



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

Issued in furtherance of extension work, acts of May 8 and June 30, 1914, in cooperation with the U.S. Department of Agriculture. Glen Whipple, director, University of Wyoming Extension, University of Wyoming, Laramie, Wyoming 82071. The University is committed to equal opportunity for all persons in all facets of the University's operations. All qualified applicants for employment and educational programs, benefits, and services will be considered without regard to race, color, religion, sex, national origin, disability or protected veteran status or any other characteristic