

# 3-5 Lesson



## Simply MOOvelous!

**Grade Level:** 3<sup>rd</sup>-5<sup>th</sup> grade

**Topic:** Dairy

**Estimated Time:** 50 minutes

**Brief Lesson Description:** It is a Simply MOOvelous time to learn about dairy! Students will learn about five common dairy cow breeds in Michigan. They will learn about the origins, physical traits and other unique characteristics. Students will learn about the dairy process from cow to container and a variety of products that contain dairy. In conclusion, students will be given an opportunity to create their own dairy cow based off the traits that are related to their favorite type of dairy product.

### Next Generation Science Standard Performance Expectation(s):

- 3-LS3-1 Analyze and interpret data to provide evidence that plants and animals have traits inherited from parents and that variation of these traits exists in a group of similar organisms.
- 3-LS3-2 Use evidence to support the explanation that traits can be influenced by the environment.
- LS1.C Food provides animals with the materials they need for body repair and growth and the energy they need to maintain body warmth and for motion.

### National Agricultural Literacy Outcomes:

- T2.3-5 d. Provide examples of specific ways farmers/ranchers meet the needs of animals.
- T2.3-5 e. Understand the concept of stewardship and identify ways farmers/ranchers care for soil, water, plants, and animals.

### Specific Learning Outcomes:

1. Students will identify origin of the dairy cow breeds shown on the *Dairy Cow Trading Cards*.
2. Students will identify physical traits of these dairy cow breeds.
3. Students will identify unique characteristics for each cow breed.