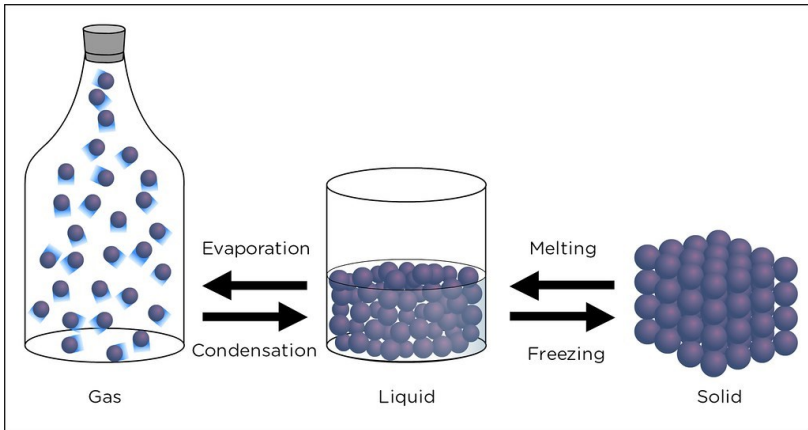


Y5: 'Alchemy Island' science knowledge organiser

Properties of materials



An **alchemist** is someone who attempts to change ordinary metals into gold.

A substance that dissolves in a liquid is called **soluble**. A substance that cannot dissolve in a liquid is called **insoluble**.

A **solution** is created by dissolving materials in a liquid. A **mixture** is a substance made by combining two or more different materials.

An **electrical conductor** is a material that allows electricity to flow through it. A **thermal conductor** is a material that allows heat to travel through it easily.

We can organise materials depending upon their texture.



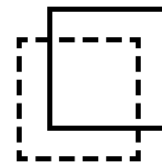
filtering



sieving



evaporation



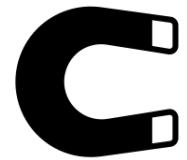
transparent












translucent



opaque



magnetism

 flexible	 rigid	 soft
 hard	 shiny	 dull
 magnetic	 strong	 fragile



alchemist