

Title: Making Ice Cream in a Bag

Age Group: Kindergarten / School Age

Submitted by: Rimi (Home Child Care)



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Type of Activity: Science/ Sensory

Materials:

- Measuring cups, spoons, and oven mitts
- 1 cup of (milk or plant-based milk product)
- 2 tbsp. sugar
- 1/2 teaspoon of vanilla
- 3 cups of ice
- 1/3 cup of Salt
- 1 large resealable bag
- 1 small resealable bag

How to Do it:

- Have your child combine the milk, sugar, and vanilla in 1 small resealable bag.
- Push out the excess air and seal.
- In the large resealable bag, combine the ice and salt.
- Place the smaller bag into the larger bag and shake vigorously for 7 - 10 minutes.
- You may want to put on oven mitts or gloves! It gets very cold.
- Remove from the bag and enjoy in a bowl or a cone!

Root Skill / Extension:

Cognitive 4.9 Reasoning logically, exploring transformations and hypothesizing

Children can hypothesize what will happen when the ingredients are combined and what causes the changing temperature.

Extend the learning: Check temperatures with a thermometer; mix different colors; add heat and predict melt time.