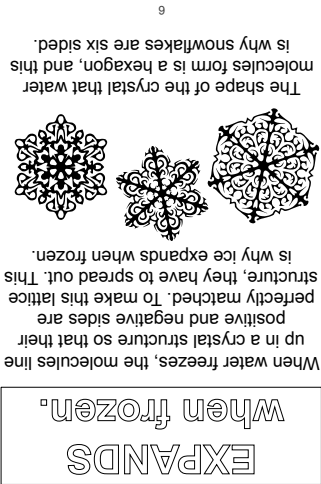


SCIENCE MOM

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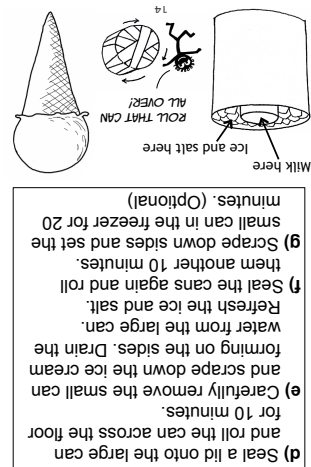
1. Frost Wedging

Materials:

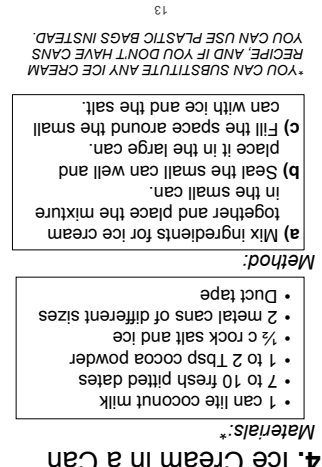
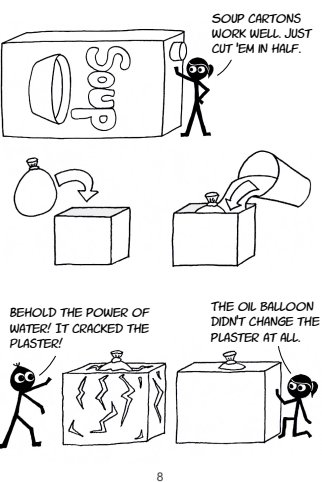
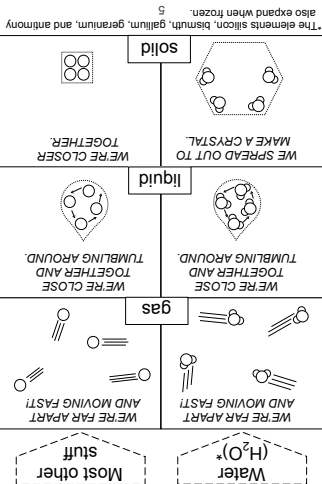
- Water
- Oil
- 2 identical containers
- Plaster of Paris or gypsum
- Balloons
- Freezer

Method:

- Fill one balloon with water and one balloon with oil (optional).
- Prepare containers for plaster, for example, by cutting a small cardboard container in half.
- Place balloons in containers.
- Mix plaster & water according to directions and pour it in the containers around the balloons.
- Let dry and then freeze. Remove containers and observe.

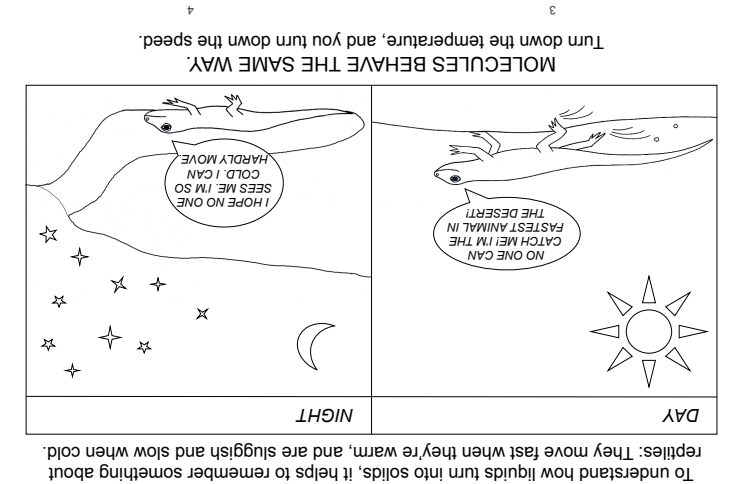
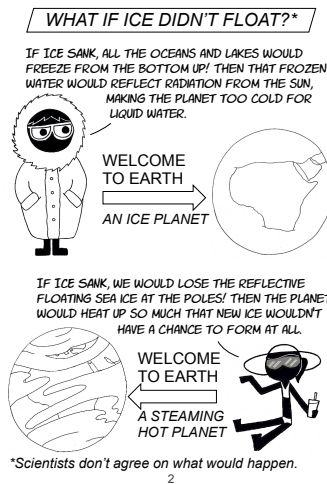
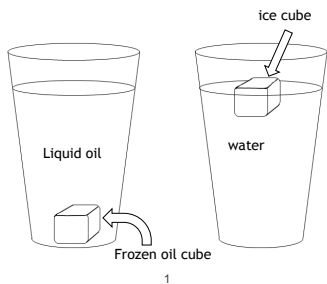


SCIENCE MOM'S Guide to WATER, Part 4



Ice floats in liquid water, but the OPPOSITE happens for most other substances!

To see the "regular" way solids behave, place a frozen cube of oil into a cup of liquid oil. It will sink straight to the bottom.



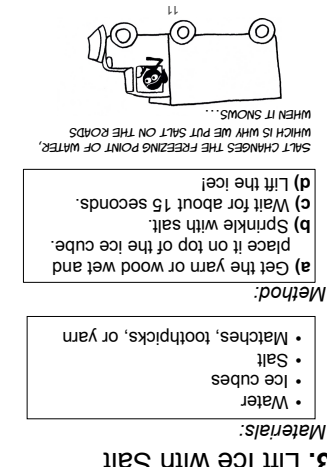
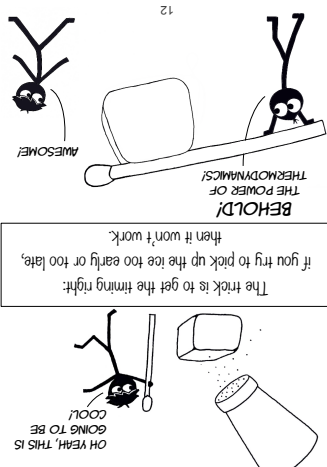
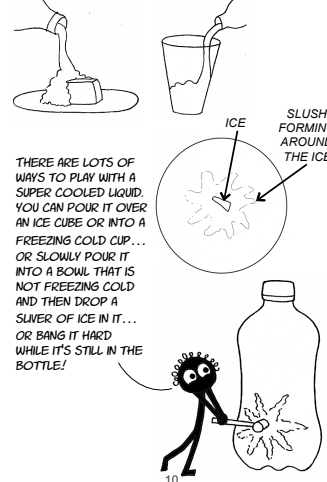
2. Magic Slushy

Materials:

- Bottles of carbonated soda
- Freezer
- Cup and spoon

Method:

- Place the bottle of soda in the freezer for 3 hours. (YOU MAY WANT TO PLACE SEVERAL IN THE FREEZER AND TAKE THEM OUT AT 30 MINUTE INTERVALS ONCE THEY'VE BEEN IN THE FREEZER FOR AN HOUR. THE CORRECT TIME TO REACH THE "SUPER COOLED" STATE WILL VARY BY FREEZER.)
- Remove soda and be careful not to bump or jar it too hard. Open lid *slowly* and pour soda into an ice-cold cup. If it is super-cooled, it will freeze into a slushy as it is poured.



3. Lift Ice with Salt

- Materials:**
- Water
 - Ice cubes
 - Salt
 - Matches, toothpicks, or yarn

Method:

- Get the yarn or wood wet and place it on top of the ice cube.
- Sprinkle with salt.
- Wait for about 15 seconds.
- Lift the ice!

4. Ice Cream in a Can

- Materials:**
- 1 can lite coconut milk
 - 7 to 10 fresh pitted dates
 - 1 to 2 Tbsp cocoa powder
 - 1/2 c rock salt and ice
 - 2 metal cans of different sizes
 - Duct tape

Method:

- Mix ingredients for ice cream together and place the mixture in the small can.
- Seal the small can well and place it in the large can.
- Fill the space around the small can with ice and the salt.

*YOU CAN SUBSTITUTE ANY ICE CREAM RECIPE AND IF YOU DON'T HAVE CANS YOU CAN USE PLASTIC BAGS INSTEAD.

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