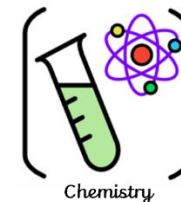










Year 2 Materials



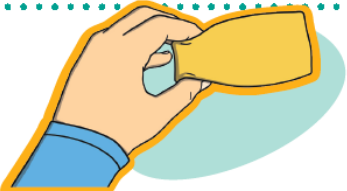
What are we learning?							
Explore materials	Wood, paper and cardboard	Brick and rock	Glass and plastic	Metal and Fabrics	Same object, different material	Test materials – bend, squash, twist and stretch	Waterproof experiment

Key vocabulary		
smooth	an even surface	
rough	an uneven surface	
flexible	can change shape easily	
rigid	cannot change shape easily	
brittle	easily broken	
transparent	materials you can see through	
translucent	materials that you cannot see clearly through	
opaque	materials you cannot see through	

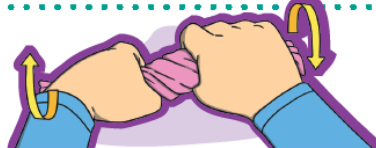
Key Knowledge

Some **materials** can change shape when you squash, bend, twist or stretch them. **Materials** that are soft, bendy or stretchy are often easier to change the shape of than **materials** that are hard, **rigid** or **strong**.


Squash an object by pressing on it.



Twist an object by holding both ends and twisting your hands in opposite directions.



Bend an object by trying to bring both ends towards each other.



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

