



BEAUTIFUL BOVINE

Grade Level

2-4

Length of Lesson

45 minutes

Objective

Students will be able demonstrate some of the body parts of a cow to show how a cow is different from a human.

Materials

- Surgical glove
- Vest - leather/fur
- Yarn
- Chewing gum
- Fly swatter
- Plastic headband
- Cardboard
- Four socks
- Sandpaper
- Four balloons
- Large bag
- Elastic

Standards

Common Core

CCSS.ELA-

Literacy.RI.3.2; W.3.2;

W.3.2b

NGSS

3.LS1-1

Lesson Summary

Students will help dress someone up as a beautiful bovine. This lesson is a great way to have fun with your students while teaching them about cattle.

Suggested Sequence of Events:

1. Set Up: Assemble the pretend parts of the cow as follows:
 - Udder: Stuff the surgical glove with tissue. Attach yarn to tie around a volunteer's waist.
 - Horns and ears: Cut cardboard in the shape of a cow's ears and horns, and attach them to a plastic headband.
 - Hooves: Cut four cardboard hoof prints and attach them to the bottoms of the four socks.
 - Tongue: Cut sand paper and attach yarn to tongue to hang around the volunteer's head.
 - Stomachs: Blow up four balloons and tie them together with yarn.
 - Tail: Tie fly swatter to a piece of yarn to tie around the volunteer's waist.
 - Gum: A piece of chewing gum to chew as "cud."
 - Hide: A vest for the volunteer to wear to represent the hide of a cow.
 - Place items in your bag once assembled.
2. Complete the activity following the procedures:
 - Pick a student volunteer to be dressed up as a cow. If embarrassing any of your students is a concern, consider asking your principal or another adult to be the volunteer.
 - Ask students to imagine what a cow looks like and what special parts it has that are different from a human. What makes a cow a cow?
 - Dress the volunteer with the items in your bag. Share background information regarding each body part as you dress up your volunteer.
3. Writing Prompt:
 - After completing the activity, students should conduct research about cows. Write a 1-2 paragraph response identifying characteristics of a cow. How does a dairy cow compare and contrast to beef cattle? How about a human? Explain your answers in detail using information learned and researched from the text.

TEACHER RESOURCES

Lesson Video:

- Watch [this video](#) showcasing our Beautiful Bovine lesson: <https://iaitc.co/bovine>

Extension Ideas

- Check out the [IAITC Beef Ag Mag](#) (4th-8th grade), [Reader](#) (6th-12th grade), [Facts for Little Readers](#) (K-1st grade), and [other printed resources on Beef](#) on our website!
- Complete IAITC [Moovin' on Through](#) and [Rumination Navigation](#) lessons to learn more about ruminant digestion!
- Have students color code the steps to the cattle diagram by coloring in the instruction shape and the matching digestive system part the same color.
- Have students write map directions for the route food takes in ruminant digestive systems.
- Compare and contrast the ruminant digestive system to a monogastric digestive system.
- Have student define the word 'rumination'. Compare that definition with the definition for 'monogastric'.
- Invite a beef cattle farmer into your classroom to talk with your students!
- Learn more about beef by-products.
- Learn about the history of cattle in the United States.
- Have students share their favorite beef recipes.
- Learn about what cattle eat and how they are cared for by farmers and ranchers.
- Research cattle breeds in the United States and compare to cattle breeds around the world.
- Go to agintheclassroom.org to contact your County Ag Literacy Coordinator for free classroom sets of our Ag Mags!



Science

BEAUTIFUL BOVINE

COW HOOF PRINTS

