ICE CREAM IN A BAG

School Age

Supplies Needed:
- 1 cup half-and-half
- 2 Tbs sugar
- 1/2 tsp. vanilla extract
- 3 cups ice
- 1/3 cup rock salt or kosher salt
- sandwich size ziplock
- 1 gallon size ziplock bag
- spoons
- attached lab sheet

What to do:
1. Mix the half-and-half, sugar and vanilla extract together in a pitcher
2. Pour about a cup of mixture into sandwich bag
3. Fill a gallon size ziploc bag about half full of ice. Add 1/3 cup of salt
4. Place up to 2 sealed sandwich bags with the mixture in each large bag and seal
5. Have child shake bag vigorously for about 10 minutes, pausing at 1, 5 & 10 minutes to record changes they observe on their lab sheet
   - if you have multiple children doing this experiment they can change off, if not, you might have to help shake the bag

Activity submitted by OLV Caregiver Caeley

Click HERE for the original source and instructions
Tasty Science

My Guess

I think that the milk will

I think this because

Materials

Milk
Sugar
Vanilla
Ziplock
Ice
Salt

Draw it Out!

Before
After

Observation Table

What is going on?

Record what is happening every 5 minutes. Let's see what happens!

<table>
<thead>
<tr>
<th>Time</th>
<th>Milk</th>
<th>Ice</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 minutes</td>
<td></td>
<td></td>
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<tr>
<td>10 minutes</td>
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