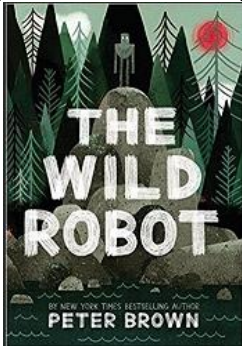


<p><b>English</b> The children will be reading the book 'The Wild Robot' by Peter Brown this term. Throughout this half term the children will be working towards writing a <b>non-chronological report</b>. A particular benefit of working on this text-type is that it enhances the children's research skills. They will be learning to use various sources, discern relevant facts and organise their findings efficiently. Also choosing what information to include and how to present it enhances their ability to communicate.</p>	<p><b>Maths</b> During this half term the children will be learning about <b>graphs, fractions and time</b>.  The children will begin to develop their skills in drawing and interpreting bar and line graphs. In being able to interpret graphs, the children will be introduced to data presentation which lays the groundwork for data literacy. Fractions are also a key skill and will further develop the children's problem solving skills.</p>	<p><b>Science</b> <b>Can we control electricity?</b> By the end of this unit, the children will know:</p> <ul style="list-style-type: none"> <li>• Where electricity comes from.</li> <li>• Which appliances run on electricity.</li> <li>• How a circuit works.</li> <li>• What are electrical conductors and insulators.</li> </ul> <p><b>This works towards the big idea</b> <i>Energy, which cannot be created or destroyed, comes in many different forms and tends to move away from objects that have lots of it.</i></p>
<p><b>Design and Technology</b> Question: <i>Can you make a nightlight?</i>  By the end of this unit, children will be able to:</p> <ul style="list-style-type: none"> <li>• Input a programme into a computer.</li> <li>• Understand how computer programming can be used to control a light being on or off.</li> <li>• Understand the design criteria for the making of a nightlight.</li> </ul>	<p style="text-align: center;"><b>Year 4</b> <b>Spring 2 - Learning Map</b></p> 	<p><b>Computer Technology</b> <b>Computer Science</b> <b>How do electrical appliances work?</b> <b>Big Idea:</b> Electrical appliances are programmed to work by humans and can be started and stopped in different ways. <b>By the end of this unit children will be able to:</b></p> <ul style="list-style-type: none"> <li>• Write and debug a program controlling physical systems.</li> <li>• Be able to program an electrical circuit to turn on/off depending on the input.</li> </ul>
<p><b>History: The Romans</b> <b>Question: Were the Romans really rotten?</b> By the end of this unit, children will be able to: <b>Explain</b> why the Romans invaded Britain and why Boudica attacked London. <b>Demonstrate</b> an awareness of the reason for and against invasion. <b>Empathise</b> with those people living during this time and the challenges they faced.</p>	<p><b>PSHE</b> February: <b>What stops you from achieving what you want? Growth Mindset</b> Assumptions and labels can be made about us before you've even given something a go. March: <b>Why don't people look after themselves? Healthy Eating and hygiene</b> If we feel bad about ourselves, we may not look after ourselves.</p>	<p><b>PE: Rounders</b> <b>Aim:</b> to play competitive games in the context of batting and bowling in rounders. Learn the correct techniques for batting and bowling. <b>Athletics</b> <b>Aim:</b> provides the children with opportunities to refine their motor skills. This includes hand-eye coordination, and gross motor skills, such as running and jumping</p>

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