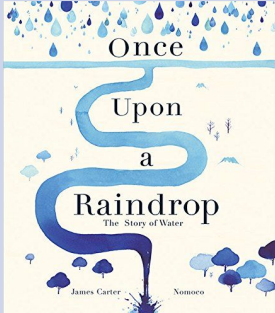

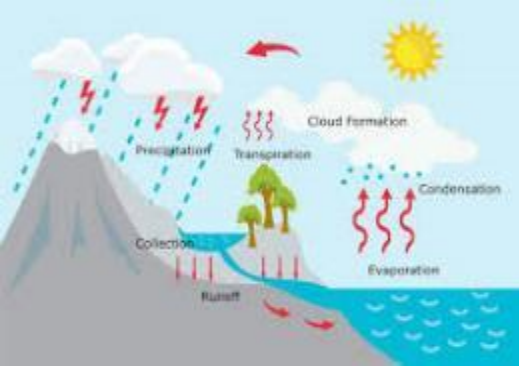


LKS2 States of Matter Knowledge Mat

Subject Specific Vocabulary		Interesting Reads	Sticky Knowledge about states of matter	
water vapour	Water that is in the form of gas.		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 liquid.		2	About 70% of Earth is covered in water.
precipitation	Any watery substance such as rain, water, snow, hail or sleet that falls to Earth.		3	There are underground reservoirs called aquifers.
evaporation	When liquid changes into gas, usually when it heats up.		4	Some water in the ground may stay there for thousands of years.
substance	Any solid, liquid, powder or gas is a substance.		Important facts to know by the end of the unit:	
matter	Any solid, liquid or gas that exists in the universe.		<ul style="list-style-type: none"> • Understand the terms: solid, liquid and gas and sort materials according to these properties. • Notice that some materials change state when they are heated or cooled. • Understand the water cycle. 	
lava	Very hot liquid that comes out of a volcano.			
solid	A substance that stays the same shape. Its particles do not move.			
liquid	Liquids will flow as they are made up of loosely packed particles.			
gas	Gaseous matter is made up of matter that is so loose it is always moving.			