

Year 1				
<i>Topic</i>	<i>Prior Learning</i>	<i>Present learning</i>	<i>Misconceptions</i>	<i>Future learning</i>
<p>Everyday Materials</p> <p>National Curriculum</p> <ul style="list-style-type: none"> 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. 	<ul style="list-style-type: none"> Use all their senses in hands-on exploration of natural materials. (Nursery - Materials, including changing materials) Explore collections of materials with similar and/or different properties. (Nursery - Materials, including changing materials) Talk about the differences between materials and changes they notice. (Nursery - Materials, including changing materials) 	<p>Knowledge and Understanding</p> <ul style="list-style-type: none"> -difference between an object and the material from which it is made -the name of a variety of everyday materials, including wood, plastic, glass, metal, water, and rock -simple physical properties of a variety of everyday materials <p>Investigations:</p> <ul style="list-style-type: none"> compare and group together a variety of everyday materials on the basis of their simple physical properties -plan a fair test to find out which material will keep your ice-lolly from melting -plan a fair test to find out which paper is best to clean a spill. -investigate which material will be best for making an umbrella <p>Vocabulary</p> <p>absorbent insulator absorbent opaque rough waterproof manufactured</p>	<p>Some children may think:</p> <ul style="list-style-type: none"> only fabrics are materials only building materials are materials only writing materials are materials the word 'rock' describes an object rather than a material 'solid' is another word for hard. 	<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. (Y2 - Uses of everyday materials) Find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching. (Y2 - Uses of everyday materials)