

Beautiful Bovine

Grade Level: 2—4

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

Common Core: English Language Arts: CCSS.ELA-Literacy.RI.3.2; W.3.2; W.3.2b

Next Generation Science Standards: Inheritance and Variation of Traits: Life Cycles and Traits: 3.LS1-1



Materials:

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

Directions:

Assemble the pretend parts of a cow as follows:

- Udder - Stuff the surgical glove with tissue. Attach yarn to tie around student'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 to hang around student's head. Attach yarn to tongue to hang around student'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 student's waist.
 - Gum - Give student a piece of chewing gum to chew as "cud."
 - Hide - Place the vest on the student to represent the hide of a cow.
 - Place items in your bag once assembled.
1. Ask one of your students to volunteer to be dressed up to look like a cow. To avoid embarrassing any of your students, ask your principal or another adult to be the volunteer.
 2. 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?
 3. Ask students to suggest ways to make the volunteer look like a cow. As they come up with ideas, dress the volunteer with the props in your bag. Share background information regarding each body part as you dress up your volunteer.

Writing Prompt:

After completing the activity, students should conduct research about cows. Write a two paragraph response identifying characteristics of a cow. How does a cow compare and contrast to beef cattle? How about a human? Explain your answers in detail using information learned and researched from the text.

