

## Badgery Science Fun 13

It had been a long, hot summer so far. The badgers in the wood were having a bad time! The worms had dug deeper, trying to find damp soil, and the badgers couldn't dig down to them.

Joe and Sam watched the sky. At last there were a few clouds scudding across the pale blue. After a short while, it began to rain. Heavily! "Thank goodness for the water cycle!" exclaimed Sam.



"What do you mean?" asked Joe.

Sam explained that the rainfall we get works in a cycle.

Water can come in three forms. Put a tick in the boxes to show each form of water.

	Different forms of water		
	liquid	solid	gas
water vapour			✓
rain	✓		
snow		✓	
ice		✓	

Sam went on to explain how the water vapour **evaporates** from the land, sea, and plants, (**transpiration**), and rises into the air and cools. It is then **transported** as clouds until it reaches land and rises even further into colder air. Then it begins to **condenses** into small drops of liquid water, around a speck of dust. The drops of rain fall back to earth as rain.

The rain sinks into the earth, watering the plants, (and animals!), and then flows into streams and rivers, on its way back to the sea.

"Well, at least the badgers will be able to feast on worms tonight," said Joe.

Could you draw a picture of the water cycle?



**transported, transpiration,  
evaporates, condenses**