

## Science1.1activity2

### States of Matter Experiment – Whole Group

#### 1. Create an Iceberg

Fill a plastic container and mark the water level on the side of the tub. Place the water in the freezer overnight. Return to discover that the water level has risen as the liquid turns to solid. This is due to expanding water molecules.

NB: do not make the container too large or steps 2 & 3 take longer. This makes it difficult for whole group as students are waiting to see what happens.

Revised from

Read more: Science Fair Project on Liquids, Gases and Solids | eHow.com  
[http://www.ehow.com/info\\_10041550\\_science-fair-project-liquids-gases-solids.html#ixzz2PhsVvPFK](http://www.ehow.com/info_10041550_science-fair-project-liquids-gases-solids.html#ixzz2PhsVvPFK) Changing states of matter experiment

#### 2. Melt an Iceberg

Place the iceberg in a pan on a hot plate.  
Students observe what happens as a whole group.

#### 3. Turning Liquid to Steam

Continue heating the liquid.  
Students observe what happens as a whole group.

#### 4. Turning Steam to Liquid

Put some dry ice in a metal bowl with a little water (to represent clouds).  
Hold the bowl above the stream being formed in step 3. As the steam hits the bowl it will condense and return to the liquid state. A metal bowl will make the droplets easier to see than a glass bowl.



# My Experiment

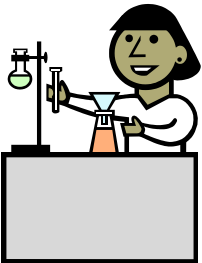


## OUR QUESTION



## OUR EQUIPMENT (list and draw)

## METHOD (what DID we do?) WRITE AND DRAW



1.



## MY PREDICTIONS (what I think will happen)



## RESULTS (what DID happen?) WRITE AND DRAW



## WHY DID THIS HAPPEN?

