



# Year 2 - Home Isolation Science Learning Page



## Spring Term 1 2022

In Year 2 this half term the focus of our Science learning is '**Uses of Everyday Materials.**' Here is the key learning from the National Curriculum that will be covered:

Pupils should be taught to:

- identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, 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

The lessons below can also be used alongside the attached PowerPoint from The Association for Science Education.



Online Classroom



<b>Lesson 1</b> What is a material?	<b>Follow the link to the Oak Academy to complete a series of activities:</b> In this lesson, we will be introduced to what a scientist is. We will then be learning about materials and their properties. <b><u>You will need your home learning book to complete the activities.</u></b>	<a href="#">What is a material?</a>
<b>Lesson 2</b> Which material should I use?	<b>Follow the link to the Oak Academy to complete a series of activities:</b> In this lesson, we will be learning about materials and their properties. We will also learn why certain materials are used for specific purposes because of their properties. <b><u>You will need your home learning book to complete the activities.</u></b>	<a href="#">Which material should I use?</a>
<b>Lesson 3</b> How can the shape of solid objects be changed?	<b>Follow the link to the Oak Academy to complete a series of activities:</b> In this lesson, we will be learning about solid objects. You will be investigating how you can change the shape of solid objects using items in your home. <b><u>You will need your home learning book to complete the activities.</u></b>	<a href="#">How can the shape of solid objects be changed?</a>
<b>Lesson 4</b> Which materials is the stretchiest?	<b>Follow the link to the Oak Academy to complete a series of activities:</b> In this lesson, we will be learning about elasticity. You will test a variety of household materials and will measure and compare their elasticity. <b><u>You will need your home learning book to complete the activities.</u></b>	<a href="#">Which material is the stretchiest?</a>
<b>Lesson 5</b> Which materials are absorbent?	<b>Follow the link to the Oak Academy to complete a series of activities:</b> In this lesson, we will be learning about absorbency. You will test a variety of household materials and will compare how absorbent each of them is. <b><u>You will need your home learning book to complete the activities.</u></b>	<a href="#">Which materials are absorbent?</a>

**Don't forget to use your Science Knowledge Organiser for this half term - Year 2 Uses of Everyday Materials - to help you learn and understand about this topic.**