

FOODS MADE FROM MILK

Focus Lesson:
Foods Made from Milk- Making Ice Cream in a Bag

Materials:
 Ice cubes
 Pint size Ziploc bags
 Gallon-size Ziploc bag

For each Ziploc bag:
 1 cup half & half
 ½ cup salt
 2 tbsp sugar
 ½ teaspoon of vanilla extract

Bowls
How Did That Get in My Lunchbox? By Chris Butterworth

Grade level: 2

Time: 45 minutes

***Common Core Standards:**
CCSS.ELA-LITERACY.W.2.3

Write narratives in which they recount a well-elaborated event or short sequence of events, include details to describe actions, thoughts, and feelings, use temporal words to signal event order, and provide a sense of closure.

Thinking Skill: Exploring, Sensing

Objective:

Students will be able to understand that many different food products come from cows and milk.

Connection:

There are many different foods that we have for lunch every day at school. Who has a sandwich with cheese on it? Macaroni and cheese? A yogurt?

Does anyone know where or how we get all of these foods?

Explicit Instruction:

Define dairy products (food produced from milk).

Humans usually get their milk from cows. However, other animals that humans get milk products from include goats, sheep, yaks, and camels.

Read page from *How Did That Get in My Lunchbox?* By Chris Butterworth on milk and cheese.

Guided Practice:

As a class brainstorm a list of dairy products (products that come from milk).

Show YouTube videos on making ice cream at a factor and at home.

Today we are going to make a dairy product – Ice cream! (the half and half comes from cows)

- Split class into groups (about 4-5 students per group).
- Combine sugar, half and half, and vanilla extract in the pint size bag and seal it
- Place salt and ice in the gallon-size bag and place the smaller bag inside.
- Shake the bag (each student should get a turn shaking (it should take 5 – 10 minutes)
- Open up the bags and give each student some ice cream!

Independent Practice:

Have students write a five sense poem that includes real facts about the process of making and eating ice cream!

I tasted _____

I saw _____

I heard _____

I felt _____

I smelt _____

Reflection – Group Share:

Students can share their poem with the class, decorate them, and vote for their favorite flavor of ice cream.

Reading list:

How Did That Get in My Lunchbox? By Chris Butterworth

Teacher Note: