

I learned a bit about
this in Year 1!

Year 2 Science Knowledge Organiser

Everyday Materials



Key Knowledge

In Year 1, we learned about some common materials: **glass, wood, metal, plastic, paper, fabric and rock.**

Some other commonly used materials are: **cardboard and brick.**

In Year 1, we learned the properties: **waterproof, water resistant, buoyant, flexible, magnetic and flexible.**

Some other properties of materials are: **opaque, transparent, shiny and dull.**

Some materials can change their shape and others can't. Some materials can change shape and stay that way, others can be changed but will return to their original shape afterwards.

You can test materials for different properties, but you have to do this fairly by only changing one thing at a time.

When you do an experiment, you can make a good guess about what you think will happen. This is called a **prediction** or a **hypothesis**.

Key Vocabulary

Opaque	When a material lets no light through. (Not see-through).
Transparent	When a material lets light through (see-through).
Translucent	When you can see some light but not all the details.
Shiny	An object that reflects lots of light.
Dull	When something is not very bright and does not reflect.
Bend	To use a force to make something straight or curved.
Twist	To curl something around itself.
Squash	To squeeze or flatten something into a new shape.
Stretch	Making something longer or wider without breaking or tearing.



Cardboard



Paper



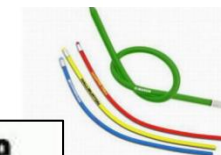
Brick



Squash



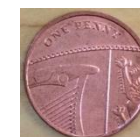
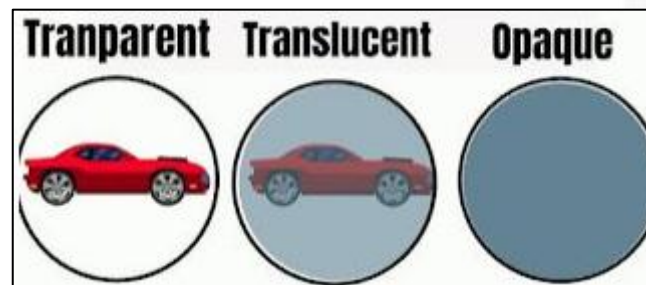
Stretch



Bend



Twist



Shiny



Dull