In this project, youth learn about flowers by partnering with adults to plan and create flower arrangements and floral crafts. Youth will demonstrate the knowledge and skills required for a career in the floriculture industry, including identifying, handling and arranging cut flowers.

- Understand the shapes, elements and principles of floral design.
- Identify common flowers and determine their purpose in an arrangement.
- Discover art concepts such as color, shape, proportion, composition and content.
- Create a variety of flower arrangements that showcase your skills.
- Learn basic varieties of flowers, filler and foliage.
- Demonstrate how to prepare floral foam.
- Design a round arrangement in floral foam.
- Create a color wheel and learn how designers use it.
- Use and maintain common floristry tools.
- Demonstrate how to condition cut flowers upon delivery to the florist.
- Draw and label six basic arrangement shapes.
- Create an arrangement using silk flowers.
- Create a vase arrangement. Visit a full-service flower shop and observe the skills needed for the job.
- Identify the four traditional flower forms.
- Design a corsage and boutonniere.
- Demonstrate how to make two types of floral bows.
- Know and regularly use the elements of floral design.
- Learn how to wire and tape a variety of flowers.
- Press flowers and use them to create cards, candles, and bookmarks.
- Design a specialty arrangement, such as a bridal bouquet or topiary.
- Learn how to price flowers with an industry appropriate mark-up.
- Know and regularly use the principles of floral design.
- Tour a wholesale flower market to see how growers sell their product.
- Identify 100 different flowers, filler and foliage commonly used in floral design.
- Create a resume for a job in the floral industry.

The activities above are ideas to inspire further project development. This is not a complete list.
Expand Your Experiences!

Healthy Living

- Research how different colors can affect mood. Create an arrangement that might change a negative mood to a positive one.
- Create a salad and include fresh, edible flowers, such as borage or pansies.
- Create an edible fruit arrangement to serve at your next 4-H meeting.

Science, Technology, Engineering, and Mathematics

- Learn about the reproductive parts of a plant by dissecting a flower.
- Experiment with various substances (e.g., lemon juice, bleach, floral food, baking soda, sugar, etc.) to determine the best way to preserve cut flowers.
- Participate in a citizen science project related to flowers, such as www.greatsunflower.org.

Citizenship

- Deliver flowers to injured veterans in military hospitals.
- Research how flowers are used medicinally in different cultures.
- Work with a local senior center to provide corsages and boutonnieres for their next social.
- Teach a class on floral design at a local YMCA or community center.

Leadership

- Organize a flower sale to raise money for a special cause or for your 4-H club.
- Volunteer to decorate your family’s home for a holiday. Include dried or fresh flowers.
- Teach others in your 4-H club how to create an attractive arrangement. As a club, donate your flowers to a community event or venue.

Connections & Events

| Presentation Days – Share what you’ve learned with others through a presentation. |
| Field Days – At these events, 4-H members may participate in a variety of contests related to their project area. Contact your county 4-H office to determine additional opportunities available, such as a field day. |

Curriculum

- Flowers
  [web1.msuue.msu.edu/4h/](http://web1.msuue.msu.edu/4h/)
- 4-H Floriculture (levels A-D)
  [learningstore.uwex.edu/Floriculture-Level-A-P1432.aspx](http://learningstore.uwex.edu/Floriculture-Level-A-P1432.aspx)
- Garden-based Learning Activities
  [blogs.cornell.edu/garden/get-activities/activities](http://blogs.cornell.edu/garden/get-activities/activities)
- How Does Your Garden Grow?
  [estore.osu-extension.org/productdetails.cfm?sku=671](http://estore.osu-extension.org/productdetails.cfm?sku=671)

4-H Record Books give members an opportunity to record events and reflect on their experiences. For each project, members document their experiences, learning and development.

4-H Record Books also teach members record management skills and encourage them to set goals and develop a plan to meet those goals.

To access the 4-H Record Book online, visit [http://ucanr.edu/orb/](http://ucanr.edu/orb/)

Resources

- The Sunflower Project
  [www.greatsunflower.org](http://www.greatsunflower.org)
- Project Bud Burst
  [neoninc.org/budburst](http://neoninc.org/budburst)
- Floral Design Institute
  [www.floraldesigninstitute.com](http://www.floraldesigninstitute.com)
- uBloom
  [www.uBloom.com](http://www.uBloom.com)
- About Flowers
  [www.aboutflowers.com](http://www.aboutflowers.com)
- Florists’ Review
  [www.floristsreview.com](http://www.floristsreview.com)
- California Cut Flower Commission
  [www.ccfc.org](http://www.ccfc.org)
- Flower Possibilities
  [www.flowerpossibilities.com](http://www.flowerpossibilities.com)
- California State Floral Association
  [www.calstatefloral.com](http://www.calstatefloral.com)

The UC 4-H Youth Development Program does not endorse, warrant, or otherwise take responsibility for the contents of unofficial sites.

University of California Agriculture and Natural Resources