

Rowan Class Knowledge Organiser - Changes

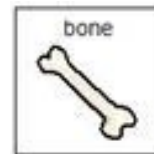
Key Vocabulary	Definition
Solid (noun)	A substance that has a fixed shape and volume.
Liquid (noun)	A substance that flows freely and takes the shape of the container.
Gas (noun)	A substance that has no fixed shape and is free to fill any space.
Changing state (verb)	Moving from one state to another.
Melting point (noun)	Temperature at which a given solid will melt.
Boiling point (noun)	Temperature when a liquid turns to a gas.
Water cycle (noun)	Way that water moves between being water vapor to liquid water and then back to water vapor.
Control (verb)	In a science investigation, this means to keep something the same.
Variable (noun)	Things you can change within a science investigation (from the root word <i>vary</i> meaning change).

Matter usually exists in one of three states:



Solid

Has fixed shape and volume



bone



toothbrush

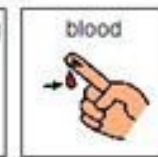


Liquid

Takes shape of container
Forms horizontal surface
Has fixed volume



salad dressing



blood



Gas

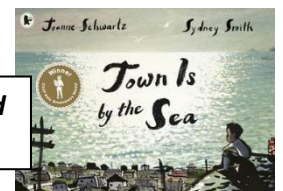
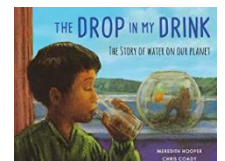
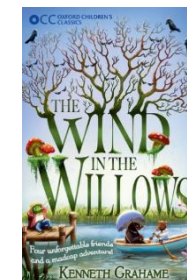
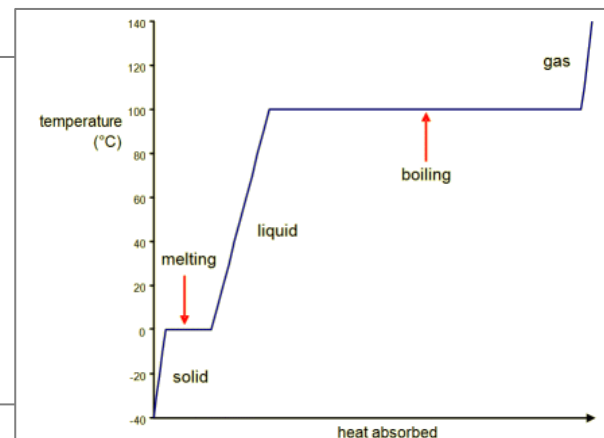
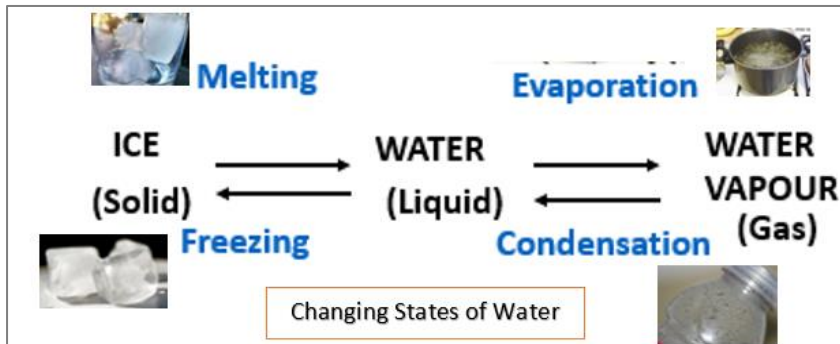
Expands to fill container



hot air balloon



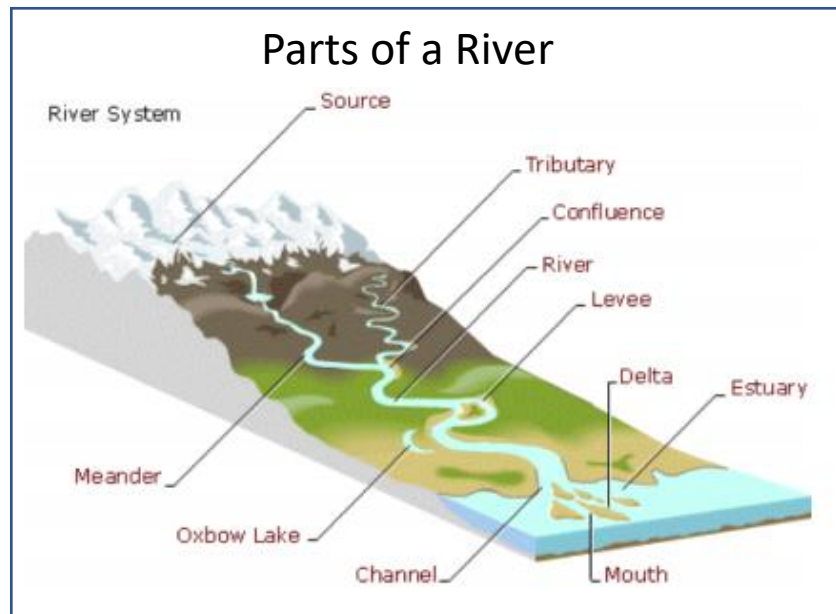
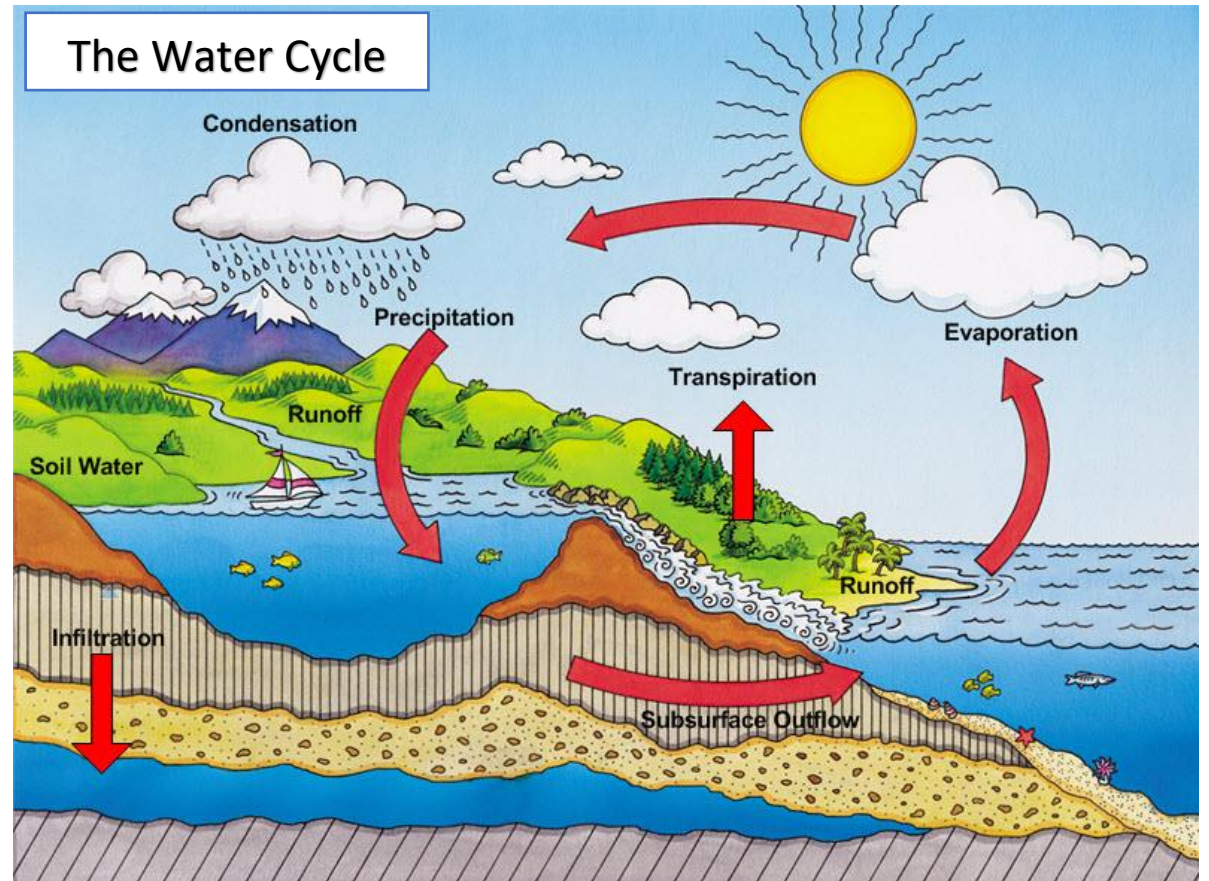
steam



Recommended Reads

Rowan Class Knowledge Organiser - Changes

Key Vocabulary	Definition
River <i>(noun)</i>	A flowing, moving stream of water.
Lake <i>(noun)</i>	A large body of water, surrounded by land that is not part of the ocean.
Sea <i>(noun)</i>	A huge body of salt water.
Source <i>(noun)</i>	Where a river begins its journey.
Mouth <i>(noun)</i>	Where a river enters the sea.
Precipitation <i>(noun)</i>	Any water that falls to the ground, including rain, snow, sleet, hail etc.
Flow <i>(verb)</i>	To move in a steady and continuous way.



Things To Do:

- Research the world's largest rivers. Which continent are they on? Which country is their source? Which sea or ocean do they flow into?
- Visit a local river. Draw a diagram of what you can see. Does the river change at different times of the year or in different weather conditions?
- Help with cooking at home. Can you use scientific words to describe what is happening? (e.g. melt, evaporate, boil, freeze, solidify)