

Key Vocabulary	
<b>materials</b>	<b>Materials</b> are what objects are made from.
<b>suitability</b>	<b>Suitability</b> means having the <b>properties</b> which are right for a specific purpose.
<b>properties</b>	This is what a <b>material</b> is like and how it behaves (soft, stretchy, waterproof).

**Squash** an object by pushing both hands together.



**Bend** an object by grabbing both ends of the object and bringing the ends inwards together.



**Twist** an object by turning your hands in opposite directions.



**Stretch** an object by pulling your hands slowly and gently apart.



**Key Knowledge**

**Properties of Materials**



**wood:**  
hard, stiff, strong, opaque, can be carved into any shape.



**glass:**  
waterproof, transparent, hard, smooth.



**plastic:**  
waterproof, strong, can be made to be flexible or stiff, smooth or rough.



**metal:**  
strong, hard, easy to wash.



**paper:**  
lightweight, flexible.



**cardboard:**  
strong, light, stiff.



**fabric:**  
soft, flexible, hard-wearing, can be stretchy, warm, absorbent.



**rubber:**  
hard-wearing, elastic, flexible, strong.

