



Key vocabulary

Properties – the qualities and characteristics of a material (e.g. hard, waterproof).

Soluble – a material that can dissolve in a liquid, e.g. sugar or salt in water.

Insoluble – a material that does not dissolve in a liquid, e.g. sand or flour in water.

Reversible change – when a change can be undone to get the same substance back again.

Irreversible change – when a change cannot be undone to get the same substance back again.



What are the different properties of materials?

How can we test and compare materials?

Why are some materials better for certain jobs than others?

What is the difference between reversible and irreversible changes?

How can materials be separated from a mixture?

Why is it important to understand the properties of materials?

