

	Assessment guidance	Key learning	Key vocabulary
Everyday Materials	Shows understanding of a concept using scientific vocabulary correctly	<p>All objects are made of one or more materials that are chosen specifically because they have suitable properties for the task. For example, a water bottle is made of plastic because it is transparent allowing you to see the drink inside and waterproof so that it holds the water. When choosing what to make an object from, the properties needed are compared with the properties of the possible materials, identified through simple tests and classifying activities. A material can be suitable for different purposes and an object can be made of different materials.</p> <p>Objects made of some materials can be changed in shape by bending, stretching, squashing and twisting. For example, clay can be shaped by squashing, stretching, rolling, pressing etc. This can be a property of the material or depend on how the material has been processed e.g. thickness.</p>	<p>Names of materials – wood, metal, plastic, glass, brick, rock, paper, cardboard</p> <p>Properties of materials – as for Year 1 plus opaque, transparent and translucent, reflective, non-reflective, flexible, rigid</p> <p>Shape, push/pushing, pull/pulling, twist/twisting, squash/squashing, bend/bending, stretch/stretching</p>
	Applying knowledge in familiar related contexts, including a range of enquiries	<p>Classify materials.</p> <p>Make suggestions about alternative materials for a purpose that are both suitable and unsuitable</p> <p>Test the properties of materials for particular uses e.g. compare the stretchiness of fabrics to select the most appropriate for Elastigirl's costume, test materials for waterproofness to select the most appropriate for a rain hat</p> <p>Can sort materials using a range of properties</p> <p>Can explain using the key properties why a material is suitable or not suitable for a purpose</p> <p>Can begin to choose an appropriate method for testing a material for a particular property</p> <p>Can use their test evidence to select appropriate material for a purpose e.g. Which material is the best for a rain hat?</p>	