

Science Unit: Year 2 Spring 1

Uses of Everyday Materials and their Properties

To identify and name every day materials

To describe everyday materials and know some properties

To know how to change the shape of some materials

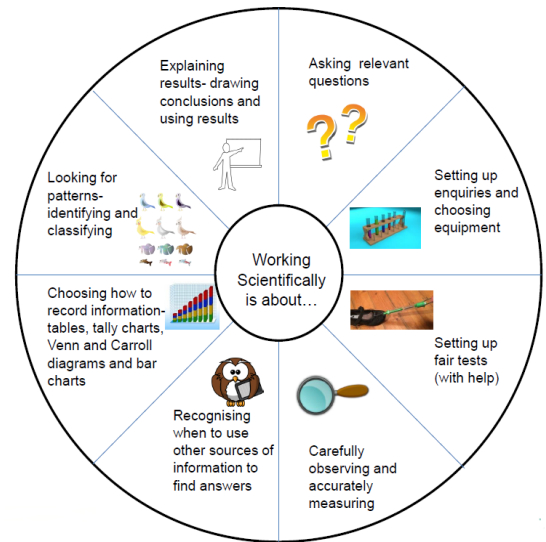
Prior Learning Y1

To be able to identify and name a range of different materials e.g. wood, plastic, metal, fabric and glass.

Future Learning

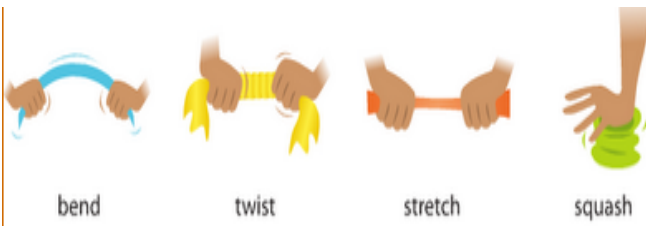
Y3 - Forces and magnets

Y4 – Solids, liquids and gasses



Images /Diagrams

Changing the shape of materials...



bend

twist

stretch

squash



metal



glass



plastic



fabric



concrete



wood



ceramic



rubber

Key Vocabulary

Hard	Not easily broken.
Soft	Not firm to touch.
Smooth	An even surface.
Rough	An uneven surface.
Shiny	Reflects light.
Dull	Lacking shine.
Transparent	Can be seen through.
Opaque	Cannot be seen through.
Rigid	Unable to be bent or forced out of shape.
Flexible	Able to bend.

key Questions

What materials do you know?

Can you describe that material?

Can you suggest reasons why a material may or may not be suitable for a particular purpose?

How can you change the shape of some materials?

Can you describe the changes in shape of materials that have been pushed, pulled, twisted, and stretched?