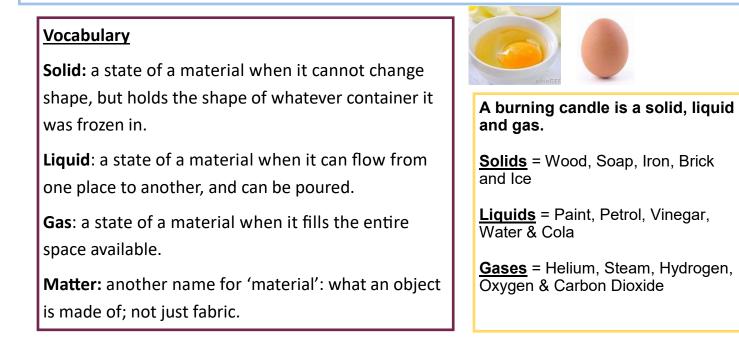
## Knowledge Organiser Science: States of Matter

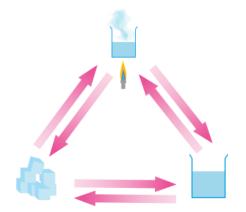
Everything on our plant 'Earth' is made of materials: <u>Solids</u>, <u>Liquids</u> and <u>Gases</u>. Different materials have different properties and can affect the jobs they are used for.

The three different properties of these materials are changing shape, flowing and changing its

## volume.



Flowing : Can the materials flow? *Liquids* and *gases* can flow, whereas *solids* cannot flow.





**Changing Volume** : Can the materials change their volume by being squeezed? A liquid and a solid material don't change very much in volume, but they can expand slightly when put under extreme temperatures (hot & cold). A gas can be changed by squashing it.





