



AgMag

Agriculture: Helping you every day!

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Spring • Grade 1

From the Farm To YOU!

A farm is a place where people grow things we eat and use.

- Some farmers plant, grow, and harvest plants.
- Some farmers raise animals.
- Some farmers raise both plants and animals.

Think and Write

Farming is one part of agriculture.

- What does each farm animal and plant from below give us?
- Write the name of your favorite farm animal here. Then tell a friend why it is your favorite farm animal.

Find It! Circle the animals and plants that grow on **Minnesota** farms.

Plants



example



Animals

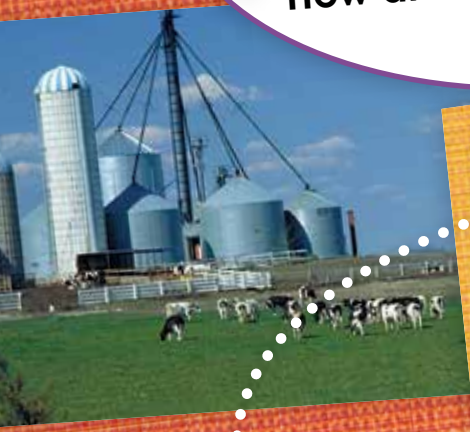


Take a video tour of a dairy farm at
<https://www.mnagmag.org/commodities/dairy/>



Moo to You

Did you drink milk today?
How did that milk get to you?



1 On the Farm

Milk cows live on dairy farms.

Farmers feed and take good care of the cows.

Cows give us milk.

This farmer is using a milking machine. **What is she doing?**

2 On the Road

Tank trucks take milk from the farm to the plant.

Milk must be kept cool all the way from the farm to you.

Why?



3 At the Plant

Milk is tested and heated to make sure it is healthy and clean. It is put in cartons or bottles.



Draw It!



Draw 1 or 2 of your favorite things that are made from milk.

Write the name next to each thing you draw.



Practice: Circle the word milk on these pages. How many times did you circle milk?



Write the word milk here.



4

At the Store

Trucks take milk to stores.
Your family buys the milk.



You Drink the Milk

How many different kinds of milk can you name?
Skim milk is one kind.

5



Farm Equipment, Old and New

Farmers use many kinds of equipment. The equipment has changed over the years. It makes it easier for farmers to grow more crops and raise animals.

Plowing fields

Long ago, farmers pushed plows by hand. Bigger plows were pulled by horses. Today large plows are run by tractors. Plowing is when farmers dig into the soil. Plowing helps seeds sprout faster and grow stronger.

Old



New



Long Ago



Photo courtesy of Emerson M. Brooks Papers, Special Collections, USDA National Agricultural Library.

Milking cows

Farmers used to milk cows by hand. They would squeeze the udder and collect milk in buckets. Today milking machines help farmers milk more cows faster and easier. There are even robot milkers!

Activity: Long Ago and Today

Look at this photo of cows being milked from years ago. Now look at the photo of cows being milked on a modern-day dairy farm. Compare the two photos. Share with a partner what looks different and what looks similar.

Today

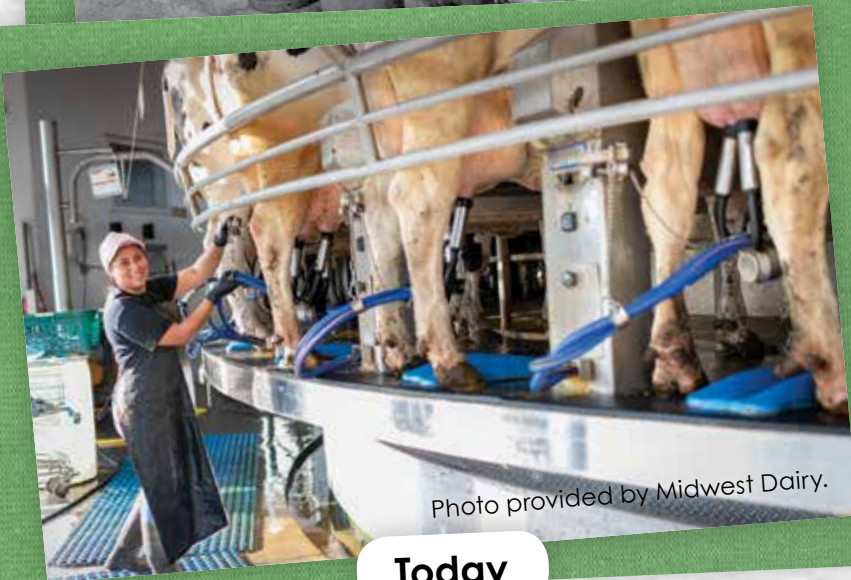


Photo provided by Midwest Dairy.

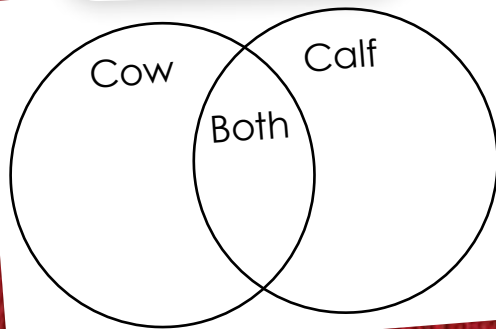


Animal Babies and Parents

Like humans, animal babies grow and change. There are ways animal babies are like their parents. But in other ways, they are different.



Venn Diagram



Activity: Alike and Not Alike

Draw a Venn diagram on a piece of paper. A Venn diagram is two circles with part of each circle crossing over the other. Look at the cow and her calves below. How are they the same? How are they different? Write your ideas in your Venn diagram.

Mother

Name: Cow

Age: 3 years old

Weight: 1,500 pounds

Eats: Hay, grass, and grain

Drinks: Water



Baby

Name: Calf

Age: 2 months old

Weight: 150 pounds

Eats: Nothing yet!*

Drinks: Milk and water

*A calf will start to eat hay and grain when it is 3 or 4 months old.



Did You Know?

Holstein cows have spot patterns on their hides. Each cow has a different pattern. No two are the same!









Farmers Make Great Pizza!

All the foods on a pizza come from agriculture! The crust comes from wheat, the cheese comes from dairy cows, and vegetables come from gardens and farms.

Pizza Picks

In each child's row, put a  under the pizza they like.

1. Joe likes pizza with no meat or cheese.
2. Ann likes pizza with toppings that begin with the same letter as "pizza."
3. Juan likes pizza with no meat or vegetables.

	 Cheese	 Veggies	 Pepperoni
 Joe			
 Ann			
 Juan			

Who likes cheese?

Who likes veggies?

Who likes pepperoni?

Joke?

Q: Where do cows go for lunch?

A: The calf-eteria!



AgMag is a publication of Minnesota Agriculture in the Classroom (MAITC). The program is a public/private partnership between the Minnesota Department of Agriculture and the Minnesota Agriculture in the Classroom Foundation. This publication is made possible with special funding from Compeer Financial.

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