

# Knowledge Organiser

**Subject: Science-Physics**

**Main Learning: Uses and properties of different materials**

Key knowledge
<b>Know about the properties and uses of different materials</b>
Know why some materials are more suitable than others for specific uses
Know why glass, wood, plastic, brick or paper would be used for certain jobs
Know that some materials can be squashed, twisted or bent according to need
Know why certain materials are suitable for many different uses
Know about the lives of important people who have developed useful new materials

Vocabulary	
<b>stretching</b>	Is to change shape by pulling it to make it longer or wider
<b>squashing</b>	Is pushing things closely together
<b>bending</b>	Is changing the shape and direction of something
<b>twisting</b>	Moving one part clockwise and the other part anticlockwise
<b>John Dunlop</b>	A person who improved the tyres on cars. You may see tyres on cars with the name DUNLOP on them
<b>Charles Macintosh</b>	He invented mackintoshes which was a special type of coat. We use the word 'mac' today because of his invention



	<p><b>Prior Knowledge –</b></p>
---	---------------------------------