



## Materials – Knowledge Organiser Year 2 Autumn 2

Vocabulary		<p>It is important to know the difference between an object and a material.</p> <div> <p><b>Object</b> – something that you can see, touch or hold.</p>  <p>pencil spoon</p> </div> <div> <p><b>Material</b> – something that can be used to make an object.</p>  <p>wood metal</p> </div>	<p><b>Properties of materials</b></p> <p>In Science, a property is the appearance, characteristics and behaviour of a material.</p> <p>Glass is used for windows because it is transparent and waterproof.</p> <p>Metal is used for a spoon because it is rigid, smooth and waterproof.</p> <div> <p><b>Examples of Properties</b></p> <p>strong weak</p> <p>smooth</p> <p>soft hard</p> <p>brittle</p> <p>rough waterproof</p> <p>see-through</p> <p>rigid flexible</p> </div>
suitable	To be right for a purpose		
properties	A feature of a material, such as hard or soft		
invent	To be the first person to make or think of a thing		
inventor	A person who has invented something		
invention	A thing that has been made or designed by someone for the first time		
flexible	Something that bends easily		
rigid	Something that does not bend easily		
brittle	Something that is hard but easily breaks or shatters		
waterproof	Something that can keep water out		
variable	Something that can be changed (in an investigation)		<p><b>Charles Macintosh</b> was a British scientist. In the 1800s, he invented <b>waterproof fabric</b>.</p> 