4-H Project Demonstrations
For 4th & 5th Grade Members

Join the fun! Share your skills! Presenting a demonstration gives you a chance to share something you have learned with your class. Be sure it is a teaching moment.

**Guidelines to Follow**

1. In a demonstration you should both show and tell how to do something related to a 4-H project. You may also show how to make something or how something works. Be sure to look at our handout of 4-H projects and demonstration ideas. Choose a topic that is neither too complicated nor too simple.

2. All 4-H members MUST do individual demonstrations. No partners allowed.

3. Both posters and project materials (props) must be used in a demonstration along with the spoken script.

4. Do Not use live animals or babies. Do Not use audience participation. Do Not use videos, DVDs, or power point programs. Do Not use tri-fold boards instead of posters.

5. Do Not demonstrate volcanoes, “gak” or “goop”, simple sandwiches, slice and bake cookies, lava lamps, or paper-folding (origami) crafts. They are too simple or too messy.

6. Your demonstration should be between 3 and 5 minutes long.

7. A good demonstration has three main parts: Introduction, Body and Summary.

**Steps in Planning and Giving a Demonstration**

1. **Planning**
   a. Choose one simple idea that you are comfortable teaching which fits into a 4-H project.
   b. First plan the Body by listing steps involved in the demonstration. Write an explanation to go with each step.
   c. Outline an explanation to go with the steps.
   d. Make a list of all materials and equipment needed.

2. **Preparation**
   a. Secure the necessary materials.
   b. Make a minimum of 3 posters (NOT tri-fold boards) to illustrate your talk:
      - Title Poster
      - Supplies Poster - or list of ingredients or materials
      - Directions Poster - or steps to follow
   c. Posters should have letters and pictures large enough to be seen across the classroom.
      - Letters on title posters should be 2-3 inches high. Letters on other posters
should be around $\frac{3}{4}$ - 2 inches high.
- Block letters are easiest to read. All letters on one poster should be the same color for ease of reading.
- Posters may be on white or colored poster board but **MUST be 14 x 22 inches in size (1/2 of poster board).** Use dark colors on light background and light colors on dark background for contrast.

d. Prepare demonstration according to your plans.
e. Make sure your information is correct.
f. Remember time limit: **3 to 5 minutes.**
g. Practice.

3. **Presentation**
   a. Check and re-check to make sure you have everything you need.
   b. Remember to speak slowly and clearly. Be yourself!
   c. Smile! Look at your audience whenever possible.
   d. Keep your working area neat and clean. Remember to keep all bowls, boxes, etc. to the side of you and "work" in the center. Have towel ready for any messes.
   e. Remember not to mention any commercial brands or store names.
   f. Tell your source of information.
   g. Conclude with your title poster and a finished product if you have one.
   h. Ask for questions after the conclusion. Answer as well as you can. If you do not know the answer, admit it and promise you will try to find that information.

**4-H Projects You May Use for Demonstrations:**

- **Beef**
- **Citizenship**
- **Clothing & Textiles**
- **Communication / Public Speaking**
- **Companion Animal (Dog, etc...)**
- **Computers and Technology**
- **Consumer Education / Economics**
- **Dairy**
- **Electric**
- **Engineering / Safety Science (Bicycle)**
- **Entomology**
- **Environmental Science / Conservation** *(Forestry, Wildlife & Fisheries)*
- **Food Science (Food Safety, Meat Science)**

- **Goat**
- **Horse**
- **Horticulture / Garden**
- **Leadership / Personal Development**
- **Line & Design (Crafts, & Interior Design)**
- **Nutrition / Health / Fitness**
- **Performing Arts / Recreation**
- **Photography**
- **Plant Science**
- **Poultry**
- **Sheep**
- **Swine**
- **Veterinary Science**

**Make sure you use one of the projects listed above:**

Programs in agriculture and natural resources, 4-H youth development, family and consumer sciences, and resource development
University of Tennessee Institute of Agriculture, U.S. Department of Agriculture and county governments cooperating
UT Extension provides equal opportunities in programs and employment.
### 4-H Projects to Use for Demonstrations

<table>
<thead>
<tr>
<th>Tennessee 4-H Projects</th>
<th>Ideas to Get You Started</th>
</tr>
</thead>
<tbody>
<tr>
<td>Animal Science (includes)</td>
<td>How to shear a sheep</td>
</tr>
<tr>
<td>Beef Dairy Goat Horse</td>
<td>How to care for baby chicks</td>
</tr>
<tr>
<td>Poultry Sheep Swine</td>
<td>How to saddle a horse</td>
</tr>
<tr>
<td>Clothing and Textiles</td>
<td>How to sew on a button</td>
</tr>
<tr>
<td>Companion Animal (includes)</td>
<td>How to make a scarf</td>
</tr>
<tr>
<td>Dog Cat Rabbit</td>
<td>How to bathe your dog</td>
</tr>
<tr>
<td>Engineering/ Safety Science</td>
<td>How to choose a rabbit</td>
</tr>
<tr>
<td></td>
<td>Obedience training</td>
</tr>
<tr>
<td>Electric</td>
<td>How to make an electromagnet</td>
</tr>
<tr>
<td></td>
<td>How to wire a lamp</td>
</tr>
<tr>
<td>Food Science/Food Safety</td>
<td>How a small engine works</td>
</tr>
<tr>
<td></td>
<td>How to change a bicycle tire</td>
</tr>
<tr>
<td></td>
<td>Making your home safe</td>
</tr>
<tr>
<td>Entomology</td>
<td>How to mount insects/butterflies</td>
</tr>
<tr>
<td></td>
<td>How to handle bees</td>
</tr>
<tr>
<td>Forestry, Wildlife, Fisheries</td>
<td>How to make yogurt</td>
</tr>
<tr>
<td></td>
<td>How to make yeast bread</td>
</tr>
<tr>
<td></td>
<td>How to dry fruit/meat</td>
</tr>
<tr>
<td>Horticulture/Garden</td>
<td>How to plant a tree</td>
</tr>
<tr>
<td></td>
<td>How to make a fly</td>
</tr>
<tr>
<td></td>
<td>How to attract wildlife</td>
</tr>
<tr>
<td>Line and Design (Crafts &amp; Interior Design)</td>
<td>How to build a terrarium</td>
</tr>
<tr>
<td></td>
<td>How to transplant flowers</td>
</tr>
<tr>
<td></td>
<td>Planting in Raised Garden Boxes</td>
</tr>
<tr>
<td>Nutrition/Health/Fitness</td>
<td>How to Weave a Placemat</td>
</tr>
<tr>
<td></td>
<td>How to Make a Pillow</td>
</tr>
<tr>
<td></td>
<td>How to Make Paper Mache</td>
</tr>
<tr>
<td>Performing Arts and Recreation</td>
<td>Healthy After-school Snacks</td>
</tr>
<tr>
<td></td>
<td>How to do CPR</td>
</tr>
<tr>
<td>Personal Development</td>
<td>How to play the guitar</td>
</tr>
<tr>
<td></td>
<td>How to play soccer</td>
</tr>
<tr>
<td>Photography</td>
<td>How to make a bed</td>
</tr>
<tr>
<td></td>
<td>How to care for a baby</td>
</tr>
<tr>
<td></td>
<td>Learning the parts of a camera</td>
</tr>
<tr>
<td></td>
<td>Mounting Pictures</td>
</tr>
</tbody>
</table>

Be sure to turn the page for websites that can give you additional ideas.
Websites for Additional Ideas

The State 4-H website - http://4h.tennessee.edu/projects/index.htm
Click on a project for more ideas

Our County website – http://utextension.tennessee.edu/williamson
- click on 4-H then click on demonstration contest (on the left) and then in the gray box
on the right click - Create Winning Demonstrations – this will allow you to view an
excellent power point about preparing and giving a demonstration

The following website from University of Kentucky –
http://www.ca.uky.edu/agc/pubs/4ka/4ka02pa/4ka02pa.pdf

Website for visuals

-This website has excellent ideas for how to make effective posters


Website for food demonstrations

- Be sure to read the tips on this website if you are giving a food demonstration.


* Remember that some states have projects that we do not have and that your
demonstration must be in a Tennessee project category as listed on the front page.