

Year 5 Everyday Materials- What are the properties of different materials?

Glossary

- hardness- how hard a material is
- solubility- if a substance can dissolve in a liquid
- transparency- if you can see through an object
- conductivity- if a material lets electricity or heat travel through it
- solution- a mixture of two or more substances eg. water and sugar
- separated- when a mixture can be moved apart
- filtering- pass a liquid through a device to remove unwanted material
- reversible- can reverse back to original material

Grouping materials



Filtering

Sieving

Evaporating

Red Hill Riches

I know:

Some materials will dissolve in liquid to form a solution

Some substances can be recovered from a solution through evaporation

Mixtures might be separated through filtering, sieving and evaporating.

Some changes are irreversible

Linked Learning

Materials have different properties including magnetism, electrical conductivity,

Materials can be transparent, translucent and opaque

Materials can be grouped based on their properties