Uses of Everyday Materials Year 1/2 Summer Term

Materials and their uses

Material	Properties	Uses
wood 	opaque hard strong	table 
metal 	shiny smooth reflective	fork 
plastic 	waterproof bendy translucent	water bottle 
glass 	transparent waterpoof hard	window 
brick 	hard rough dull	wall 
rock 	strong hard rigid	fireplace 
paper 	tears easily translucent flexible	book 
cardboard 	dull non-reflective opaque	boxes 
fabric 	flexible Soft absorbent	clothes 

Key vocabulary - properties of materials

transparent	Completely see-through
translucent	Let some light through but not completely see-through.
opaque	Not able to be seen through.
flexible	Bends easily without breaking.
rigid	Unable to bend or be forced out of shape.
reflective	Reflects light easily.
non-reflective	Does not reflect light.
absorbent	Able to soak up liquid easily.

Changing materials

Prior learning:

- 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.
- Compare and group together a variety of everyday materials on the basis of their simple physical properties.

Can I answer:

- All objects are made of one or more materials chosen because they have suitable properties for the task.
- A material can be suitable for different purposes
- An object can be made of different materials
- Objects made of some materials can be changed in shape by bending, stretching, squashing and twisting.