

Scientific enquiry:

- Ask relevant questions and use different types of scientific enquiries to answer them
- Set up simple practical enquiries, comparative and fair tests
- Make systematic and careful observations and, where appropriate, take accurate measurements using standard units, using a range of equipment, including thermometers and data loggers
- Report on findings from enquiries, including oral and written explanations, displays or presentations of results and conclusions
- Use results to draw simple conclusions

Vocabulary

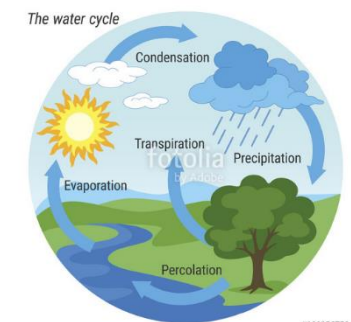
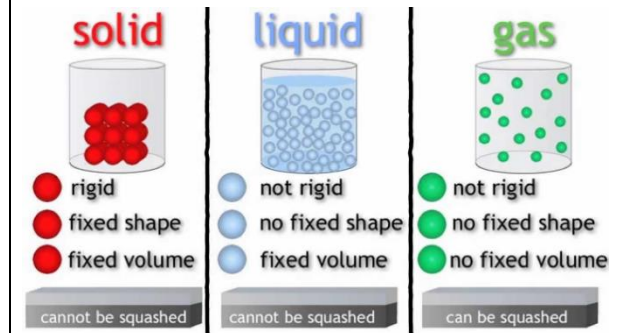
- **Expand** – to make something larger
- **Temperature** – how hot or cold something is
- **Celsius** – a unit of temperature
- **Heated** – when something warms up from its original temperature
- **Cooled** - when something cools down/becomes colder than its original temperature
- **Materials** – anything used for making something else
- **Freezing** - when a liquid becomes a solid
- **Water vapour** – gather together to help form clouds

Facts

- ✓ Solids have a fixed shape
- ✓ Liquids take the shape of their container
- ✓ Gases expand to fill the space
- ✓ States of matter can change
- ✓ Water is part of a continuous cycle
- ✓ **Precipitation** is rain, snow, sleet, or hail — any kind of **weather** condition where something's falling from the sky
- ✓ **Evaporation** is when the sun heats up water in rivers or lakes or the ocean and turns it into vapour or steam
- ✓ **Condensation** is the process in which gas changes into a liquid when it touches a cooler surface
- ✓ **Transpiration** is the process where plants absorb water through the roots and then give off water vapour through pores in their leaves

Images

States of matter



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