

# "Growing Ice" Creative Curriculum Activity



This is a science experiment that we did in class. We are sending it home to extend on our experiment. (The directions are attached.) Follow the steps and then have your child describe what is going on and why it is happening. Then, try to grow your ice really tall and have your child measure it.

What happened to the ice?

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How tall did it grow?

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Why did this happen to the ice?

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Child's name \_\_\_\_\_ Full Day

Name of adult who helped (print) \_\_\_\_\_

Adult signature \_\_\_\_\_

Date \_\_\_\_\_

Time spent (circle one) 30 min 1 hr. 1.5 hrs 2 hrs

Verified by staff \_\_\_\_\_ Date verified \_\_\_\_\_

Thank You,  
Miss Christina and Miss Alycia

ELS Strands:

3.2 Measurement

4.1 Observation and Reporting

4.2 Prediction

4.3 Investigation

## **Directions**

**Step 1:** Put a bottle of water in the refrigerator for about 2 hours and 45 minutes. Check periodically, because you just want it really cold, not frozen, or chunks of ice in it. (You can also use food coloring to color the water first if you would like. Then, you could grow different colors at the same time.)

**Step 2:** You will need enough ice cubes to fill your container you are using. (I wouldn't use a big container, I would use a cup. Also, use something to put the cup on in case it overfills.)

**Step 3:** After the time is up on the water bottles, add the ice to a cup and then slowly pour the water over the ice. Pour very close to the ice and then lift up as it grows.

**Step 4:** Measure how tall the ice has gotten and discuss why.

**Step 5:** Have FUN!!

