

Grades: primary

## Uncle Bob's Curds and Whey Barn

### **Before your visit:**

\*Remind children that we get milk from cows.

\*Brainstorm foods that we can make from milk (butter, cheese, cottage cheese, cream cheese, yogurt, and ice cream)

\*Do a "taste test" by allowing each child to taste a small sample of each of the milk products that were discussed.

\*Make a class bar graph to show each child's favorite dairy product. (The graph can easily be made with butcher paper or chart paper. The children can write their names on a sticky note and place it on the graph to indicate their choice.)

\*Write a directed paragraph to explain the bar graph. You may choose to have younger students fill in "cloze" sentences with the desired information.

### **During your visit:**

\*Watch a cow being milked. Do you remember what can be made from the milk?

\*Watch Aunt Cindi and Uncle Bob make ice cream, butter, cottage cheese, and cream cheese. Do you remember which one you voted for?

### **After your visit:**

\*Make ice cream.

1. Place two quarts of crushed ice with rock salt in a gallon size plastic bag. The bag should be about half full of the ice and salt mixture.
2. Place ingredients (1 cup milk, 1 tablespoon sugar, ½ teaspoon vanilla extract, ½ teaspoon salt) in a sealed quart size plastic bag. You may want to double bag the mixture.
3. Place the sealed quart sized bag and inside the gallon sized bag with the ice and rock salt. Seal the gallon bag.
4. Gently shake the bags for 20 minutes. When the ice cream is solid, remove it from the bag and eat.

\*Complete a flow map to show the sequence of making ice cream.

\*Use the flow map to write the steps of making ice cream. Use the transition words first, next, then and finally. This may be a directed writing assignment for younger students and an independent project for second and third grade.

### **Books About Milk Products**

Chilly Milly Moo by Fiona Ross

Milk to Ice Cream by Inez Snyder

The Milk Makers by Gail Gibbons