

Lunt's Heath Primary School – Knowledge Organiser

Science Focus

Everyday Materials

Year 1

Term Autumn 1

What? (Key Knowledge)

Materials

What does material mean?	All objects have a name like 'a door'. Material is the stuff an object is made from.
Everyday materials you need to know	<ul style="list-style-type: none"> • Wood • Plastic • Glass • Metal • Water • Rock

Names of some common properties of materials

Hard	Not easily broken
Soft	Easy to cut/fold or change shape
Stretchy	Can be made longer or wider without breaking
stiff	Doesn't change shape easily
Shiny	Reflects light easily
Dull	Not very bright or shiny
Rough	Has an uneven surface
Smooth	An even surface with no lumps and bumps
Bendy	Can be bent easily
Waterproof	Keeps out water
Absorbent	Soaks up liquid easily
Transparent	Easy to see through

Some common materials

Wood	Hard, strong, stiff
Plastic	Strong, shiny, bendy

glass	Transparent, smooth, stiff
Metal	Hard, strong, shiny
Water	Runny, wet, clear
Rock	Hard, strong

Possible learning experiences

- Find out the best materials to make an umbrella, a bookshelf..
- Use 'feely bags' to describe the properties through touch alone.
- Can we find an example of rough plastic, smooth plastic, transparent plastic, opaque plastic...

What? (Key Vocabulary)

Spelling	Definition/ Sentence
properties	A way to describe something.
Material	What an object is made out of.
Object	A thing that can be seen and touched.

Diagrams and Symbols

	
Wood	Plastic
	
Glass	Metal
	
Water	Rock