

Key Vocabulary

Absorbent	Able to soak up liquid.	Soft	Easy to bend or shape.
Bend	To take on a curved shape.	Stiff	Not easy to bend.
Fabric	Cloth that is woven or knitted.	Stretch	To spread out and make loose/flexible.
Flexible	Easily bend without breaking.	Strong	Not easy to break.
Hard	Not soft, solid, firm and tough.	Squash	To press, beat or crush flat.
Metal	A solid material that can conduct heat and electricity.	Suitable	Right for the purpose.
Opaque	Does not let light through.	Transparent	Lets light pass through.
Plastic	A material that can be shaped when soft.	Twist	To bend or turn.
Rigid	Difficult to bend.	Unsuitable	Not right for the purpose.
Rough	Having an uneven surface. Not smooth.	Use/Useful	Able to be used in a helpful way.
Rubber	A stretchy substance.	Waterproof	Does not let water through.
Smooth	An even surface.	Weak	Likely to break.

What I should already know?

- I know what an object is and what it is made from.
- I know and can identify a variety of different materials including wood, glass, plastic, metal and rock.
- I know the simple physical properties of everyday materials.
- I know how to group and compare some everyday objects.

What will I learn?

- I can identify the materials that everyday objects are made from.
- I can identify and describe the suitability of a variety of everyday materials
- I can find out how the shapes of solid objects can be changed by squashing, bending, twisting and stretching.
- I can investigate the stretchiness/stiffness and flexibility/rigidity.

What I will learn next?

In year 3:

- I will learn to compare and group together different types of rocks.
- I will learn about the forces of 2 objects.
- I will learn about magnetic forces.

