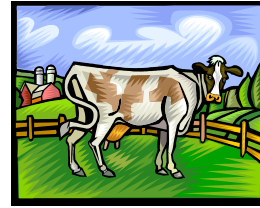


## Lesson 4

# Cows & Milking

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1. Watch the video of The Modern Dairy Farm.
2. Read the script for the video underlining any words that are not familiar. Find the meaning and write the definitions on the vocabulary list for The Modern Dairy Farm.
3. Watch the video again!

### The Modern Dairy Farm

Virtual Tour - [http://www.agclassroom.org/kids/tours\\_modern.htm](http://www.agclassroom.org/kids/tours_modern.htm)

#### The Modern Dairy Farm

The modern dairy farm is structured around the milking cycle. Cows are typically milked twice a day in a milking parlor. Some milking parlors are equipped with carousels. The cows first enter a washing pen and are cleaned by sprinklers; then they enter the milking stall. There the cow's udders are sprayed with an antiseptic and connected to the milking machine. Sensors trigger the milking machines to stop when the cow is out of milk.

After milking, the cow's udders are treated with special solution to protect them and the milk is then pumped into a refrigerated storage tank on the dairy. Milk is stored at 40 degrees Fahrenheit or less. The milk in the storage tank is gently agitated to make sure the entire volume remains cold and the milk fat does not separate from the milk.

Each day and sometimes twice a day, milk is pumped into an insulated milk tanker truck and transported to the processing plant. The drivers are certified to test and evaluate the milk they collect. After the milk has been collected, the farm storage vats and stainless steel pipes are thoroughly cleaned before the cows are milked again.