

Solids



- Solids stay in one place and can be held.
- Solids keep their shape. They do not flow like liquids.
- Solids always take up the same amount of space. They do not spread out like gases.
- Solids can be cut or shaped.
- Even though they can be poured, sugar, salt and flour are all solids. Each **particle** of salt, for example, keeps the same shape and volume.
- Heating some solids can turn them into liquids.



- Cooling a liquid can turn it into a solid.



Liquids



- Liquids can **flow** or be **poured** easily. They are not easy to hold.



- Liquids change their shape depending on the container they are in.
- Even when liquids change their shape, they always take up the same amount of space. Their **volume** stays the same.
- Heating a liquid can turn it into a gas.



Gases



- Gases are often invisible.
- Gases do not keep their shape or always take up the same amount of space. They spread out and change their shape and volume to fill up whatever container they are in.
- Gases can be squashed.
- Heating a liquid can turn it into a gas.



- Cooling a gas can turn it into a liquid.

