





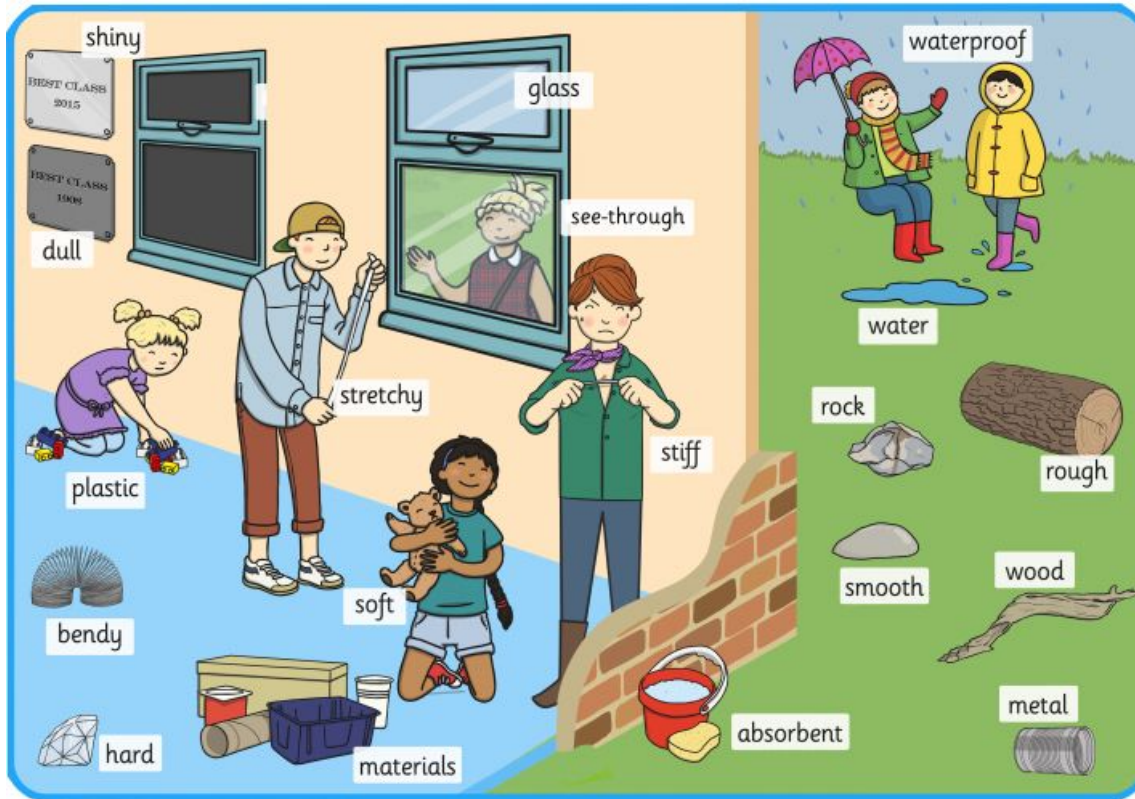


Key Information	
Wood	 <p>A hard substance that forms the branches and trunks of trees and can be used as a building material.</p>
Plastic	 <p>An artificial substance that can be shaped when soft into many different forms and has many different uses.</p>
Glass	 <p>A hard transparent material used to make windows, bottles and other objects.</p>
Metal	 <p>A material that is generally hard and strong and through which electricity and heat can travel.</p>
Water	 <p>A clear liquid without colour or taste, that falls from the sky as rain and is necessary for animal and plant life.</p>
Rock	 <p>The dry solid part of the Earth's surface.</p>

Materials and their properties



Key Vocabulary	
hard	It is not easily broken
absorbent	It soaks up water easily
soft	It is easy to cut, fold or change shape
see-through	A material like glass or clear plastic
stretchy	It can be made longer or wider without breaking
stiff	It doesn't change shape easily
bendy	It can be bent easily
waterproof	It keeps out water
shiny	It reflects the light easily
material	The 'stuff' that an object is made from
property	A way of describing the material

Science Knowledge Organiser - Working scientifically (KS1)

Children in Year 1 and Year 2 will explore the world around them and come up with their own questions. They will learn to work scientifically which involves:

Asking simple questions



eg) What if ? Where? How? Why? Which? How many?

Recognising that questions can be answered in different ways

Observing closely using their senses



Using their observations and ideas to suggest answers to questions

Using simple equipment eg) magnifying glasses, timers, thermometers

Performing simple tests

Identifying and classifying

Gathering and recording data to help answer questions

When working scientifically, we may be asked to record our findings:

Prediction: This is what we think will happen and is usually based on what we already know.

Results: We may be asked to write about or draw our results. Remember to use all of your senses **except taste unless your teacher says it is safe!**

