Dairy

*Lesson Plan for Grade K, Science*

*Prepared by NAITC*

*Modified by Mississippi State University, School of Human Science*

*for Mississippi Farm Bureau Federation - AITC*

# OVERVIEW & PURPOSE

In this lesson, students will observe how dairy cattle produce milk from the feed and nutrients they take in.

# EDUCATIONAL STANDARDS

**Mississippi College-and-Career Readiness Standards:**

L.K.3B.1 Observe and communicate that animals get food from plants or other animals. Plants make their own food and need light to live and grow.

ELA-RI. K.10 Actively engage in group reading activities with purpose and understanding.

**NALOs:**

T1.K-2 a Describe how farmers/ranchers use land to grow crops and support livestock.

# OBJECTIVES

* Students will observe how dairy cows produce milk from the food they eat.

# MATERIALS NEEDED

* *The Milk Makers* by Gail Gibbons
* Rubber glove
* Milk
* Pins or needles

# Lesson Set Up:

1. Obtain the book *The Milk Makers* by Gail Gibbons in order to read it aloud to the students.
2. Gather the students into a group to be read to.

# LEARNING PROCEDURES

1. Ask students if they drank any milk this morning. Explain to them that milk is made by cattle. Explain to them that there are special cattle that make milk and today they would be reading about them.
2. Read *The Milk Makers* by Gail Gibbons aloud to the class.
3. Fill up the rubber glove with milk. Prick one finger end of the glove with a needle or a pin with a hole just tiny enough so that milk can come out. Show the glove to the students and tell them:

**“This glove represents a cow udder, where milk comes from. Today we are going to get to experience what it would be like to milk a cow, using this glove.”**

1. While holding the top of the glove, allow students to squeeze the finger on the glove so that they can see how cows are milked.

**Concept Elaboration and Evaluation**

* After, allow the students to ask questions and summarize what they just learned from the book.

Additional Learning Procedures

To help students review and elaborate more about dairy, try using the [“Think Pair Share”](https://drive.google.com/file/d/1EsVoIzccFgKKPupuDSEbbXksDFnCfspT/view?usp=drive_link) method to allow students to think deeper and make new connections.



*The MS Farm Bureau Women’s Committee has additional resources to help aid you in this lesson with a lifesize cow prop, please contact Dedra Luke at 601-977-4169 to learn more!*

*For more information and additional lessons visit*

*https://msfb.org/ag-in-the-classroom/lesson-plans/.*