

Goats, Gouda & Gastric Microbes Grades Levels: K-2 & 3-4

As students interact with the does and kids at our goat dairy, the life cycle, anatomy and care of goats will be examined. Students discover why four-stomached animals like goats have different dietary needs than simple-stomached animals. While learning about the processes of milking and cheese making at the dairy, students will participate in chores, identify goat products, bottle feed the kids, and observe hand milking a doe.

Next Generation Science Standards Addressed:

Kindergarten

K-LS1-1. Use observations to describe patterns of what plants and animals (including humans) need to survive.

K-ESS3-1. Use a model to represent the relationship between the needs of different plants or animals (including humans) and the places they live.

First Grade

1-LS1-1. Use materials to design a solution to a human problem by mimicking how plants and/or animals use their external parts to help them survive, grow and meet their needs.

1-LS3-1. Make observations to construct an evidence-based account that young plants and animals are like, but not exactly like their parents.

Third Grade

3-LS1-1. Develop models to describe that organisms have unique and diverse life cycles but all have in common birth, growth, reproduction and death.

Fourth Grade

4-LS1-1. Construct an argument that plants and animals have internal and external structures that function to support survival, growth, behavior and reproduction.

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