

Curriculum Objectives

Lesson 1: What is the Dairy Industry?

At the conclusion of the lesson, the student will be able to:

1. Describe the economic impact of the dairy industry in the United States with 100% accuracy.
2. List 5 ways that dairy farms support their local communities with 100% accuracy.
3. Identify the characteristics of the 4 dairy regions within the United States with 100% accuracy.

Lesson 2: Historical Events Impacting the Dairy Industry

At the conclusion of the lesson, the student will be able to:

1. Recall the total number of dairy cows and farms located within the United States with 100% accuracy.
2. Describe historical trends within the dairy industry, including farm size, processing developments, and marketing improvements to teacher satisfaction.
3. Create a graphical representation of a specific dairy trend or statistic with 90% accuracy.

Lesson 3: Designing a Dairy

At the conclusion of the lesson, the student will be able to:

1. Identify a free-stall barn, tie-stall barn, robotic milking unit, pack barn, and grazing rotation with 100% accuracy.
2. List 3 pros- and 3 cons of each facility to teacher satisfaction.
3. Evaluate a farm scenario and suggest a facility set-up to teacher satisfaction.

Lesson 4: Dairy Cattle Breeds 101

At the conclusion of the lesson, the student will be able to:

1. Rank dairy breeds according to milk production characteristics with 90% accuracy.
2. Compare and contrast 2 breeds of dairy cattle to teacher satisfaction.

Lesson 5: What Jobs are Available in the Dairy Industry?

At the conclusion of the lesson, the student will be able to:

1. Classify 10 occupations that support the dairy industry with 100% accuracy.
2. Create a job description for one occupation that supports the dairy industry to teacher satisfaction.
3. Participate in a mock interview for an open position within the dairy industry to teacher satisfaction.

Lesson 6: From Farm to You

At the conclusion of the lesson, the student will be able to:

1. Identify 6 steps involved in transporting milk from the farm to the dinner table with 100% accuracy.
2. Describe the purpose of homogenization and pasteurization with 100% accuracy.
3. Create a milk advertisement promoting the consumption of milk products to teacher satisfaction.

Lesson 7: What are Dairy Cooperatives and Classes of Milk?

At the conclusion of the lesson, the student will be able to:

1. Illustrate the 4 classes that milk can be sold for with 100% accuracy.
2. List the percentage of milk components with 100% accuracy.
3. Recognize 5 countries that are major importers of US dairy products with 100% accuracy.

Lesson 8: Marketing Dairy Products and the Dairy Industry

At the conclusion of the lesson, the student will be able to:

1. Identify at least 2 key dairy marketing campaigns that have increased dairy consumption with 100% accuracy.
2. Describe what "Dairy Check-Off" is and at least 3 partnerships formed through its work with 85% accuracy.