

Key Vocabulary	Definition
<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).
<b>Scientist</b>	A <b>scientist</b> is a person who is studying or has expert knowledge of one or more of the natural or physical sciences.
<b>Investigation</b>	A scientific <b>investigation</b> is a plan for asking questions and testing possible answers.



**Wood**  
hard, stiff, strong,  
opaque  
Can be carved into  
any shape.



**Metal**  
strong, hard  
Easy to wash.



**Plastic**  
waterproof, strong  
Can be made to be  
flexible, stiff,  
smooth or rough.



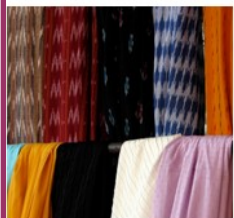
**Cardboard**  
strong, light, stiff.



**Paper**  
Lightweight,  
flexible.



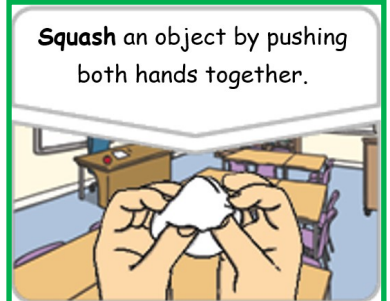
**Rubber**  
Hard-wearing,  
elastic, flexible,  
strong.



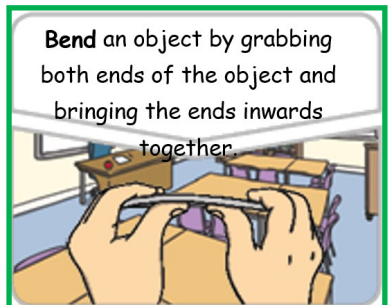
**Fabric**  
Soft, flexible,  
hard-wearing.  
Can be stretchy,  
warm, absorbent.



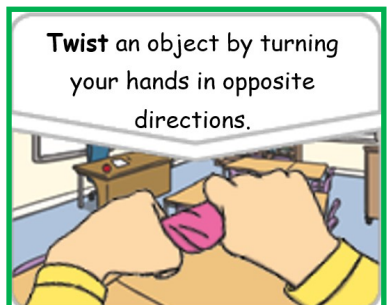
**Glass**  
waterproof,  
transparent, hard,  
smooth.



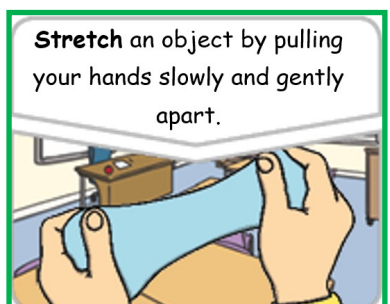
**Squash** an object by pushing both hands together.



**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.

