



## Knowledge Organiser for Years 1 and 2

### Science - Uses of Everyday Materials

#### Types of material:



rubber



brick



plastic



sponge



glass



wood



stone



metal

#### 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

#### Key Vocabulary:

Material	A substance used to make things
Property	A characteristic of something
Transparent	Objects behind can be seen clearly.
Opaque	A material which does not allow light to pass.

#### Squashing, Bending, Twisting and Stretching



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.