



Math



Art

MOO MASK

Grade Level

K-2

Length of Lesson

45 minutes

Objective

By the end of this lesson, students will be able to demonstrate an ability to identify types of cattle based on markings.

Materials Needed

- Large paper plates (1 per student)
- Small paper plates (2 per student)
- Scissors
- Glue or staples
- Crayons, markers, or colored pencils
- Colored construction paper
- Copies of the ear tag template
- Copies of the student ear tag worksheet

Standards

Common Core

CCSS.Math.Content:
K.OA.A.1-3; K.OA.A.5;
K.MD.B.3

Illinois Visual Arts

VA:Cr2.2.PK; Cr2.3.PK;
Cr2.1.1; Re7.2.1

Lesson Summary

This lesson is designed to help students recognize different breeds of dairy cattle as well as help them practice their addition and counting skills.

Suggested Sequence of Events:

1. Set up: Print the student worksheet out and cut on the dotted line for each student. Then, print the ear tag templates on various color of construction paper.
2. Read "[Clarabelle](#)" by Cris Peterson to capture student interest.
3. Read through the AITC Dairy Ag Mag to learn about Dairy breeds and products. Interactive online versions can be found on our website.
4. Complete the activity following the procedures:
 - Have the students cut one dessert plate in half.
 - Have the students staple or glue the other dessert plate behind the large dinner plate.
 - They should draw eyes on the dessert plate and a mouth on the dinner plate.
 - Next, use the dessert plate that was cut in half to make two ears that are glued or stapled to the top of the dessert plate with the eyes.
 - Have the AITC Dairy Ag Mag available so that students can look at the various breeds of dairy cattle. Then, have the students color the cow to match their favorite breed.
 - Attach string to the side of the mask to allow it to wrap around their heads.
 - Have students create their tags! (directions on Teacher Resources page)
4. Whole class discussion and reflection of activity. Pair students together and have them share their moo masks with each other!

TEACHER RESOURCES

Moo Mask Ear Tags:

- Have the students write out their first and last names.
- With their names in front of them, have each student write the number of letters in both their first and last names.
- Then have the students add the number of letters in their first name to the number of letters in their last name.
- When the student correctly adds the numbers in their name, have them write the numbers on the cow tag. Then attach it to the ear of their moo mask.
- Example for “Johnathon Deer”:

$$\begin{array}{rcccl} \text{Johnathon} & & \text{Deer} & & \\ 9 & + & 4 & = & 13 \\ (\# \text{ in first name}) & & (\# \text{ in last name}) & & (\text{Total}) \end{array}$$



Extension Ideas:

- Use the ear tags as a way to practice sequencing! For example, tell them to line up numerically by their tag numbers! Make it fun and time how long it takes them to get in order!
- Read about why dairy cows are tagged. Are beef cattle tagged the same way?
- Read “[Click Clack Moo](#)” by Doreen Cronin. Look at the pictures and see if students can identify the breed of dairy cattle shown in the story. (Holstein Dairy Cattle)
- Talk about how milk gets from the farm to your fridge after watching this video: [Glass Is In Session](#). Video can be accessed at: <https://www.youtube.com/watch?v=ztmRrwe0ITA&feature=youtu.be>
- Go on a field trip to a dairy farm or do it virtually and let 10 year old Jenna take you on a tour through her Family's dairy farm: [Jenna, a Dairy Farmer | Citizen Kid by Disney](#). This video can be accessed at: <https://www.youtube.com/watch?v=EOAavg4ftFk>.
- Have students color a picture of a dairy cow.
- Show a labeled diagram of a dairy cow.
- Introduce or teach about pasteurization and homogenization.
- Talk more about different products that come from dairy cows.
- Invite a dairy farmer into the classroom.
- Introduce the word ‘livestock’ to your students and talk about why farmers raise animals.
- Go to agintheclassroom.org to contact your County Literacy Coordinator for free classroom sets of our Ag Mags!





