

SUNNYBELL – THE “MOO”SICAL

ESSENTIAL QUESTION

How does a calf grow and eventually produce the milk we find in a grocery store?

DESCRIPTION OF UNIT

SunnyBell is a calf finding her purpose on a farm. Through her adventures, students learn how a dairy farm operates and how milk arrives at stores.

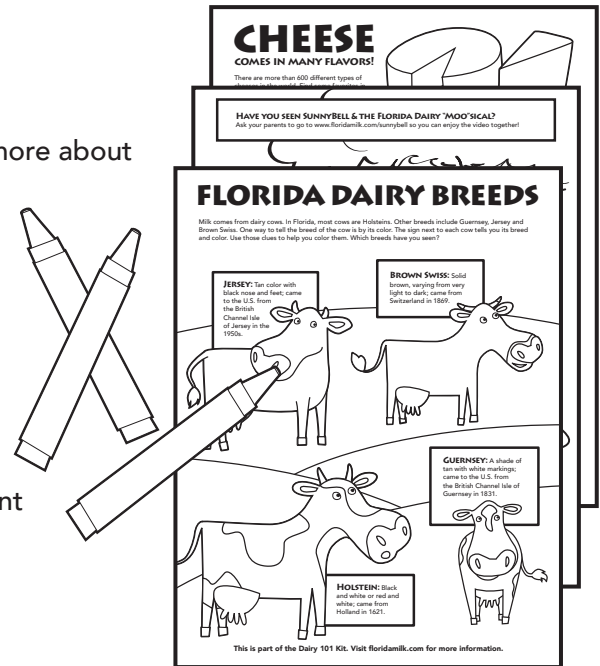
MATERIALS NEEDED

For initial lesson

1. Enjoy *Where Does Your Milk Come From?* pamphlet to learn more about dairy farms, cows, milk facts and even about cow pedicures!
2. *SunnyBell and the Florida Dairy “Moo”sical* video

For Extend and Enrich the Learning!

1. *Florida Dairy Breeds* learning sheet – one per student
Crayons
2. *SunnyBell and SunnyBell, the Holstein Sisters, and Clyde* coloring pages – one per student
3. *Cheese Comes in Many Flavors* learning sheet – one per student
If possible, samples of different cheeses.
4. **Books** – *Life on a Dairy Farm* by Ruth Owen – grades K-3
What Happens on a Dairy Farm by Kathleen Pohl – grades K-3
Producing Dairy and Eggs by Jane Bingham – grades 4-8



VOCABULARY

- **Dairy farm** – land used for raising cattle to produce milk
- **Barn** – a farm building that houses equipment, supplies, or animals
- **Calf** – a young cow
- **Heifer** – a young cow that has not had a calf
- **Cow** – a large, female animal on a farm usually raised for its milk or meat

LESSON

Get them excited!

Ask the students if they have ever seen a singing cow. Do singing cows really exist?

Share that today some singing cows are going to help everyone learn how milk goes from a farm to a grocery store. Also, explain that the class will learn the stages of a cow's life. Show the Bulletin Board Builders of a cow. Explain how a cow begins as a calf and progresses throughout her life.

Introduce and Show the *SunnyBell and the Florida Dairy “Moo”sical*

Questions for Learning

- Why can't SunnyBell help make milk on the farm? (She is only a calf.)
Where do cows on a farm go for shade? (Barn)
How do farmers keep cows cool in the barn? (Fans)
What do cows sleep on in the barn? (White, fresh Florida sand)

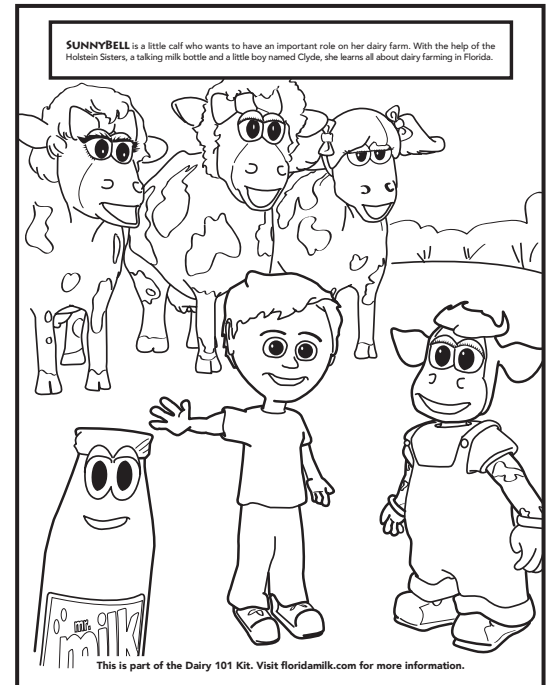
This is part of the Dairy 101 Kit. Visit floridamilk.com for more information.

What colors are Holsteins? (Black and white)

Is chocolate milk an energy drink? (Yes! Flavored milks have the same important nutrients as white milk.)

Extend and enrich the learning!

1. Review the Florida Dairy Breeds learning sheet and have the class work on coloring the cows on their sheets to match the ones on the board.
2. Enhance learning with some coloring fun! While students color in their SunnyBell pages, review what was learned in the movies. What were your students' favorite parts? What did they never know before? What part was impossible (or fiction)?
3. For older students, remind them that dairy cows are also responsible for the ingredients in cheese and other dairy products. Use the *Cheese Comes in Many Flavors* sheet to discuss various types of cheeses. While students work independently on their word search puzzle, invite small groups up to sample some cheeses. Encourage your students to have their family members try these same delicious and healthy flavors at home!
4. As a class, read one of the following:
Life on a Dairy Farm by Ruth Owen – grades K-3
What Happens on a Dairy Farm by Kathleen Pohl – grades K-3
Producing Dairy and Eggs by Jane Bingham – grades 4-8



Check for Understanding and Wrap It Up!

Review the contents of the DVD and the stages of a cow's life. Encourage students to try new dairy products and remember that milk is an energy drink!