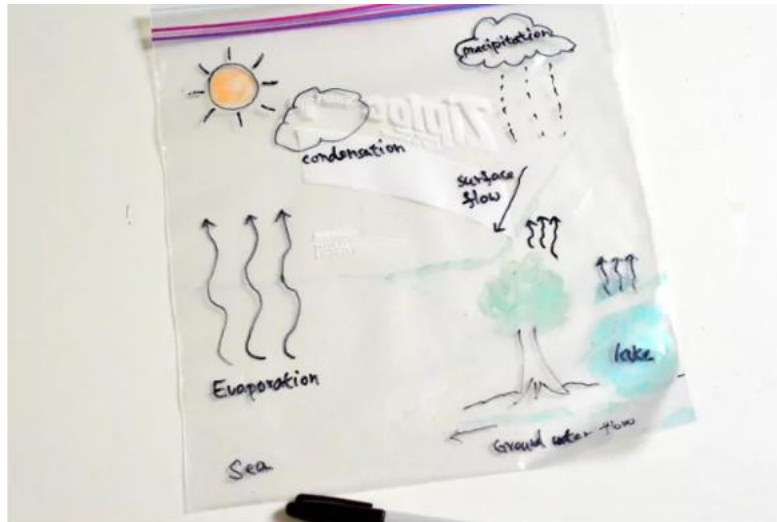


Water Cycle Experiment Instructions

1. Draw the water cycle diagram on your plastic wallet (biro or sharpie pens/permanent markers work best).



2. **With an adult**, warm up some water in a pan the water until steam starts to rise but do not let it boil. **Do not try this without an adult.**
3. If you want to you could add blue food colouring into the water to represent ocean water but you do not have to.
4. Pour the water into the plastic wallet and stick it together with sellotape.
5. Stick the bag upright on the window by putting strong sellotape along the top.
6. As the water evaporates, vapour rises and condenses at the top of the bag. A white patch can be seen resembling clouds in the upper atmosphere.
7. After a while, water droplets appear on the inside of the bag. As they become bigger, they will eventually slide downward. The sliding down resembles the flow stage that brings water back into the sea.
8. If the water is still warm or if the bag is left on the window facing sunlight, it will keep cycling through the four different stages of the water cycle.

Links to online learning:

<https://www.bbc.co.uk/bitesize/topics/zkkg87h/articles/z3wpp39>

<https://www.bbc.co.uk/teach/class-clips-video/geography-ks1--ks2-the-water-cycle/zbcmxyc>

<https://www.theschoolrun.com/homework-help/water-and-the-water-cycle>

<https://www.natgeokids.com/uk/discover/science/nature/water-cycle/>

<https://www.metoffice.gov.uk/weather/learn-about/weather/how-weather-works/water-cycle>

Magic School Bus – Season 2 Episode 6 (Netflix and Youtube)