

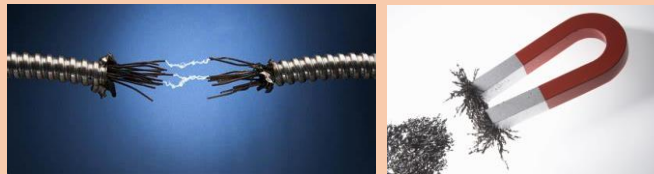
Year 5 Everyday Materials- What are the properties of different materials?



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

I know

-I know how to compare and group together everyday materials on the basis of their properties, including their hardness, solubility, transparency, conductivity (electrical and thermal), and response to magnets.

- I know that some materials will dissolve in liquid to form a solution, and can describe how to recover a substance from a solution.
- I have knowledge of solids, liquids and gases to decide how mixtures might be separated, including through filtering, sieving and evaporating.

-I know that some changes result in the formation of new materials, and that this kind of change is not usually reversible, including changes associated with burning and the action of acid on bicarbonate of soda.