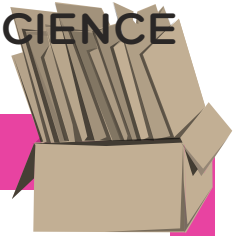




# Materials and Their Properties

KNOWLEDGE MAT

YEAR 2  
SCIENCE

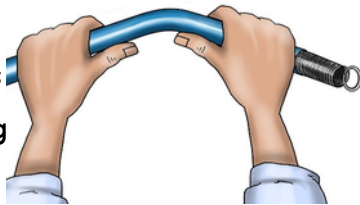


## KEY KNOWLEDGE



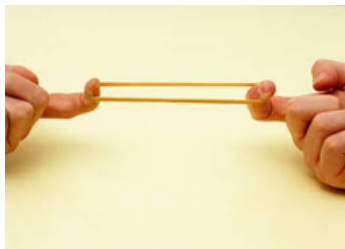
**Squash** an object by pushing both hands together.

**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 VOCABULARY

**Materials** = are what objects are made from.

**Suitability** = means having the properties which are right for a specific purpose/

**Properties** = This is what a material is like and how it behaves.

## KEY KNOWLEDGE



**Wood:** hard, stiff, strong, opaque, can be carved in to any shape.



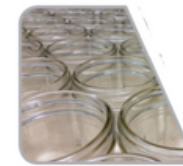
**Plastic:** waterproof, strong, can be made to be flexible or stiff, smooth or rough.



**Paper:** Lightweight, flexible.



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



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



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



**Cardboard:** strong, light, stiff.



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