



# GARDENING & HORTICULTURE



## WHAT'S IT ALL ABOUT?

Is your thumb green? Find out how your garden grows in the 4-H Gardening and Horticulture project. You will learn how to plant a garden, dig it, grow it, show it, and eat it. 4-H Gardening and Horticulture will teach you facts about soils and plants, pest management, and even how you experiment with plants in a laboratory or field.

## HERE'S WHAT YOU CAN LEARN...

### STARTING OUT

- ✿ Identify different types of gardens
- ✿ Plant seeds
- ✿ Grow and maintain a garden
- ✿ Learn pest management techniques
- ✿ Examine parts of a plant and discover the function of the parts
- ✿ Learn to identify and use common garden tools
- ✿ Learn how to harvest crops

### LEARNING MORE

- ✿ Learn about garden fertilizer and nutrients plants need to grow
- ✿ Plant bulbs in the fall for spring blooms
- ✿ Learn to divide plants and transplant favorite specimens
- ✿ Make a container garden
- ✿ Learn about compost and make a simple compost bin
- ✿ Discover different ways to prepare and use garden produce
- ✿ Develop an Integrated Pest Management plan

### GOING FURTHER

- ✿ Research types of plants that grow well in your area
- ✿ Start a community garden at a local nursing home, this could be a container garden
- ✿ Tour a grocery store and see where produce is coming from
- ✿ Start an herb garden
- ✿ Learn about food preservation methods
- ✿ Take a soil sample and have it tested for nutrients
- ✿ Experiment with organic production
- ✿ Design a gardening experiment

## RESOURCES

- ✿ *Gardening: See Them Sprout*, Level 1 (4H1037)
- ✿ *Gardening: Let's Get Growing*, Level 2 (4H1038)
- ✿ *Gardening: Take Your Pick*, Level 3 (4H1039)

- ✿ *Gardening: Growing Profits*, Level 4 (4H1040)
- ✿ *Gardening Helper's Guide* (4H1041)
- ✿ *Selecting and Showing Produce* (<http://www.wyomingextension.org/agpubs/pubs/BI196.pdf>)

## TAKE IT FURTHER!

- ✿ Learn about locally grown foods
- ✿ Participate in the Produce Judging contest at the Wyoming 4-H Showcase Showdown
- ✿ Tour a local nursery or farm to explore careers that interest you
- ✿ Expand your garden and sell produce at a farmers market or to a local restaurant
- ✿ Start a greenhouse or container garden in your home
- ✿ Explore the health benefits of different vegetables
- ✿ Develop a marketing plan
- ✿ Visit UW's ACRES farm in the summer



### ENHANCE YOUR COMMUNICATION SKILLS

- Make a video on how to properly water your garden
- Teach your club how to identify common weeds
- Give a presentation on common garden tools and how they are used

### GET INVOLVED IN CITIZENSHIP AND SERVICE

- Help children plant a garden at a local daycare or school
- Collect seeds and garden supplies and donate them to a local organization
- Plant flowers at local parks, your Extension Office, or your fairgrounds

### LEARN ABOUT LEADERSHIP

- Partner with Cen\$ible Nutrition to teach a class using garden produce
- Organize and host a community garden tour
- Host a club Produce Judging Contest

## EXHIBIT IDEAS

- ✿ Exhibit vegetables, herbs or flowers
- ✿ Make a poster about parts of a plant
- ✿ Build a compost bin or rain barrel
- ✿ Prepare an exhibit on how to use fresh herbs in cooking
- ✿ Create a notebook of common plants for a butterfly garden
- ✿ Design a landscape for your home
- ✿ Make planters for accessible gardening
- ✿ Prepare a poster showing proper harvest times for vegetables
- ✿ Display different types of mulch for a garden
- ✿ Make a cost comparison of starting your own seeds vs. buying transplants. Show the results on a poster
- ✿ Create your own garden calendar
- ✿ Start a plant from a cutting
- ✿ Display on pollination

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