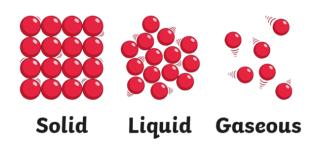


Knowledge Organiser — Year 4 — Science — Spring 1.





Key Aim

By the end of this topic, pupils will be able to identify objects which are solid, liquid or gas and describe their properties.

Solid An object which holds its own shape.

Liquid Usually wet, objects in this state of matter form a 'pool' and not a 'pile'.

Gas Objects that can escape from a sealed

container and take the shape of a room.

Condensation The cooling process to change from a gas to

a liquid.

Evaporation The heating process to change from a liquid

to a gas.

Freezing The process of changing from a liquid to a

solid.

Melting The process of changing from a solid to a

scientist and mathematician, made a famous discovery by accident while taking a bath!

Archimedes, an ancient Greek

liquid

We will learn about the properties of solids, liquids and gases, common objects of each and how they can change state.