



## 4-H Project Demonstrations

For 4<sup>th</sup> and 5<sup>th</sup> 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.

Due at the next meeting on \_\_\_\_\_

### Do

- Give a 3-5 minute long demonstration
- **Show** and **tell** us how to do something
- Have a topic related to a 4-H project
- Ideally have 3-5 posters, 14" x 22" each
- Have all supplies ready to go so you can show us by demonstrating 'how to'
- Plan to use your posters & materials along with a spoken script
- Have an introduction, body & summary
- **Practice! Practice! Practice!**

### Don't

- No partners, each student will give their own demonstration
- No use of live animals, babies, audience participation, videos, DVDs or PowerPoint
- No use of a Tri-fold board, Posters ONLY
- No demonstrations of volcanoes, "silly putty", "gak" or "goop", lava lamps, simple sandwiches, rubber band bracelets or paper-folding (origami) crafts. They are too simple, too messy or too difficult to see

## Prepare for Your 4-H Demonstration

### 1. Plan

- a. Choose one simple idea that you are comfortable teaching which fits into a 4-H project.
- b. Plan the Body by listing the steps involved in the demonstration. Write an explanation to go with each step. Plan how to show each step.
- c. Plan the Summary, by restating the main points. Be sure to show the finished product if you have one and give the source of your information.
- d. Plan the Introduction, this should introduce yourself and your topic. Select a catchy title. Think of an opening statement that lets your audience know what you are demonstrating and the purpose of your presentation.
- e. If your demonstration has a number of steps that require some "waiting time" in between the steps, plan to bring examples of the project at each stage in the process. This is often the case with crafts or foods, and will require more materials. This is how you can show the whole project within the time limit.

### 2. Prepare

- a. Secure the necessary materials.
- b. Ideally make a **minimum of 3 posters** (NOT tri-fold boards) for your demonstration.
  - i. Title Poster
  - ii. Supplies Poster – or list of ingredients or materials

- iii. Directions Poster – or steps to follow
- c. **Posters should be 14 by 22 inches in size.** (One half a regular poster board.) Posters may be white or colored poster board.
- d. Letters and pictures should be large enough to be seen across the classroom
  - i. Letters on title posters should be at least 2-3 inches high. Letters on other posters should be around  $\frac{3}{4}$  - 2 inches high.
  - ii. Block letters are easiest to read. All letters on one poster should be the same color for ease of reading.
- e. Prepare demonstration according to your plans.
- f. Make sure your information is correct and that you include your source.
- g. Remember the time limit: **3 to 5 minutes.**
- h. Practice! Practice! Practice!

### 3. Present!

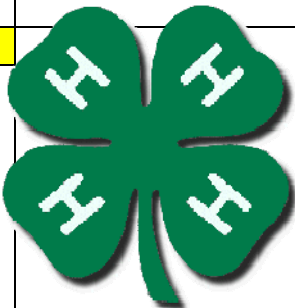
- a. Check and re-check to make sure you have everything you need.
- b. Remember to speak slowly and clearly. Be yourself!
- c. Smile! Look at your audience whenever possible.
- d. Keep your working area neat and clean. Remember to keep all bowls, boxes, etc to the side of you and “work” in the center so everyone can watch. Have a 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 commit to try to find that information.

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

Animal Science – Beef	Companion Animal	Horticulture/Garden
Animal Science – Dairy	Communication/Public Speaking	Leadership/Personal Development
Animal Science – Goat	Computers & Technology	Line & Design
Animal Science – Horse	Consumer Education/Economics	Nutrition, Health & Fitness
Animal Science – Poultry	Electric	Performing Arts/Recreation
Animal Science – Sheep	Engineering/Safety Science	Photography
Animal Science – Swine	Entomology	Plant Science
Citizenship	Food Science	Veterinary Science
Clothing & Textiles	Forestry, Wildlife & Fisheries	

### **Special Tips:**

- Laminate posters for check writing and use dry erase markers
- Food – use plastic eggs for real eggs, playdough to represent food, bring only the amount needed in individual containers, “wash” hands (hand sanitizer) before beginning and pull hair back, use tablecloth or something to put down to contain spills & easy clean up. Don’t rely on the teacher for appliances, bring your own or heat before coming to school.
- Bring paper towels and Clorox wipes to cleanup behind yourself.
- If the demonstration takes longer than 5 minutes then shorten long steps by having one already at that stage ready to go.
- If using electricity bring an extension cord.
- Practice quickly setting up and packing up.
- Don’t stress if it doesn’t go exactly right. Nothing ever does!

<b>Project</b>	<b>Beef</b>	<b>Citizenship</b>	<b>Clothing and Textiles</b>	<b>Communication/Public Speaking</b>
<b>Demo Examples</b>	<ol style="list-style-type: none"> <li>How to give a calf a shot.</li> <li>How to show a heifer.</li> <li>How to tattoo the ear.</li> </ol>	<ol style="list-style-type: none"> <li>How to fold a flag.</li> <li>How to exhibit the flag.</li> <li>How to trace family tree.</li> <li>How to select a service project.</li> </ol>	<ol style="list-style-type: none"> <li>Replacing a button.</li> <li>Selecting clothes that match.</li> <li>How to iron clothes.</li> <li>How to make a hair scrunchie.</li> </ol>	<ol style="list-style-type: none"> <li>How to write a speech.</li> <li>How to do sign language.</li> <li>How to recite a poem.</li> </ol>
<b>Project</b>	<b>Companion Animal (dog, cat, rabbit)</b>	<b>Computers and Technology</b>	<b>Consumer Education/Economics</b>	<b>Dairy</b>
<b>Demo Examples</b>	<ol style="list-style-type: none"> <li>How to train a dog.</li> <li>How to groom a dog.</li> <li>How to pick up a rabbit.</li> </ol>	<ol style="list-style-type: none"> <li>How to clean a device.</li> <li>How to create a web page.</li> </ol>	<ol style="list-style-type: none"> <li>How to write a check.</li> <li>How to prepare a budget.</li> <li>How to count back change.</li> </ol>	<ol style="list-style-type: none"> <li>How to groom dairy heifer for show.</li> <li>How to show dairy heifer</li> </ol>
<b>Project</b>	<b>Electric</b>	<b>Engineering/Safety Science</b>	<b>Entomology</b>	<b>Food Science</b>
<b>Demo Examples</b>	<ol style="list-style-type: none"> <li>How to build a lamp.</li> <li>How to wire a lamp.</li> <li>How electricity is conducted.</li> <li>How to make homemade flashlight.</li> <li>How to wire a two-way switch.</li> </ol>	<ol style="list-style-type: none"> <li>How to change spark plugs in lawnmower.</li> <li>How to change tire on bicycle.</li> <li>How to make a homemade fire extinguisher.</li> <li>How to make a first aid kit.</li> <li>How to use a fire extinguisher.</li> </ol>	<ol style="list-style-type: none"> <li>How to start an insect collection.</li> <li>How to identify insects.</li> <li>How to control insect pests in your house.</li> <li>How to care for bees.</li> </ol>	<ol style="list-style-type: none"> <li>How to measure properly.</li> <li>How to meal plan.</li> <li>How to grill on BBQ.</li> <li>How to know when meat is done.</li> <li>How to set the table.</li> <li>How to ice a cake.</li> <li>How to make tacos.</li> </ol>
<b>Project</b>	<b>Forestry, Wildlife and Fisheries</b>	<b>Goat</b>	<b>Horse</b>	<b>Horticulture/Garden</b>
<b>Demo Examples</b>	<ol style="list-style-type: none"> <li>How to catch a fish.</li> <li>How to rig a fishing lure.</li> <li>How to make a birdhouse.</li> </ol>	<ol style="list-style-type: none"> <li>How to groom a goat for show.</li> <li>How to milk a goat.</li> <li>How to show a goat.</li> </ol>	<ol style="list-style-type: none"> <li>How to braid a horse's mane.</li> <li>How to clean a saddle.</li> <li>How to determine a horse's age by teeth.</li> </ol>	<ol style="list-style-type: none"> <li>How to raise tomatoes.</li> <li>How to plant a seed.</li> <li>How to trim shrubs.</li> <li>How to harvest vegetables.</li> </ol>
<b>Project</b>	<b>Leadership/Personal Development</b>	<b>Line and Design</b>	<b>Nutrition, Health and Fitness</b>	<b>Performing Arts/Recreation</b>
<b>Demo Examples</b>	<ol style="list-style-type: none"> <li>How to write a friendly letter.</li> <li>How to conduct a meeting.</li> <li>How to write Thank You cards.</li> </ol>	<ol style="list-style-type: none"> <li>How to make a pinewood derby car.</li> <li>How to Oil Paint.</li> <li>How to do a wood carving.</li> <li>How to make a potholder.</li> <li>How to make a pillow.</li> </ol>	<ol style="list-style-type: none"> <li>How to make a fruit smoothie.</li> <li>How to make a healthy lunch.</li> <li>How to do CPR.</li> </ol>	<ol style="list-style-type: none"> <li>How to play an instrument.</li> <li>How to design a game.</li> <li>How to use sports equipment.</li> <li>How to juggle.</li> </ol>
<b>Project</b>	<b>Photography</b>	<b>Plant Science</b>	<b>Poultry</b>	<b>Sheep</b>
<b>Demo Examples</b>	<ol style="list-style-type: none"> <li>How to take a digital photograph.</li> <li>How a camera works.</li> <li>How to make a video.</li> <li>How to select a camera.</li> </ol>	<ol style="list-style-type: none"> <li>How to do a soil test.</li> <li>How to transplant a plant.</li> <li>How to control insects in corn.</li> <li>How to raise plants in greenhouse.</li> <li>How seeds germinate.</li> </ol>	<ol style="list-style-type: none"> <li>How clean eggs.</li> <li>How to select feed for your chickens.</li> <li>How to candle eggs.</li> <li>How to select birds for show.</li> </ol>	<ol style="list-style-type: none"> <li>How to shear a sheep.</li> <li>How to groom sheep for show.</li> <li>How to give a lamb a shot.</li> <li>How to determine the age of a sheep.</li> </ol>
<b>Project</b>	<b>Swine</b>			<b>Veterinary Science</b>
<b>Demo Examples</b>	<ol style="list-style-type: none"> <li>How to groom a hog.</li> <li>How to select feed for your pig.</li> <li>How to ear notch a hog.</li> <li>How to select a hog for show.</li> </ol>			<h2 style="text-align: center;">Demonstration Topics by Project</h2> <ol style="list-style-type: none"> <li>How to give an animal a shot.</li> <li>How to worm an animal.</li> <li>How to find all the parts of the animal.</li> <li>How to apply a leg bandage.</li> </ol>

## 4-H Demonstration Outline

### Introduction:

Hello, my name is \_\_\_\_\_. I am a member of \_\_\_\_\_ 4-H club. I have been in 4-H \_\_\_\_\_ years. I will be demonstrating \_\_\_\_\_ as a part of the \_\_\_\_\_ 4-H project.

**Brief opening paragraph:** grabs the attention of your audience and also explains the topic of your demonstration.

I chose this demonstration because \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Body:** The main part of your demonstration. (posters listing the equipment, supplies and steps are great here)

The equipment (example – blender, spoon, measuring cup) needed is .....

The supplies (example – peanut butter, ice cream, milk) you need are .....

The steps: Show and explain your demonstration.

**Summary:** This is the time to briefly emphasize the main points of the demonstration.

**Conclusion:** Give credit to your sources of information.

“Thank you, are there any questions?”

Be prepared to answer questions from the judges.

“If there are no additional questions, then this concludes my demonstration. Thank you.”