediate Celebrate our World inspired photography project**

**241 800 113 Senior Celebrate our World inspired photography project**

#### CAKE DECORATING

Members may enter up to **two** classes (no more than one entry per class number). Senior and Intermediate Members may also enter one exhibit in the Celebrate our World Class.

**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. Exhibits must be packaged in a box, by the exhibitor, for easy transport. Cake boxes or other cardboard boxes utilized should be close in size to the exhibit and be packed for stacking and handling.

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.

To qualify for judging, a fully completed 4-H Expressive Arts Exhibit Explanation (231-01) card or a 4-H Educational Display Explanation card (214-200) 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/node/1854>

Judging criteria are outlined on the 4-H Cake Decorating Project Evaluation Form found at, <http://oregon.4h.oregon>

[state.edu/node/1854](http://oregon.4h.oregonstate.edu/node/1854)

#### Cake Decorating

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

#### Phase 1, demonstrate use of 3 tips

**236 101 010 Decorated Flat Cookie**—a decorated 4"-6" cookie, any shape

**236 101 020 Decorated Flat Cake Design**— decorate an 8"x12" design on a 9/2"x13 1/2" 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.

**236 101 030 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

**236 102 010 Decorated Cupcake**—a decorated cupcake

**236 102 020 Decorated Flat Cake Design**— decorate an 8"x12" design on a 9/2"x13 1/2" flat board wrapped in wax paper. Decorate this space as if it was the top of a cake. The design should include proper use 4 different tips: writing tip, leaf tip, star tip, and petal tip.

**236 102 030 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

**236 103 010 Decorated 8" Layer Cake** – a decorated 8" round Styrofoam cake form

**236 103 020 Decorated Flat Cake Design**— decorate an 8"x12" design on a 9/2"x13 1/2" 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.

**236 103 030 Educational poster**—showing or explaining something you have made, learned or did in your cake decorating project. Posters must not exceed 22" x 30".

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**236 800 112 Intermediate Celebrate our World inspired cake decorating project**

**236 800 113 Senior Celebrate our World inspired cake decorating project**

#### 4-H SCIENCE, ENGINEERING & TECHNOLOGY PROJECTS

##### Science

Open to all 4-H members regardless of project enrollment. The exhibit may be a poster or a three-dimensional display. Individual three dimensional exhibits are limited in size to 48" wide (measured when lying flat), 24" deep (front to back), and 36" high. Club exhibits are limited in size to 60" wide, 24" deep and 36" high. Posters are limited in size to 30" by 24". Exhibits may include pictures, models, diagrams and actual articles if they meet 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
- Any liquids
- Aerosol bottles or other pressurized gases
- Glass
- Hazardous substances
- Sharp items

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 from the county Extension Office or the state 4-H website at <http://oregon.4h.oregonstate.edu/node/1853>

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. Each piece of an exhibit must have name, county and class numbers 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.

**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**

Description: 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?), (2) the data collection or observation method (How was it collected/observed), (3) a report of the data collected or observations made, (4) an analysis of the data collected or observations made (How do you interpret the data and evidence?), (5) 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 a graph or other visual representation of the data.

#### Technology AEROSPACE

Each exhibit piece must be labeled with the member's name, county and class number. If more than one article is contained in the exhibit each article must be labeled with the member's name, county and class number. This may be done with masking tape, attaching an index card, or writing directly on the back with a marker. All the articles that comprise the exhibit must be 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.

Each exhibit must include the current year's edition of the appropriate Project Description for the exhibit form filled out neatly and securely attached to the exhibit. 4-H Project Description sheets are posted at <http://oregon.4h.oregonstate.edu/node/1858>. Be sure to use the newest version of the Project Descriptions for each technology exhibit. Exhibitors should answer the description page carefully and in full sentences. This is the exhibitor's opportunity to tell the judge about their project. Judging Evaluations can be found at: <http://oregon.4h.oregonstate.edu/node/1858>. These provide valuable information to youth on creating their project displays.

#### Aerospace

##### Stage 2

**851 100 010 Rocketry**  
**851 100 020 Educational Poster- Aerospace**  
**Stage 3**

**851 101 010 Rocketry**  
**851 101 020 Educational poster- Aerospace**  
**Stage 4**

**851 102 010 Rocketry**  
**851 102 020 Education poster- Aerospace**