








Key Knowledge

Object or material? An object is made from a material, for example, a teddy bear can be made from fluffy fabric to be soft or from metal as a charm on a bracelet.



A plate can be made of china, to be used every day or plastic for a child or paper for a party.

What are different things around our classroom made from?

 wood	 leather	 plastic
 metal	 glass	 paper

What words can I use to describe materials?

Materials

There are lots of different types of materials and they all have different **properties**. They can be...

hard **SOFT** **TRANSPARENT**
STRONG **flexible** **OPAQUE**
brittle **RIGID**
STRETCHY **HEAVY** **light**



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 How would you describe these materials?

Investigate

What are things around our classroom made from?
 How are they the same?
 How are they different?
 What is a good material to make a chair out of for one of the three bears?
 What materials can I find that are hard, soft, bendy, stiff, rough, smooth or shiny?

Key Vocabulary

bendy (flexible)	An object that bends easily into a curved shape
fabric	Cloth or other material produced by weaving together cotton, wool or other threads.
foil	Sheets of metal as thin as paper
glass	A hard, transparent material
hard	A material that is hard does not scratch or dent easily.
material	Metal, plastic, wood, glass... just some of the materials we use to make the things that surround us.
leather	A tough, flexible material, made from the skin of an animal.
metal	Substances such as iron, steel, gold, or lead.
plastic	A material which is light in weight and does not break easily.
properties	The qualities or features that belong to something and make it recognisable
rock	The hard substance from which the Earth is made.
rough	A surface that is uneven and not smooth.
shiny	A surface that is bright and reflects a lot of light.
smooth	A surface with no roughness, lumps, or holes.
soft	Not hard. Easily scratched or dented.
stiff (rigid)	A material that does not easily bend.
wood	The material from the trunk and branches of trees.