

THE WATER CYCLE



CONDENSATION

PRECIPITATION

EVAPORATION

Hi, my name is **Professor H₂O** and I'm here to show you how the water cycle works.

Evaporation: Water in puddles, rivers, streams and oceans are heated by the sun. The water evaporates and turns from a liquid into a gas – known as water vapour.

Condensation: The water vapour rises up to the sky and starts to cool. As it cools, it changes from a gas into a liquid (water droplets) and these droplets create clouds.

Precipitation: The droplets eventually become too heavy and begin to fall as rain, hail, sleet or snow, returning to the puddles, rivers, streams and oceans from which they came... and the cycle starts again.



Be the scientist!

When does the water turn into vapour?

Can you think of a place in your home where this happens?

When does the vapour turn into droplets?

Can you think of a place in your home where this happens?

What happens when droplets get too heavy?

Where in the world does this happen the most?



World's wettest!

11,871

Mawsynram, located in northern India, is the wettest place in the world. It gets 11,871 millimetres of rain every year!