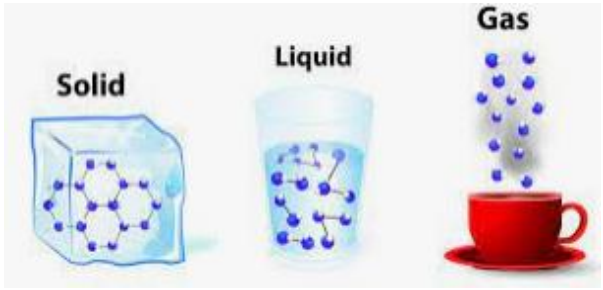
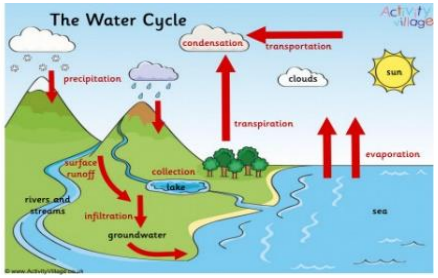
Knowledge Mat- LKS2 Science - Changing State

Subject Specific Vocabulary	
Condensation	The conversion of a vapour or gas to a liquid
Liquid	A substance that flows freely but is of constant volume, having a consistency like that of water or oil.
Evaporation	The process of turning from liquid into vapour.
States of matter	Solids, liquids and gases are called the three states of matter
Gas	A gas is a sample of matter that conforms to the shape of a container in which it is held.
Solid	Firm and stable in shape; not liquid or fluid.
Melting point	The melting point of a substance is the temperature at which it changes from a solid to a liquid.
Reversed	Turned the other way around or up or inside out
Freezing point	The temperature at which a liquid is turned into a solid when cooled.





Important facts to know by the end of the Science topic:

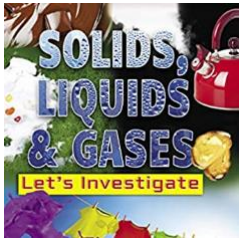
-Write a scientific definition for a solid, gas and liquid.

-Discuss the difference between particles that make up a solid, gas or liquid.

-Identify which materials can change state and/or be reversed.

- Know the different stages of the water cycle?

-Predict and test processes that can be reversed – condensation and evaporation.



Sticky Knowledge

- ❑ I know the definition of a solid, gas or liquid.
- ❑ I know how to group material based on their state of matter.
- ❑ I know about and can explore how some materials can change state.
- ❑ I know the difference between the particle in solids, liquids and gases.
- ❑ I know that different materials have different freezing and melting points.
- ❑ I know the process of evaporation and how to increase the rate of evaporation.
- ❑ I can explain condensation and when it happens, using diagrams.
- ❑ I know the different stages of the water cycle and explain the part that evaporation and condensation play within this process.

