

Golden Concepts

Asking scientific questions

Planning an investigation

Collecting, presenting and interpreting data

Errors and uncertainty

Science in our world

Key Vocabulary

Reversible change	If you can get the substance that you start with back the reaction is reversible e.g. ice melting
Irreversible change	If you can't get the substance you started with back its irreversible e.g. wood burning
Melting	When a solid turns in to a liquid, like an ice-cream on a hot day
Freezing	When a liquid turns in to a solid, like water in the freezer making ice.
Material	Any substance that has a name
Plastic	A material which has been made by people and can be moulded into any shape.
Glass	A hard material you can see through
Metal	A hard material that is shiny
Wood	A hard material made from the trunk and branches of trees
Compare	Observe two things and say what is the same and what is different about them

Materials Changing materials KS1 - Knowledge Organiser

Uses of Materials: Simple discussions on the uses of everyday materials and why certain materials are suitable for specific purposes.

Material Changes: Basic understanding of reversible and irreversible changes in materials.



Melting Ice Cubes

