




Changing Materials Year 2

<p>Science Concepts</p>	<p>Nature Knowing about the natural world</p>  <p>Nature</p>	<p>Phenomenon Observing facts and events</p>  <p>Phenomenon</p>	<p>The Real World Knowing about scientists and science in our everyday lives</p>  <p>The Real World</p>
<p>National Curriculum</p>	<ul style="list-style-type: none"> Identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, rock, paper and cardboard for particular uses Find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching 		<ul style="list-style-type: none"> Asking questions Performing test Observing and measuring Gathering recording data Identifying and classifying

Lesson	Learning Intention
1. Which material should I use?	<ul style="list-style-type: none"> • Common materials and their properties • Matching materials to uses based on their properties
2. How can the shape of solid objects be changed?	<ul style="list-style-type: none"> • Examples of solid objects • Squashing, bending, twisting, stretching • Testing different materials
3. Which material should I use?	<ul style="list-style-type: none"> • Identify common materials and their properties
4. Which material is most stretchy? (NAO)	<ul style="list-style-type: none"> • Testing the elasticity of different fabrics
5. Which material is most bendy?	<ul style="list-style-type: none"> • Testing the amount different materials can bend
6. Which materials are absorbent (NAO)	<ul style="list-style-type: none"> • Testing whether a variety of materials used are absorbent
7. What is the difference between raw and synthetic materials?	<ul style="list-style-type: none"> • Examples of raw vs synthetic materials (natural vs mad-made) • Sorting materials based on their properties
8. Why do we change materials?	<ul style="list-style-type: none"> • Comparing the properties of raw vs synthetic materials
9. Why do we change materials?	<ul style="list-style-type: none"> • Examples of material scientist
10. Why do we change materials?	<ul style="list-style-type: none"> • Examples of material scientist
11. Why do we change materials?	<ul style="list-style-type: none"> • Examples of material scientist
12. Review	<ul style="list-style-type: none"> • End of Unit Quiz