



**With a Moo,  
Moo Here**

# With a Moo, Moo Here



*What do you know about cows?*

- **What sound does a cow make?**
- **What do cows eat?**
- **Why do farmers raise cows?**
- **How would you describe a cow?**
- **Have you ever seen a real cow?  
If so, where?**

ADD INFO ABOUT COWS TO KWL CHART.



## **With a Moo, Moo Here**

*Old MacDonald is going to tell you all about cows. Listen to find out more about the main topic, or main idea, of today's lesson: cows.*



## With a Moo, Moo Here



*I have finished my jobs for the day, and I am ready to take you on a farm tour. Let's start over at my neighbor Farmer Brown's place.*

# With a Moo, Moo Here



Cattle are some of the first animals people think of when they think of farms. This is actually my neighbor's **herd** of cattle. A herd is a group of animals. I only have a few cows on my farm, but my neighbor has a whole herd.

# With a Moo, Moo Here



Female, or mother cattle, are called cows. You might not be able to tell at first glance, but most of the cattle in this picture are cows, or female cattle. Like most farm animals, cows spend most of the day standing around eating.



# With a Moo, Moo Here



*That is fine. In fact, that's great! That is exactly what farmers want cows to do. The more the cows eat, the better!*



## With a Moo, Moo Here



Baby cattle are called calves. A calf looks like its mother, only smaller. Cows usually give birth to one calf each year. Like all mammals, this mother cow **produces** milk inside her body.

## With a Moo, Moo Here



Mammals are animals that drink milk when they are babies. The mother cow makes milk inside her body. The calf feeds on the milk each day until it is old enough to eat grass and other types of feed.

## With a Moo, Moo Here



If you look closely at the cow in this picture, you will notice a large pouch on her belly, near her hind legs. This is the cow's udder, where she produces and stores milk. The cow's udder has four teats. Her calf will suck on one of those teats and drink milk when it is hungry.



## With a Moo, Moo Here



*Sometimes, the mother cow is not able to produce enough milk for her calf. If that happens, the farmer will feed the calf milk from a bottle.*

## With a Moo, Moo Here



Males, or father cattle, are called bulls. They are usually larger than cows. Bulls do not produce milk. A farmer has many cows, but usually only one or two bulls. Even an old, experienced farmer like me needs to be careful around the bull because it can be unpredictable.

# With a Moo, Moo Here

*So, cows are female or girl cattle and bulls are male or boy cattle.*





# With a Moo, Moo Here



Cattle spend most of their time out in the fields or pasture grazing on fresh, green grass. Grazing means eating. Because grass isn't always available, some farmers grow extra fields of grass, alfalfa, and other grains that they can turn into hay.

# With a Moo, Moo Here



Hay is dried grass that cows and other farm animals can eat when there is not enough grass growing in the pasture. Once the plants in these extra fields are fully grown, the farmer pulls a machine with his tractor to mow it down. Then he uses another machine to gather it up and make hay bales.



# With a Moo, Moo Here



*A bale is a large, tightly packed bundle tied together.*

*Farmers can store the bales of hay in the field, or bring them into the barn to keep them nice and dry. That way, they will be ready for cattle to eat in the winter, when the weather is cold and there is not as much grass for grazing in the fields.*



# With a Moo, Moo Here



Some farmers also give cows feed made from corn. And I don't mean corn on the cob! The corn people eat is called sweet corn, and is different from what most farmers grow, which is called field corn. Field corn has many uses. It can be used for animal feed and as an ingredient in many foods we eat.

## With a Moo, Moo Here



*Calves aren't the only ones who drink cow's milk every day. Milk is also used to make ice cream as well as many other dairy products including cheese, butter and yogurt. Dairy products are things made from milk. Some people do not eat or drink dairy products, for a variety of reasons.*

# With a Moo, Moo Here

*So, cows' milk is important to people.  
That is why there are dairy farms.*





# With a Moo, Moo Here



People get a cow's milk by milking the cow. To milk the cow, this girl squeezes a teat on the udder and gives it a good, strong tug. With each tug, a little more milk squirts out into the bucket. It will take her a while to fill the bucket, and by the time she is done her hands and arms will probably be sore and tired, unless she does this sort of work a lot, in which case she will be used to it.



## With a Moo, Moo Here



*On modern dairy farms, machines are used to milk the cows. The farmer hooks the hoses up to the udders, but then the machines do the work of pumping milk out of the udders. On a dairy farm, the building where the cows are milked is called the milking parlor.*

## With a Moo, Moo Here



The dairy farmer collects fresh milk from his cows twice each day, and a big truck comes to the dairy farm and collects all the milk once every two days. Often, the milk will go to a bottling factory, and then it will be sold to a grocery store and may eventually end up in your refrigerator at home.



# With a Moo, Moo Here



Not all cows are dairy cows. Some farmers raise beef cattle. Beef is the word for cow meat. Roast beef, steaks, hamburgers, and beef stew are all beef products. Some people don't eat beef or meat for a variety of reasons.

# With a Moo, Moo Here

*Comprehension Questions:*

***Inferential***

*What is the main topic, or main idea, of today's lesson?*

# With a Moo, Moo Here

*Comprehension Questions:*

**Literal**

*What do you see in this picture? What sound do they make?*





# With a Moo, Moo Here

*Comprehension Questions:*

***Inferential***

*Why does a cow have  
an udder?*



# With a Moo, Moo Here

*Comprehension Questions:*

**Literal**

*What are male cattle called? What are female cattle called?*



# With a Moo, Moo Here

*Comprehension Questions:*

***Inferential***

*How do cattle get the feed they need?*





# With a Moo, Moo Here

*Comprehension Questions:*

***Inferential***

*How do calves get the feed they need?*



# With a Moo, Moo Here

*Comprehension Questions:*

***Inferential***

*Why do farmers raise cattle?*



# With a Moo, Moo Here

Comprehension Questions:

**Inferential**

What foods/drinks do people use that come from cattle?





# With a Moo, Moo Here

*Comprehension Questions:*

**Evaluative**

*What is your favorite food that comes from a cow?*



# Think. Pair. Share.



I'm going to ask you a question. I will give you a minute to think about the question, and then I will ask you to turn to your neighbor and discuss the question. Finally I will call on several of you to share what you discussed with your partner.

# Think. Pair. Share.



**Evaluative:**

*What is the most interesting fact that you learned about cows?*



# **Word Work**

*Explicit Vocabulary Instruction*

## With a Moo, Moo Here

*In the read aloud you heard Old MacDonald say, "Cows spend most of their time out in the fields or pasture **grazing** on fresh, green grass."*

*Say the word **grazing** with me.  
Whisper grazing to the ceiling.  
Whisper grazing to the floor.  
Clap out the word.*

## With a Moo, Moo Here

*If an animal is **grazing**, it is moving around eating grass or other plants.*

*Last night, I saw a deer **grazing** in my backyard.*



## With a Moo, Moo Here

Have you ever seen an animal out in a field **grazing** on grass? If not, have you watched an animal **grazing** on TV? Try to use the word **grazing** when you tell about it.

"I saw a \_\_\_\_ **grazing** in the field."

## **With a Moo, Moo Here**

*What's the word we've been talking  
about?*

## **With a Moo, Moo Here**

*I will read a sentence about an animal doing something. If it is an example of an animal grazing, thumbs up. If it is not an example of grazing, thumbs down.*



## **With a Moo, Moo Here**



Thumbs Up = Grazing  
Thumbs Down = Not Grazing



**The calf is drinking milk from  
its mother.**

**With a Moo, Moo Here**



## **With a Moo, Moo Here**



Thumbs Up = Grazing  
Thumbs Down = Not Grazing



**The cow is eating the fresh,  
green grass.**



**With a Moo, Moo Here**



## **With a Moo, Moo Here**



Thumbs Up = Grazing  
Thumbs Down = Not Grazing



**The deer wanders away from  
its mother while it is eating  
grass.**

**With a Moo, Moo Here**





## **With a Moo, Moo Here**



Thumbs Up = Grazing  
Thumbs Down = Not Grazing



**The bull is drinking water  
from the river.**

**With a Moo, Moo Here**



## **With a Moo, Moo Here**



Thumbs Up = Grazing  
Thumbs Down = Not Grazing



**The sheep is eating the grass  
behind the barn.**



**With a Moo, Moo Here**

