What I already know

Distinguish between an object and the material from which it's made.

A variety of everyday materials, including wood, plastic, glass, metal, water and rock.

The physical properties of a variety of everyday materials.

Compare and group a variety of everyday materials on the basis of their simple physical properties.

Learning Journey

Identify and compare the suitability of a variety of materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for different uses.

Find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching.

Year 2: Uses of Everyday Materials

Sometimes the shapes of materials can be changed by:

Squashing, Bending, Twisting and Stretching



Squash an object by pushing both hands together.



Twist an object by turning your hands in opposite directions.



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

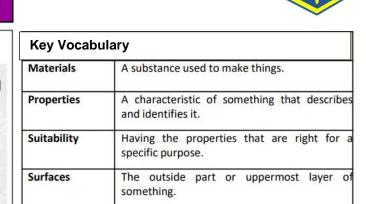


Stretch an object by pulling your hands slowly and gently apart.

Powerful Knowledge

Properties of different materials

Wood	strong, opaque, stiff, hard	
Plastic	bendy, smooth, translucent, stretchy	
Glass	transparent, hard, smooth, waterproof	
Brick	rough, strong, opaque, dull	
Paper	translucent, flexible, not waterproof	
Cardboard	rough, dull, opaque, not waterproof	
Metal	shiny, strong, opaque, hard	
Rock	rough, strong, opaque, hard	



different about something.

Types of material

Comparing







brick



Thinking about what is the same and what is









wood



stone



meta