

Year 2
Everyday materials
Autumn 1

Week	NC objectives	REMEMBER (prior knowledge)	KNOW (new knowledge)
1 2 3 4 5 6	<ul style="list-style-type: none"> identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching 	<p>Distinguish between an object and the material from which it is made. (Y1 - Everyday materials)</p> <p>Identify and name a variety of everyday materials, including wood, plastic, glass, metal, water, and rock. (Y1 - Everyday materials)</p> <p>Describe the simple physical properties of a variety of everyday materials. (Y1 - Everyday materials)</p> <p>Compare and group together a variety of everyday materials on the basis of their simple physical properties. (Y1 - Everyday materials)</p>	<p>To know that all objects are made of one or more materials that are chosen specifically because they have suitable properties for the task.</p> <p>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.</p> <p>To know that 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.</p> <p>To know a material can be suitable for different purposes and an object can be made of different materials</p> <p>To know objects made of some materials can be changed in shape by bending, stretching, squashing and twisting. For example, clay can be shaped by</p>

			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.
Vocabulary	<u>Prior knowledge vocabulary</u> wood, plastic, glass, paper, metal, rock hard, soft, rough, smooth, shiny, dull, bendy, stiff	<u>New vocabulary</u> property, solid, waterproof, absorbent, opaque, transparent, squash, bend, flexible, twist, stretch push, pull, roll, slide, bounce, brick, fabric, elastic, foil	