



Autumn 1

Science

Chemistry – Changing Materials



In this unit, we will be learning:

1. Which material should I use?
2. How can the shape of solid objects be changed?
3. Which material is the stretchiest?
4. Which materials are absorbed?
5. What is the difference between raw and synthetic materials?
6. Why do we change materials?

Subject Specific Vocabulary

materials	Materials are what objects are made from.
suitability	Suitability means having the properties which are right for a specific purpose.
properties	This is what a material is like and how it behaves (soft, stretchy, hard)
waterproof	Water cannot get inside
flexible	Means it is easy to bend and move
transparent	Means you can see through it
hard-wearing	Means it is tough and will last a long time
bending	Bend an object by grabbing both ends of the object and bringing the ends inwards together.
twisting	Twist an object by turning your hands in opposite directions.
stretching	Stretch an object by pulling your hand slowly and gently apart.
squashing	Squash an object by pushing both hands together,