

THE WATER CYCLE

Activity 2

Water Cycle Experiment

You will need – a large clear glass bowl, a small bowl, cling film and a weight (or a pebble)

Step 1 Put some water into the bottom of the large glass bowl

Step 2 Place the small bowl carefully in the centre of the large bowl

Step 3 Cover the top of the large bowl with cling film so there are no gaps. Don't pull it too tightly.

Step 4 Place a weight in the centre of the cling film so the film sags in the middle

Step 5 Place the bowl in direct sunlight and leave it for a few hours

The sun will heat the water in the bowl causing it to evaporate into water vapour. This will then rise, hit the cling film, cool and then condense forming water droplets. The droplets will continue to collect on the cling film until they become too heavy to stay there. They will then drip down and fall into the small bowl in the centre. The weight is there to provide a sloping surface for the water to drip down and guide it into the smaller bowl.

