



# 4-H GOAT PROJECT



## 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

#### 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

#### 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

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*

- 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.

#### Learning More *Intermediate*

- 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

#### Exploring Depth *Advanced*

- 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.

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



# 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.

## 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.

## 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

## Resources

- American Dairy Goat Association  
[www.adga.org](http://www.adga.org)
- American Boer Goat Association  
[www.abga.org](http://www.abga.org)
- Texas Agricultural Extension Service  
[https://www.cals.ncsu.edu/an\\_sci/extension/animal/4hyouth/AS34060-meatgoatguide.pdf](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>

Connections & Events	Curriculum	4-H Record Book
<p><b>Presentation Days</b> – Share what you’ve learned with others through a presentation.</p> <p><b>Field Days</b> – At these events, 4-H members may participate in a variety of contests related to their project area.</p> <p><b>Fair</b>– Demonstrate what you’ve learned in your goat project by preparing an educational display and/or</p>	<ul style="list-style-type: none"> <li>• National 4-H Curriculum- <a href="http://www.4-hmall.org/Category/4-hcurriculum-meat-goat.aspx">http://www.4-hmall.org/Category/4-hcurriculum-meat-goat.aspx</a></li> <li>• Ohio 4-H Youth Development- <a href="http://www.ohio4h.org/books-and-resources/learning-lab-kits/goat">http://www.ohio4h.org/books-and-resources/learning-lab-kits/goat</a></li> </ul>	<p>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.</p> <p>4-H Record Books also teach members record management skills and encourage them to set goals and develop a plan to meet those goals.</p>

The UC 4-H Youth



## University of California Agriculture and Natural Resources