

Our School Values- Science	
Love	We show love by fostering a joy of discovery.
Courage	We show courage by being brave, challenging thinking, asking questions and investigating new ideas. We show courage knowing that we won't always find the answer.
Unity	We show unity by working collaboratively to discover more.
Inspira-tion	We show inspiration by not giving up and thinking creatively to seek answers.



Year 1 Science Materials



NC Objectives

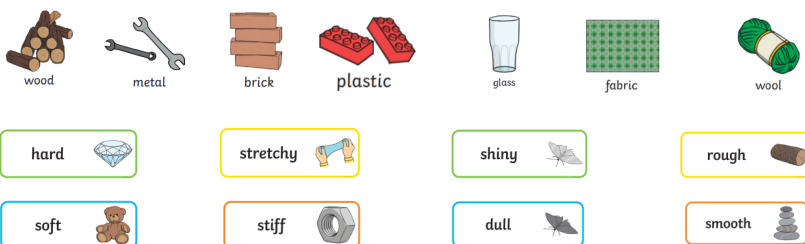
- distinguish between an object and the material from which it is made
- identify and name a variety of everyday materials, including wood, plastic, glass, metal, water, and rock
- describe the simple physical properties of a variety of everyday materials

Knowledge I already know

Children should know about similarities and differences in relation to places, objects, materials and living things. They talk about the features of their own immediate environment and how environments might vary from one another. They make observations of animals and plants and explain why some things occur, and talk about changes.






































Knowledge I will learn

All objects are made of one or more materials.
Some objects can be made from different materials e.g. plastic, metal or wooden spoons.
Materials can be described by their properties e.g. shiny, stretchy, rough etc.
Some materials e.g. plastic can be in different forms with very different properties.



Key Vocabulary

Word	Definition
Absorb	soak up liquids such as water
Rough	Bumpy, not flat
Smooth	Flat, even
Waterproof	Does not let in water
Metal	Hard and shiny material
Plastic	man-made material that can be easily shaped
Materials	What things are made of
Properties	the ways materials behave
Flexible	Bendy
Transparent	See-through
Opaque	Not see-through
Physical	about the way something can be felt, seen or heard

LI: What are materials?	LI: What are things made of in school?	LI: How can I describe materials?	LI: How can I describe materials?	LI: Which materials are waterproof and which are not?	LI: Which materials are waterproof and which are not?																								
Sensory exploration of materials. Sentences about what objects are made of.	Material investigation in the classroom.	Sorting objects	Describe the properties of materials.	Experiment	Interpret results																								
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