

Geography / science - L4 - Rivers and Cities

L.O: I know the water cycle.

Can you draw a diagram of a
V-shaped valley?

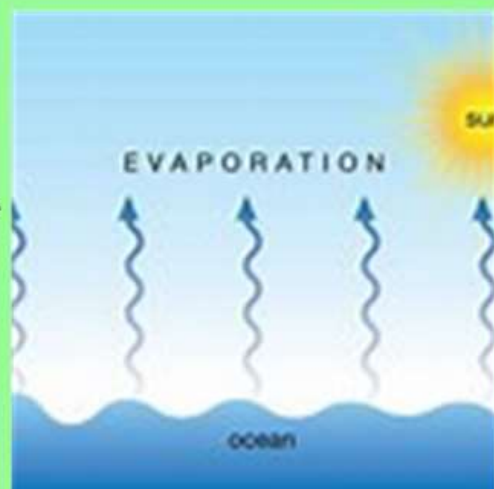
Watch this video below:

<https://www.youtube.com/watch?v=TWb4KIM2vts>

Evaporation

When water gets hot it
turns into a gas and rises.

This process is called
evaporation



Condensation

When the water that has evaporated hits something cold, it turns back into a liquid again.

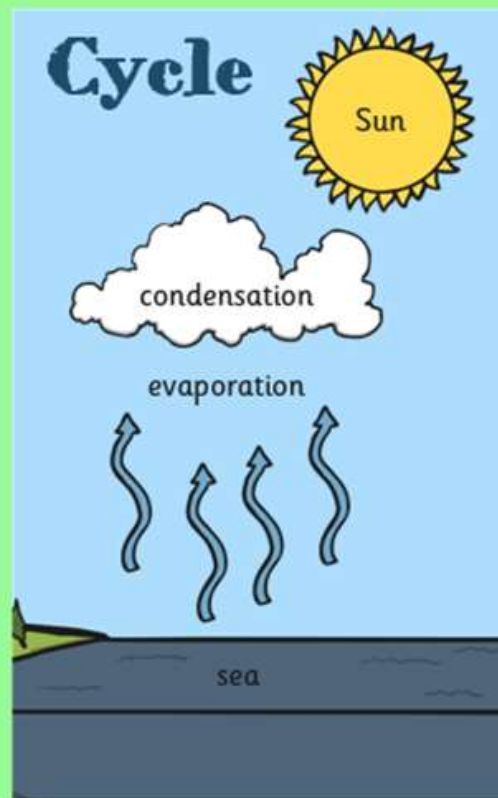


Condensation or Evaporation?



- | | |
|---|--------------|
| Washing drying on a line
A mirror misting in a bathroom
Puddles drying up
Paint drying
Car windows fogging up on a cold day
A hairdryer
Water droplets on the inside of a window
A plant's leaves wilting
Water droplets on a cold can of fizzy drink | Condensation |
| | Evaporation |

In the water cycle this happens on a large scale



The wind then blows the condensation (which looks like a cloud) inland, away from the sea.



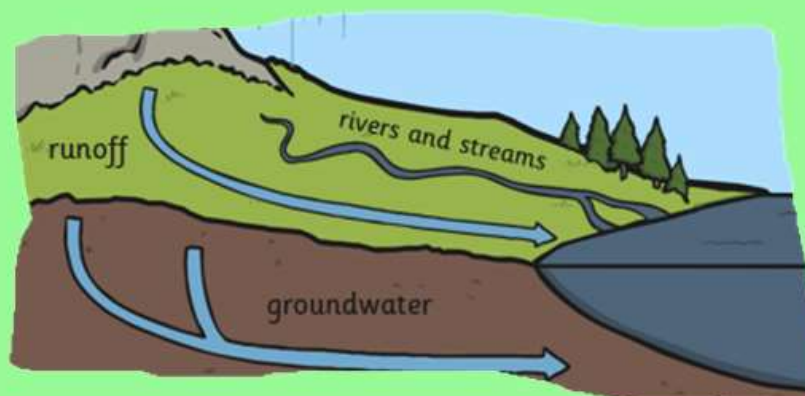
Eventually the cloud gets too full and the water falls as rain.



As we know, this water turns into streams and rivers.

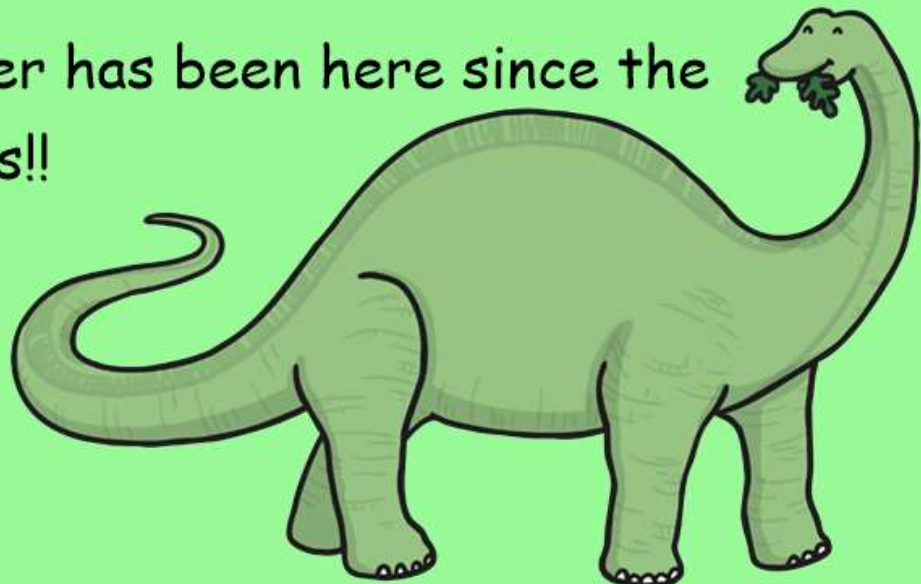
When the water runs down the hills, it creates rivers and streams.

Some of the water also soaks into the ground. This is called groundwater.



There has NEVER been any more or any less water in the water cycle that there is today.

Our water has been here since the dinosaurs!!



Can you complete the worksheet using the key words to fill in the blanks?

Colour in your worksheet when you have finished.