

## How to make your own Water Cycle

### **You will need:**

A large transparent bowl,  
A small transparent bowl,  
Hot water,  
A few cubes of ice,  
Spoon,  
Cling film,  
Salt



1. When you are ready, ask your teacher to pour some hot water into your large bowl. You must act quickly, but safely, to ensure that you reach 4. as soon as possible.
2. Shake a little salt into your water and stir with the spoon. This is to make the water salty like the ocean!
3. Place the small glass bowl into the middle of your 'ocean'. The small glass bowl is now your land!
4. Put the cling film over the top of your large bowl. Do not leave any gaps. The cling film is going to act like a layer of clouds.



5. Place your ice cubes on top of the cling film. This will create a 'cool atmosphere' over your 'land'. Wait 10 minutes to see the precipitation.



Once the hot water from the 'ocean' (large bowl) evaporates, you can see condensation on the 'clouds' (cling film) and the condensation precipitates as it is cooled by the cold atmosphere (ice cubes). The sides of the bowl may look like they have condensation covering them, but this is actually precipitation, falling from the cold atmosphere.

6. After 10 minutes, take the cling film off. Has any precipitation fallen on the land? (Can you see water in the small bowl?)