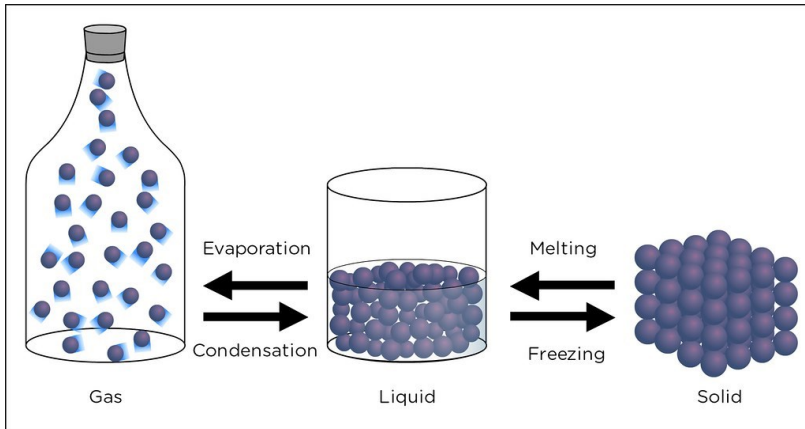


Y5: 'Island Explorers' science knowledge organiser

Properties of materials



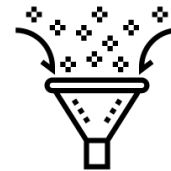
An **alchemist** is someone who attempts to change ordinary metals into gold.

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.



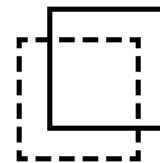
filtering



sieving



evaporation



transparent



translucent



opaque



magnetism



alchemist