4-H GOAT PROJECT

In the Goat project members will:

- Learn about the basic principles of animal husbandry by owning, caring for, and keeping records on their goat(s).
- Identify different breed of goats based on their characteristics.
- Learn which breeds of goats are primarily used for dairy production and which breeds are primarily used for meat production.
- Understand the role of the producer as it relates to pre-harvest food safety.
- Demonstrate knowledge of animal health and biosecurity.

Starting Out *Beginner*	Learning More *Intermediate*	Exploring Depth *Advanced*
- Identify the major breeds of meat and dairy goats. - Learn about the anatomy of a goat. - Understand the basic care of goats including nutritional and housing needs. - Learn about various types of equipment needed to raise goats. - Demonstrate an ability to properly handle and show goats.	- Research goat nutrition and visit your veterinarian to create a nutritional plan for your goat. - Learn about common diseases and research different ways to prevent/treat these diseases. - Learn about breeding and kidding. - Identify the major wholesale and retail cuts of meat for goats. - Understand the milking process and learn about milk safety.	- Design a breeding program for your goats. - Learn about Hazard Analysis of Critical Control Points (HACCP) - Design a food safety flow chart for a meat or milk product to identify the biological, chemical, and physical hazards present in the production process. - Explore career opportunities in the goat industry

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

4-H THRIVE

Help Youth:

Light Their Spark

A spark is something youth are passionate about; it really fires them up and gives them joy and energy. Help youth find how this project excites them.

Flex Their Brain

The brain grows stronger when we try new things and master new skills. Encourage youth effort and persistence to help them reach higher levels of success.

Reach Their Goals

Help youth use the GPS system to achieve their goals.

Goal Selection: Choose one meaningful, realistic and demanding goal.

Pursue Strategies: Create a step-by-step plan to make daily choices that support your goal.

Shift Gears: Change strategies if you're having difficulties reaching your goal. Seek help from others. What are youth going to do when things get in their way?

Reflect

Ask project members how they can use their passion for this project to be more confident, competent and caring. Discuss ways they can use their skills to make a contribution in the community, improve their character or establish connections.

Light Your Spark   Flex Your Brain   Reach Your Goals   Light Your Spark   Flex Your Brain   Reach Your Goals

Expand Your Experiences!

Science, Technology, Engineering, and Mathematics

- Learn about animal nutrition and work with your veterinarian to devise a feeding program for your goat.
- Learn about animal genetics and how they relate to animal health.
- Give a presentation on animal welfare and ethics.

Healthy Living

- Learn about food safety and how you can help to ensure a safe and quality food supply.
- Create a biosecurity plan for your animals.
- Research the nutritional components of goat meat and milk, and create a meal following the MyPlate guidelines that includes a goat product.

Citizenship

- Work with your local fair to improve the biosecurity procedures in place.
- Educate the community on dairy goat and meat goat production.
- Participate in a local petting zoo with your goat.

Leadership

- Take on the position of junior/teen leader to be a role model to others interested in goats.
- Help younger members prepare for fair by teaching them how to show and groom their goats.
- Start your own herd and sell animals to others in your community.

Resources

- American Dairy Goat Association
  www.adga.org
- American Boer Goat Association
  www.abga.org
- Texas Agricultural Extension Service
  https://www.cals.ncsu.edu/an_sci/extension/animal/4hyouth/AS34060-meatgoatguide.pdf
- Iowa State University Extension and Outreach
  http://www.extension.iastate.edu/4h/projects/dairy-goat
- University of Kentucky
  http://afs4hyouth.ca.uky.edu/goatproject

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

Connections & Events	Curriculum	4-H Record Book
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. **Fair**– Demonstrate what you've learned in your goat project by preparing an educational display and/or showing your goat at the fair.	• National 4-H Curriculum-http://www.4-hmall.org/Category/4-hcurriculum-meat-goat.aspx http://www.4-hmall.org/Category/4-hcurriculum-dairy-goat.aspx • Ohio 4-H Youth Development-http://www.ohio4h.org/books-and-resources/learning-lab-kits/goat	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/

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Author: A. Sankey