

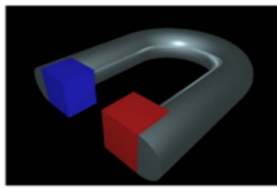
What should I already know?

- Science is a study of the world around you.
- Science involves proving theories.
- Everyone can be a scientist.

What will I know by the end?

- Some substances are soluble in water.
- How to effectively separate different materials.
- What effect different liquids can have on solids.
- Reversible and irreversible changes.
- New materials can be formed from irreversible changes

Separation



Methods of Separating:

- Sieving
- Filtering
- Evaporating
- Magnetism

Vocabulary

Dissolving: a solid incorporates itself with a liquid.

Equipment: a selection of tools for a purpose.

Evaporating: a liquid becoming a gas.

Fair Test: a controlled experiment.

Gas: a substance that is free to expand.

Investigation: research to find an answer.

Irreversible changes: a change that can't go back.

Magnetic: exhibiting magnetic properties.

Measurement: action of measuring something.

Observations: action of watching something or someone.

Oxidation: a chemical change to a material.

Predictions: action of predicting something.

Reversible changes: a change that can revert to what it was.

Separating: move materials apart.

Soluble: Can dissolve in a liquid.

Solvent: A liquid in which a substance is dissolved to make a solution

Theory: an idea you intend to explore/prove.

Variables: a factor that is liable to change.

Scientific Skills and Enquiry

- Scientific diagrams and labels.
- Predicting and drawing conclusions.
- Recording data.
- Planning, predicting and fair testing.
- Making observations.

Oxidation

