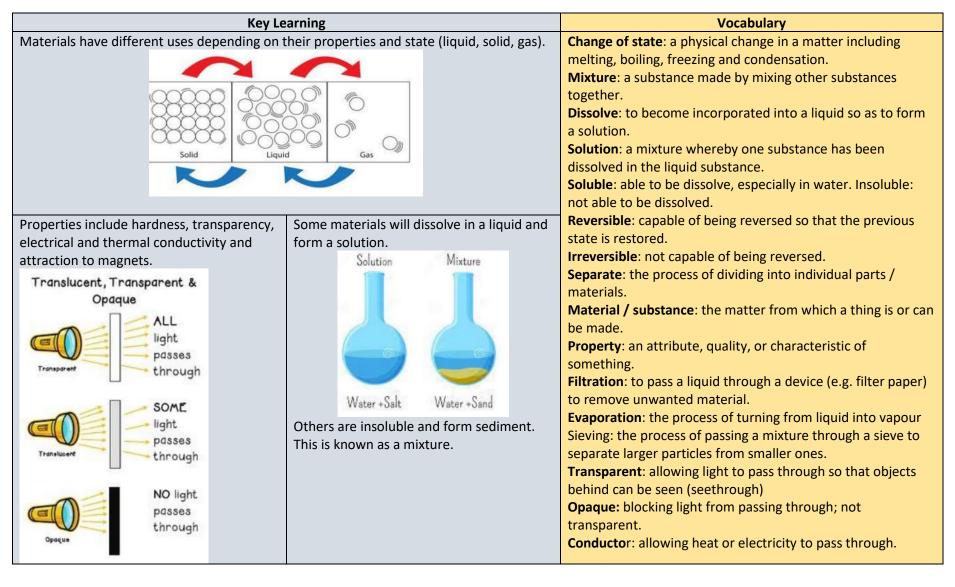
Properties and Changes of Materials – Year 5 & 6 – Spring 1 2025





Some changes to materials such as dissolving, mixing and changes of state are reversible, but some changes such as burning wood, rusting and mixing vinegar with bicarbonate of soda result in the formation of new materials and these are not reversible.



Lesson	Key Questions
1	How can we classify and group materials according to their properties?
2	Can I understand what thermal insulation is?
3	Can I investigate if materials are electrical conductors or insulators?
4	Can I explain how some materials will and won't dissolve in water?
5	Can I use the processes of magnetism, sieving, evaporation and filtration to separate a mixture of materials?
6	What are reversible and irreversible changes?