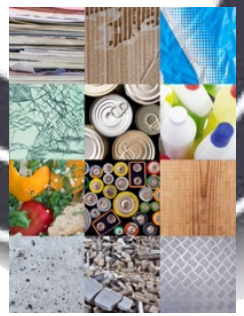
Upper Key Stage 2
Science – How can materials be changed?

Key Vocabulary

Materials, classify/group, properties, hardness, soluble, transparent, conductivity (thermal/electrical), dissolve, melt, freeze, solution, substance, irreversible, reversible, solid, liquid, gas, separation, filtering, sieving, evaporation, condensation, chemical change, reaction, change of state

Entry Point

What materials do I know?



Lesson 1

Can I compare a group of materials based on their properties?

Lesson 2

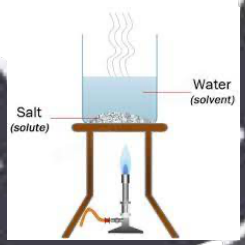
Can I show how certain everyday materials can be used?

Lesson 3

What is a solution?

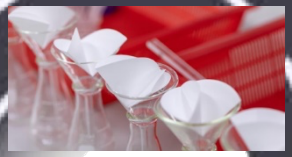
Lesson 4

How can I recover a substance from a solution?



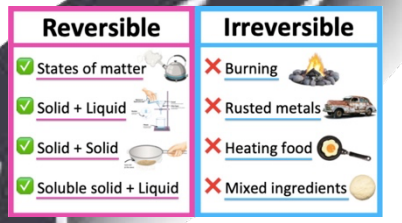
Lesson 5

What is the best way to separate mixtures?



Lesson 6

What is a reversible change and can I demonstrate it?



Lesson 7

Are all material changes reversible?

What enquiry types have I completed in this unit?

Exit Point

How can materials be changed?