



Key knowledge:

Materials	
All objects have a name, such as a 'door'. Objects are made using different materials such as wood.	
Everyday materials you need to know	<ul style="list-style-type: none"> • Wood • Plastic • Glass • Metal • Water • Rock
Common properties of materials	
<p>Hard: Not easily break.</p> <p>Soft: Easy to cut, fold or changes shape.</p> <p>Stretchy: Can be made longer or wider without breaking.</p> <p>Stiff: Doesn't change shape easily.</p> <p>Shiny: Reflects light easily.</p> <p>Dull: Not very bright or shiny.</p> <p>Rough: Has an uneven surface.</p> <p>Smooth: An even surface with no lumps or bumps.</p> <p>Bendy: Can be bent easily.</p> <p>Waterproof: Keeps out water.</p> <p>Absorbent: Soaks up liquid easily.</p> <p>Transparent: Easy to see through.</p> <p>Opaque: Not able to see through.</p>	
Properties of above materials	
<p>Wood: Hard, strong and stiff.</p> <p>Plastic: Strong, shiny and bendy.</p> <p>Glass: Transparent, smooth and stiff.</p> <p>Metal: Hard, strong and shiny.</p> <p>Water: Runny, wet and clear.</p> <p>Rock: Hard and strong.</p>	

Key concepts:

Identifying	Describing
Distinguishing	Comparing
Grouping	

Key vocabulary:

Object	A thing that can be seen or touched
Material	The 'stuff' an object is made out of
Properties	A way to describe something
Liquid	Liquids can flow or be poured easily

Diagrams:

Everyday materials you need to know	
	
Wood	Plastic
	
Glass	Metal
	
Water	Rock

Possible experiences:

Find out the best materials to make different objects e.g. an umbrella, a bookshelf, a table.

Use 'feely bags' to describe the properties of different materials through touch alone.

Find examples of a material that had different properties e.g. rough plastic, smooth plastic, transparent plastic, opaque plastic.