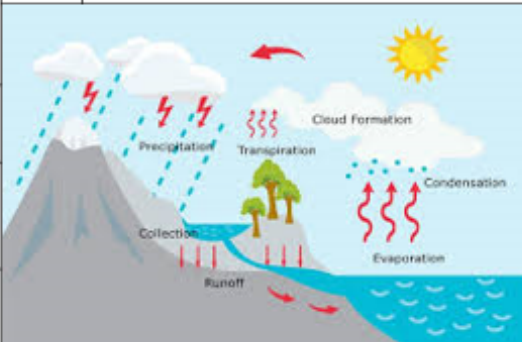


Year 4: Water Cycle Knowledge Mat

Subject Specific Vocabulary		Stages of the water cycle		Sticky Knowledge about water	
water vapour	Water that is in the form of gas.	1	The sun heats up rivers, lakes and the sea	1	Water can exist in three forms: liquid (water), solid (ice) or gas (water vapour).
condensation	When water vapour that is around us changes from a gas back to water.	2	Water evaporates into the air. This is called water vapour.	2	About 70% Earth is covered in water.
precipitation	Any watery substance such as rain, water, snow, hail or sleet that falls to Earth.	3	The water vapour rises, cools and turns back to water in the form of clouds.	3	There are underground reservoirs called aquifers.
evaporation	When liquid changes into gas, usually when it heats up.	4	The droplets in the clouds become too heavy and fall as rain, snow or hail.	4	Some water in the ground may stay there for thousands of years.
substance	Any solid, liquid, powder or gas is a substance.				
matter	Any solid, liquid or gas that exists in the universe.	5	The rain, snow or hail is then collected in rivers that run off to the sea.	5	Water can be used to create electricity through a hydro-electric power station.
lava	Very hot liquid that comes out of a volcano.	6	The cycle starts again.	6	The Nile is 4132 miles long, making it the longest river in the world.
solid	A substance that stays the same shape. <u>It</u> particles do not move				
liquid	Liquids will flow, it is made up of loosely packed particles.			7	Humans are made up of about 75% water.
gas	Gaseous matter is made up of matter that is so loose that it is always moving.			8	97% of water is in the oceans (this is salty water) and 2% is in the ice caps, leaving only 1% available for us to drink.
substance	Any solid, liquid, powder or gas is a substance.				