

Year 4

Science: States of matter (full term)

Learning to Recap:

Godmanchester
Community Academy

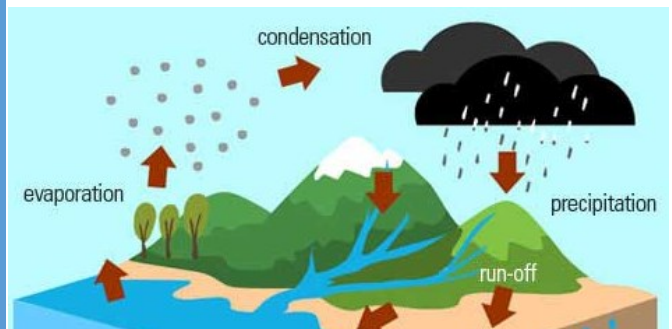
New Knowledge and Vocabulary

| | |
|--------------|--|
| Matter | Anything physical (not abstract nouns). Made up of molecules. |
| Solid | Matter which will hold its shape (table, ruler, rocks). |
| Liquid | Matter which will spread to fill a container (water, PVA glue, oil). |
| Gas | Matter which would escape from a container (oxygen, carbon dioxide, nitrogen). |
| Evaporation | Process of a liquid turning into a gas (including water vapour). The higher the temperature the, the faster the rate of evaporation. |
| Condensation | Process of a gas (including water vapour) into a liquid. Condensation is often seen on windows as water droplets. |
| Water Cycle | Circulation of water between water sources, land and the atmosphere. It is the process of evaporation, condensation and precipitation. |

Condensation



The water cycle



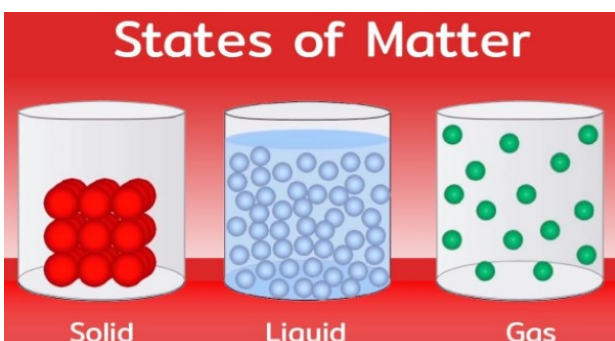
Because, but, therefore...

Jelly is a solid because...

Jelly is solid but...

Jelly is a solid therefore...

The 3 states of matter



Application of knowledge

Explanation text about how the water cycle works.

Build models demonstrating the water cycle and investigate how temperature affects this.

Investigation about rates of evaporation