



# COW'S DIGESTION PROJECT

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**EXPLORATORY QUESTION:** Cows are essential for cheese! How does a cow digest? How many compartments does a cow's stomach have?

**PROJECT GOAL:** We will research and make an anatomical drawing, collage, or chalk drawing of a cow's digestive system.

- SUPPLIES NEEDED:**
- ✓ Computer or device for research, If your family has books on animal biology/anatomy that's great too!
  - ✓ Paper
  - ✓ Art materials of your choice: Colored pencils, markers, paint, chalk

## STEP 1:

Start off by doing some research on how the digestive system of a cow works. Record your findings.

- ➡ Cows are plant eaters, what do we call a plant eater?
- ➡ What is cud?
- ➡ A cow has one stomach with how many compartments?
- ➡ Lets learn a little bit about the four compartments. Write a couple of sentences about:

**Rumen:**

**Omasum:**

**Abomasum:**

**Reticulum:**



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## STEP 2:

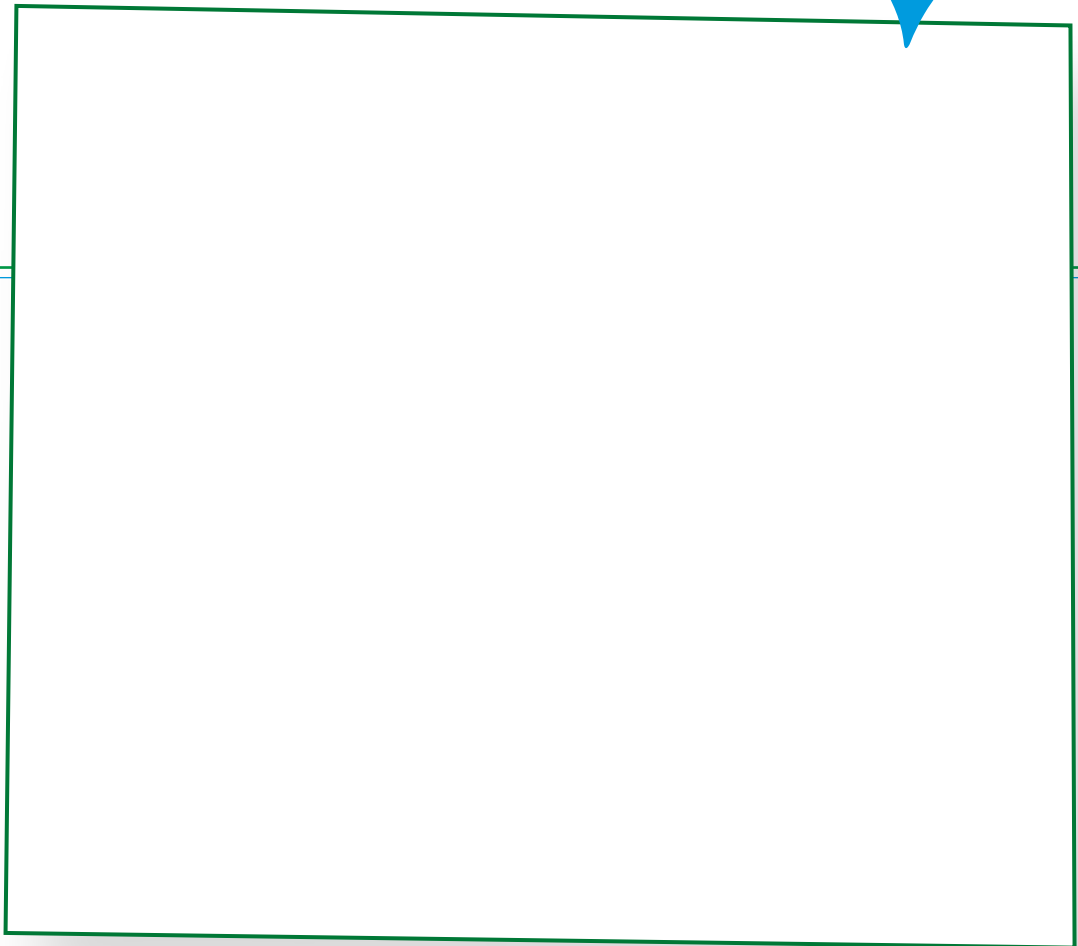
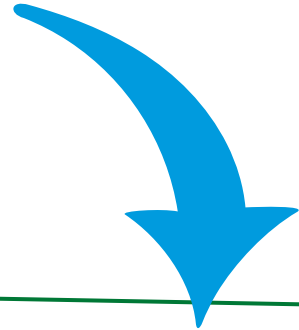
**Now that we know about the cow's digestive system, make a drawing and label the following.**

You can draw this on paper, make a collage, use chalk and do it in your driveway.

Get creative just make sure to label everything.

**Label the following with a short description (you already have some from your research work:**

- ➡ Esophagus i.e. takes food from mouth to stomach
- Rumen
- ➡ Reticulum
- ➡ Omasum
- Abomasum
- ➡ Small intestine



## STEP 3:

**Show your parents your drawing and teach them a little bit about how a cow digests.**

You wouldn't have the cheese for your quesadilla without milk!