

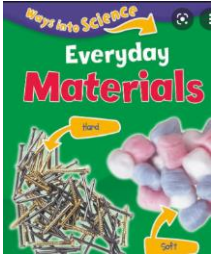
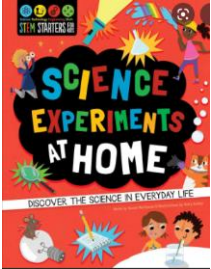






## YEAR 2 SCIENCE – Materials – Spring 2<sup>nd</sup> Half

Tier 3 Vocabulary	Knowledge Facts	Curriculum Books & Recommended Reads
<b>Materials</b> –What is used to make something, e.g plastic, wood, glass.	Most items in the classroom are made of plastic. This is because it is a cheap material to use, it is colourful and safe to use.	   
<b>Rigid</b> – Difficult or impossible to bend	Most items in the playground are made of wood. This is because it is strong and rigid and can withstand different types of weather.	
<b>Transparent</b> – Clear enough to be seen through	A material of an object can make it more or less suitable for different purposes.	
<b>Opaque</b> – Not transparent – doesn't let light through	Windows, cling film and marbles are transparent as they can be seen through.	
<b>Rough</b> – Not smooth, has an uneven surface	The shape of some objects can be changed because they are made from soft and flexible materials.	
<b>Squash</b> – To press down and flatten	<p><b>National Curriculum End Points</b></p> <p>I can identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses</p> <p>I can find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching.</p>	   
<b>Bend</b> – To make a curve in an object		
<b>Twist</b> – To turn in opposite directions so that parts of this same thing are turned away from each other		
<b>Stretch</b> –To pull apart		