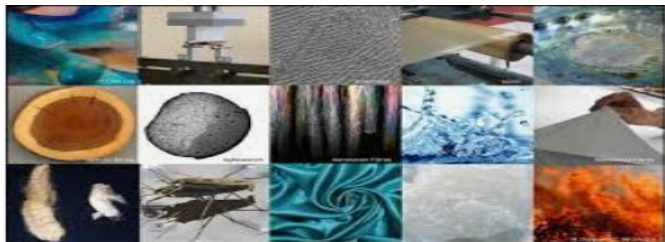


Science—Materials

Innovation

Prior Knowledge
 Year 2 Materials ,
 Year 5 Material consultants



How can we separate materials?



My Component Knowledge:

Lesson 1: I can define key terms and provide examples of them.

Lesson 2: To design, perform and record an experiment on the properties of magnetism.

Lesson 3: To ensure children know the difference between melting and dissolving.

Lesson 4: To suggest ways in which different materials can be separated.

Lesson 5: To identify and define the difference between reversible and irreversible changes.

Lesson 6: I can recall prior learning

My Composite Knowledge:

I can identify key characteristics of materials, magnetism and the difference between melting and dissolving.

My Powerful Knowledge:

I can identify features of materials and identify reversible and irreversible changes as well as the difference between melting and dissolving.

Key Vocabulary

Tier 1: Solid, Liquid, Gas, Magnet, Opinion, Fact

Tier 2: Variables, Accuracy, Line graph, Filter Scatter graphs

Tier 3: Soluble, Solute, Solution, Precision, Enquiry, Dissolve, Variables

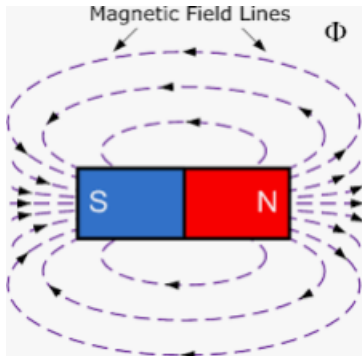
Insoluble, Sieve, Magnetism

Evaporation

Thermal insulator

Thermal conductor

Properties



What is an irreversible change?
 What is a reversible change?

