

Year 4 Term 5 Week 3 Topic Investigation

Investigation into how the greenhouse effect is changing the temperature of the World.

1. Fill two glasses/jars of equal size each with the same amount of cold water. Put five ice cubes in each glass, then wrap **one** in a plastic bag/cling film and seal it tightly (try to recycle this afterwards).
2. Place both glasses in the sun for one hour, then measure the water temperature in each glass using

a household thermometer.

If you don't have a thermometer

you could try using just five ice

cubes in each glass with no

water and watch what happens

to them.

3. Predict what will happen to the temperature of the water over time or what will happen to the Ice cubes in the glass/jar.

The glass/jar covered in plastic

should be warmer because the

bag will have trapped heat in

the same way that greenhouse

gases trap heat in the

atmosphere.