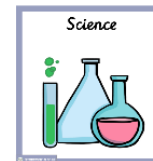


Science Knowledge Organiser

Alchemy Island



I already know:

- what objects are made from and talk about their properties.
- how to identify and name a variety of everyday materials and compare the suitability of a materials for a particular use.
- that some solid materials can be changed by twisting, bending, stretching or squashing an object.

Key Vocabulary:

Conductor	A material that heat or electricity can travel through.
Insulator	A material that does not let heat or electricity travel through it.
Transparency	A material that lets light travel through it.
Evaporating	When a liquid turns into a gas or vapour.
Condensing	When a gas cools and turns into a liquid.

I will learn:

- to compare and group together everyday materials on the basis of their properties.
- that some materials will dissolve to form a solution.
- that dissolving, mixing, and changes of state are reversible changes.
- that some changes form new materials and that this is not reversible.

Solids	Liquids	Gases
• stay in one place • keep their shape • do not flow • always take up the same amount of space • do not spread out • can be cut or shaped	• can flow or be poured • not easy to hold • change their shape to fit the container they are in • take up the same amount of space • volume stays the same	• often invisible • do not keep shape • do not take up the same amount of space • can change shape and volume • can be squashed