Everything around us is made of matter. Matter simply means a material or substance. Matter commonly exists as **solids, liquids** or **gases**. Solids, liquids and gases are classified by looking at their properties and behaviours.
Solids are a definite shape.

Solids have strength and rigidity.

Solids hold their shape due to strong molecular bonds.

Solids are not able to be compressed or squashed.
Liquids have no definite shape.

Liquids take the shape of the container which holds them.

Liquids are not able to be compressed or squashed.

A liquid’s viscosity depends on the amount of internal friction.
Gas

- A gas has no outer surface.
- A gas will occupy completely any container it is in.
- A gas has no definite volume or shape.
- A gas can be expanded or compressed.
SCIENCE - LIQUIDS
It is not always easy to simply use the observable properties of an object to classify it as a **solid**, **liquid** or **gas**. This is because some objects are made of a combination of materials.

- Coke, Ice, glass and CO²
- Sponge and Water
- Air and Leather
- Liquid, Solid and Gas
- Liquid and Solid
- Gas and Solid