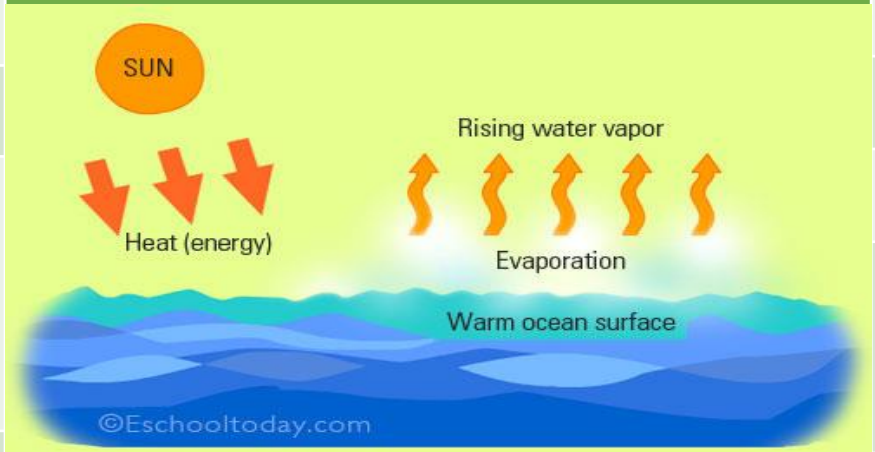
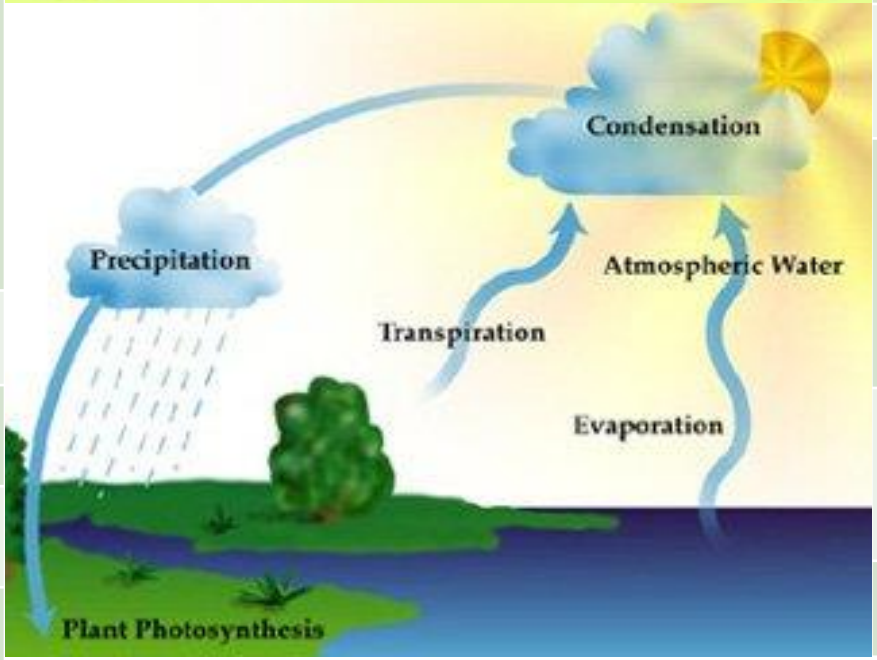
Blue Planet

Subject Specific Vocabulary

Evaporation	When matter changes from a liquid to a gas
Environment	The surroundings in which a person, animal or plant lives or operates
Condensation	When matter changes from a gas to a liquid
Water Cycle	the cycle of processes by which water circulates between the earth's oceans, atmosphere, and land, involving precipitation as rain and snow, drainage in streams and rivers, and return to the atmosphere by evaporation and transpiration.
Substance	A substance is matter which has a specific composition and specific properties. A substance- silver, gold, iron (not mixed with anything else) Not a substance- Salt water (mixed with something else)
Prediction	A statement about what might happen in the future.
Solid	Firm and stable in shape; not liquid or fluid.
Liquid	A substance that flows freely
Gas	A substance or matter that will flow freely to fill the whole of a container with no fixed shape or volume.





Sticky Knowledge

- ❑ Know about and explore how some materials can change state
- ❑ Know the temperature at which materials change state
- ❑ Know the part played by evaporation and condensation in the water cycle
- ❑ To know use their knowledge of the physical properties of solids, liquids and gasses to predict which category trickier substances belong to – foam, gels, toothpaste.
- ❑ To know how to construct and carry out an investigation into the freezing points of a variety of everyday substances.
- ❑ To use their scientific knowledge to predict how changes in our local environment would affect the living things there e.g. building a path would mean that plants would not grow there because the ground is trampled.
- ❑ To know and understand that water evaporates from seas and lakes to form clouds, and that this water vapour condenses into raindrops.
- ❑ To know and understand that water evaporates quicker at a higher temperature.