

# LESSON 2

# Milk Quality and Safety

Keeping Milk Fresh

DISCOVER Dairy



# »» Introduction



**HOW DOES MILK GET FROM MOO TO YOU?**

**We will learn how the milk you drink gets from the cow on a dairy farm to you at home and school.**



# »» Activating Strategy



## JOURNEY OF MILK

Let's look at how milk gets from Moo to You



# »» Words on the Milk Journey



## DAIRY DEFINITIONS

**Barn:** the place where cows live

**Dairy Cow:** a female that has had a calf at least once time

**Dairy Foods:** foods made from milk

**Milk Plant:** a place that takes milk, makes milk safe, and makes other foods from milk

**Milk Tank:** a special container that holds cold milk for the farmer, also known as a bulk tank

**Milk Truck Driver:** a person who takes milk from the farm to the milk plant

# »» Vocabulary

## BARN

**Definition:** the place where cows live



Outside of a BARN



Inside of a BARN

# »» Vocabulary

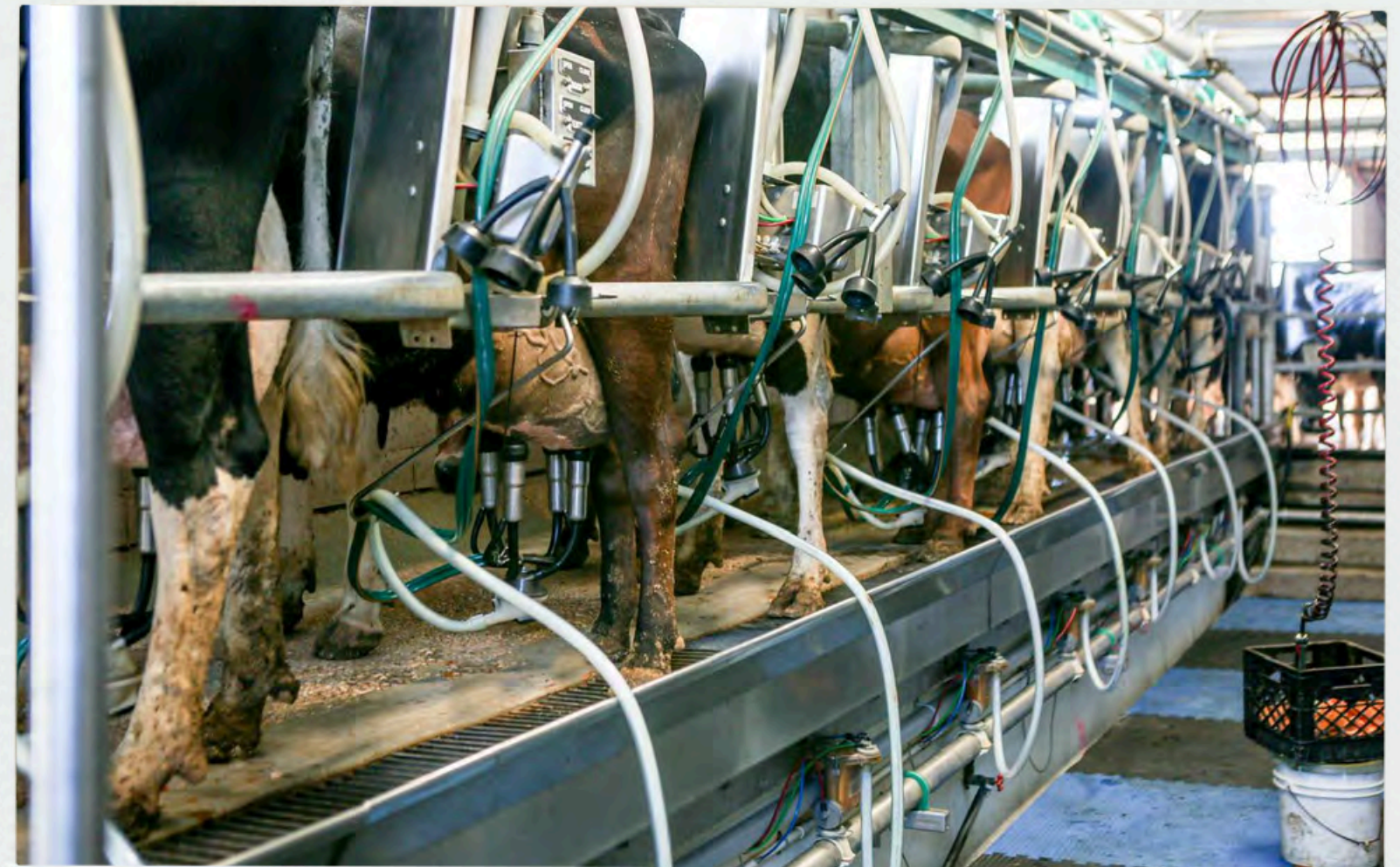


## DAIRY COW

**Definition:** a female that has had a calf at least one time



Dairy Cow



Dairy Cows Getting Milked

# »» Vocabulary



## DAIRY FOODS

**Definition:** foods made from milk



Milk, Cheese, Yogurt, Butter,  
Cottage Cheese, and Sour Cream



Ice Cream and Frozen Yogurt

# »» Vocabulary



## MILK PLANT

**Definition:** a place that takes milk, makes milk safe, and makes other foods from milk



Milk Processing Plant Machines



Bottling Milk

# »» Vocabulary



## MILK TANK

**Definition:** a special container that holds cold milk for the farmer, also called a bulk tank



Milk Tanks Outside



Milk Tanks In a Milk House

# »» Vocabulary



## MILK TRUCK DRIVER

**Definition:** a person who takes the milk from the farm to the milk plant




Milk Truck Picking Up Milk



Dan the Milk Truck Driver

## INTRODUCTION

# How does milk get from moo to you?

A stylized illustration of a white milk splash against a green background. The splash is composed of several white, rounded shapes with soft shadows, giving it a three-dimensional appearance. It is positioned at the bottom of the slide, partially under the introductory text.

Let's explore six important steps to the journey of milk from cow to you.

# »» From Moo to You: The Journey of Milk



## STEP 1: THE FARMER



Farmers make sure the barn is clean and safe.



Farmers feed and water cows all day.



Farmers take care of cows when they are sick.

# »» From Moo to You: The Journey of Milk



## STEP 2: THE COWS



Cows eat about 100 pounds of feed and drink a bathtub full of water.



Cows like to be milked.



Cows are milked two or three times every day.

# »» From Moo to You: The Journey of Milk



## STEP 3: THE MILK TANK



Milk goes from the cow to the milk tank in hoses and pipes.



Milk is never touched by human hands.



Milk is cooled and put in the milk tank.

# »» From Moo to You: The Journey of Milk



## STEP 4: THE MILK TRUCK



Milk is tested before it goes on the milk truck.



Milk trucks take the milk from the farm to the milk processing plant.



The milk stays cold in the milk truck.

# »» From Moo to You: The Journey of Milk



## STEP 5: THE MILK PROCESSING PLANT



Milk is tested many times at the plant.



Milk is pasteurized to kill any germs.



Milk is made into different types of milk and other dairy foods.

# »» From Moo to You: The Journey of Milk



## STEP 6: THE STORE AND YOU



Milk is shipped cold to stores.



It takes less than two days for the milk to travel from farm to you.



You should keep your milk and dairy foods cold, covered, and clean.

# »» From Moo to You: The Journey of Milk



## CLOSURE

Share one step you  
remember from our  
exploration



# »» Career Spotlight: Milk Truck Driver



## INTRODUCTION

**Milk truck drivers are an important part of the journey of milk. Without them, milk could not get from moo to you.**



# »» Career Spotlight: Milk Truck Driver



## ACTIVATING STRATEGY

Let's discover the career of a milk truck driver.



# »» Career Spotlight: Milk Truck Driver



## WHO IS THE MILK TRUCK DRIVER

The milk truck driver is the person who takes milk from the farm to the milk processing plant.



# » Career Spotlight: Milk Truck Driver



## MILK TRUCK DRIVER RESPONSIBILITIES

1. Test the milk to make sure it is safe.
2. Pump the milk from the milk tank to the milk truck.
3. Drive the milk from the farm to the milk processing plant.



# »» Career Spotlight: Milk Truck Driver



## CLOSURE

- Tell us one responsibility of a milk truck driver.
- Are you interested in being a milk truck driver when you grow up?



**Share one thing you  
need to do to keep  
milk safe**

