



Farm Machinery, Tools & Safety

Virtual Activities Guide

Relevant Projects

- **Small but Mighty Machines**
- **Safety & Tillage Equipment**
- **Farm Machinery: Tractors & Harvesting**
- **Farm Safety**
- **Plowing**



Digital Resources

Virtual Farm Safety Experience - Interactive

<https://www.safework.nsw.gov.au/your-industry/agriculture,-forestry-and-fishing/farming/virtual-farm-safety-day>

Workplace Safety & Prevention Services - Resource Bank

<https://www.wsps.ca/farmsafety>

CASA - Youth Working in Ag

<https://www.casa-acsa.ca/en/resources/ag-youth-work-guidelines/>

Small Engine Repair Course - Videos

<https://www.youtube.com/playlist?list=PLTBhUQAB93TEbpEp1IJ2IhtB4tTGqxZq8>

History of Plowing - Activities & Information

<https://www.plowingmatch.org/images/2015/pdfs/History-Plowing.pdf>

Youth Farm Safety Resources

<https://www.uvm.edu/extension/youth/youth-farm-safety#machine>

Achievement Day Idea

Have members create a video, slideshow, poster or news article on a farm safety topic. Members can work individually, in pairs or in small groups on these projects. Have members present to one another, as well as present to another group in the community to raise awareness about farm safety. Here are some examples of places members can present (virtually or in person):

- Local School or Classroom
- Another 4-H or Cloverbud Group
- Local Community Group: Scouts, Girl Guides, etc.
- Submit poster or article to local paper

Speaker Ideas

- Mechanic
- Farmer to talk about Farm Accidents & Safety
- Farm Accident Survivor
- Environmental Tech- Environmental Safety
- Farm Equipment Salesperson
- Local Soil & Crop Representative

Activity #1 Judging Safety

Prepare four First Aid Kits for the members to judge. You can use photos or create a description and list of contents for members to judge. Prior to the activity, review first aid kit essentials and job site safety standards. Provide the members with the below criteria to help them with their decision making:

- Kit Contents: Items required, number of items, item expiry dates.
- Container: Appropriate size, no leaks, closes securely.
- Cleanliness & Neatness: clean, dry and organized.

Activity #2 Machinery Round-up

Using breakout rooms, place members into small groups of 2-4. Assign each group a piece of machinery and provide them with 20 minutes to prepare a presentation to teach everyone about that piece of machinery. Encourage members to use the internet for research and prepare a visual component to share. Here is a scope to provide members with:

- Photos/ Diagram
- Machine's Purpose & Benefits
- How does it work?
- Safety Concerns & Tips

Activity #3 Spot the Hazzard

Have members examine photos of work sites or equipment to identify the hazards. When members identify a hazard, have them also provide a solution for how to appropriately remove or fix the issue. You can create your own situations by taking photos yourself or search the internet for examples.

Here is a great website to use: <https://spotthehazardsworksafebc.com>

Activity #4 Who/What Am I?

The object of this game is to have members guess the object or term. Prepare four clues that describe each item. Present the four clues one at a time and have members make guesses as to what you are describing. If the answer is guessed correctly after the first clue, they get 4 points, second clue, 3 points, third clue, 2 points, fourth clue, 1 point. After all clues have been presented, spend some time explaining what that item is or what the term means. Below are some ideas of themes you can use with this game.

- Types of Personal Protective Equipment
- Types of Bacteria
- Chemicals & Gases
- Types of Plows or Parts of a Plow
- Farm Equipment
- Safety Signage & Symbols