



ICE CREAM IN A BAG

(20-30 minutes)

OBJECTIVE

Students work together to decide on an ice cream flavor and to create ice cream.

MATERIALS

Measuring cups, measuring spoons, milk, vanilla, sugar, rock salt, ice, one or more 1-gallon Ziploc® freezer bags, one or more 1-pint Ziploc freezer bags; eating utensils and bowls/cups; any ingredients needed to create the ice cream flavor the class has voted on

GET READY

- ✓ Gather your students together and tell them they will be eating as a class tomorrow, but first they need to decide on an ice cream flavor.
- ✓ Help your students hold a debate/forum and a vote to choose an ice cream flavor. Recommend the students pick a flavor that the majority of the class will enjoy — it is their goal to work together to find a flavor that everyone will like.
- ✓ Hold an “Ice Cream Election” and graph the results of the vote.
- ✓ Once the students have made a final decision, prepare the materials above for the day when you will be making the ice cream as a class. Make sure you have:
 - ✓ measuring cups, measuring spoons, milk, vanilla, sugar, rock salt, ice, one or more 1-gallon Ziploc freezer bags, one or more 1-pint Ziploc freezer bags
 - ✓ the ingredients needed for the flavor the class has voted on (ex. chocolate, strawberries, etc.)
 - ✓ spoons and either bowls or cups

INSTRUCTIONS

- ✓ Help the students mix the following in 1-pint freezer bags:

- ✓ 1 cup milk
- ✓ 4 T sugar
- ✓ 1 t vanilla flavoring
- ✓ Put the following in the gallon freezer bags:
 - ✓ 2 cups ice
 - ✓ 3 T salt
 - ✓ the sealed pint bag
- ✓ Seal the gallon bags.
- ✓ Pass the bags around so all can cooperate to make the ice cream. Students should gently squeeze the bags but also make sure the bags don’t pop open.
- ✓ Eat the ice cream while discussing the questions below.

DISCUSSION QUESTIONS

- ★ *Was the flavor of the ice cream the flavor you wanted? If the student says no, ask them if it was still a fair process. Remind them, if necessary, that they were able to express their opinion both verbally and in a vote.*
- ★ *Would it be fair if we only let the boys vote on the flavor? Why not?*
- ★ *Were you happy with the flavor the class selected? Were you happy with the process we took to determine the flavor?*
- ★ *Was it hard to work as a class to determine the flavor of the ice cream? Why or why not?*
- ★ *Did the ice cream taste good even if you voted for another flavor?*
- ★ *Was it easy or difficult to make the ice cream as a class? Why?*
- ★ *If we did this again, what could you do to get more people to vote for the flavor you wanted most?*
- ★ *Do adults ever do anything similar to what we just did? Can you give me an example? (elections, presidential debates, etc.)*