

Y3 – Knowledge Organiser - Materials

Key Vocabulary

Materials and Their Properties



Absorbant – Soaks up a liquid.

Conductor - Substances that an electric charge or heat can pass through without difficulty.

Flexible – Capable of bending easily without breaking.

Insulator - Substances that an electric charge or heat can not pass through without difficulty.

Magnetic – Attracted to a magnet.

Material – The matter from which a thing is or can be made from.

Shiny – Reflecting light, typically because very clean or polished.

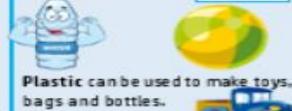
Soluble - Able to be dissolved, especially in water.

Strong – Does not break easily.

Transparent – Allows light to pass through so that objects behind can be seen.

Waterproof – Prevents water going through.

Materials and their properties

<p>Metals</p> <p>Strong</p> <p>Shiny</p> <p>Good electrical conductors</p> <p>The scissors are made from metal.</p> 	<p>Plastics</p> <p>Waterproof</p> <p>Transparent?</p> <p>Strong</p> <p>Plastic can be used to make toys, bags and bottles.</p> 	<p>Glass</p> <p>Transparent</p> <p>Thick glass = strong</p> <p>Windows and glasses are made from glass.</p> 
<p>Wood</p> <p>Strong</p> <p>The picnic table is made from wood.</p> 	<p>Fabrics</p> <p>Absorbent</p> <p>Flexible</p> <p>Good Heat Insulator</p> <p>Fabrics can be used to make clothes.</p> 	<p>Which is the strongest?</p> <p>Which is a good heat insulator?</p> <p>Can name some materials that are magnetic?</p> 