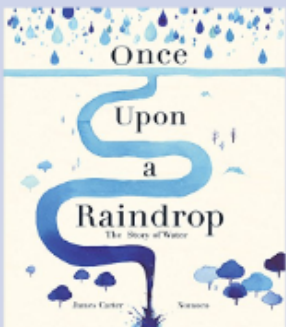

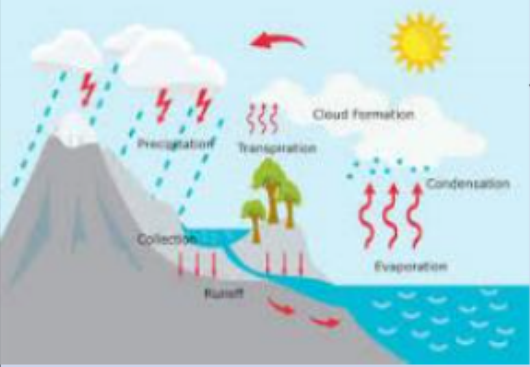


# LKS2 States of Matter Knowledge Mat

Subject Specific Vocabulary		Interesting Reads	Sticky Knowledge about states of matter	
<b>water vapour</b>	Water that is in the form of gas.	  	<b>1</b>	Water can exist in three forms: liquid (water), solid (ice) or gas (water vapour).
<b>condensation</b>	When water vapour that is around us changes from a gas back to liquid.		<b>2</b>	About 70% of Earth is covered in water.
<b>precipitation</b>	Any watery substance such as rain, water, snow, hail or sleet that falls to Earth.		<b>3</b>	There are underground reservoirs called aquifers.
<b>evaporation</b>	When liquid changes into gas, usually when it heats up.		<b>4</b>	Some water in the ground may stay there for thousands of years.
<b>substance</b>	Any solid, liquid, powder or gas is a substance.		<b>Important facts to know by the end of the unit:</b>	
<b>matter</b>	Any solid, liquid or gas that exists in the universe.			
<b>lava</b>	Very hot liquid that comes out of a volcano.		<ul style="list-style-type: none"> <li>• Understand the terms: solid, liquid and gas and sort materials according to these properties.</li> <li>• Notice that some materials change state when they are heated or cooled.</li> <li>• Understand the water cycle.</li> </ul>	
<b>solid</b>	A substance that stays the same shape. Its particles do not move.			
<b>liquid</b>	Liquids will flow as they are made up of loosely packed particles.			
<b>gas</b>	Gaseous matter is made up of matter that is so loose it is always moving.			