

MELTING ICE BERGS

Need:

Measuring Cups

X 2 Ice Tray

X2 (*Same Sixe*) Empty large plastic containers
(*ice-cream or butter*)

Freezer

Water

Wood - *Must have a flat area* (To demonstrate a floating island)

Sink or Bath or Blow Up Pool

Vivid



How to:

Measure out the water you use and record it as you fill up the ice tray and various other containers with water to make ice

Place in freezer for ice to form

What was the total amount of water you froze?

If you divide it into 2 it is: _____

Test 1:

Fill the sink, pool, bath 1/4 fill with water and add in 1 tray of ice cubes and 1 large container of ice

Mark the top of the water on the side with a vivid

Wait for all the ice to melt

Has the water level risen?



When sea-ice melts the sea-level stays the same.

Test 2:

Fill the sink, pool, bath 1/4 fill with water

Add in the piece of wood

On the woods flat spot add the ice, add in 1 tray of ice cubes and 1 large container of ice

Mark the top of the water on the side with a vivid

Wait for all the ice to melt

Has the water level risen?

When land ice melts the sea-level rises.

