


<p><b>English</b></p> <p>The children will be reading the book 'The Adventures of Odysseus', a child adaptation of the famous epic by ancient Greek writer, Homer.</p> <p>They will be learning to write a non-chronological report about Greek Gods and Goddesses encountered on Odysseus's epic journey. They will learn to engage the reader with the information given and how to ensure that the reader trusts the information that they're given.</p>	<p><b>Maths</b></p> <p>During this half term the children will be learning about <b>place value</b>, <b>addition</b> and <b>subtraction</b>.</p> <p>The children will be learning how to compare numbers using place value columns and how to round to the nearest 10, 100, 1000, 10000 and 100000. They will then begin to use their knowledge of place value to add and subtract numbers up to a million.</p>	<p><b>Science</b></p> <p><b>How do things move?</b></p> <p>By the end of this unit, they will know:</p> <ul style="list-style-type: none"> <li>• A force causes an object to start moving, stop moving, speed up, slow down or change direction.</li> <li>• Gravity is a force that acts at a distance.</li> <li>• Everything is pulled to the Earth by gravity. This causes unsupported objects to fall.</li> <li>• Pulleys, levers and gears are all mechanisms, also known as simple machines.</li> </ul>
<p><b>Computing (joint with DT)</b></p> <p><b>How do alarms work?</b></p> <p>By the end of this unit, they will know:</p> <ul style="list-style-type: none"> <li>• How to adapt an algorithm depending on the type of input.</li> </ul> <p>We are learning to create our own alarmed boxes using Primary Crumbles. We will learn the difference between the hardware and software.</p>	<p style="text-align: center;"><b>Year 5</b></p> <p style="text-align: center;"><b>Autumn 1 - Learning Map</b></p> 	<p><b>Design and Technology (joint with Computing)</b></p> <p><b>Can you make an alarmed box?</b></p> <p>By the end of this unit, they will know:</p> <ul style="list-style-type: none"> <li>- Children will know how to program components that monitor the external environment.</li> <li>- Children will know that 3D shapes can be made from 2D nets.</li> </ul> <p>The children make an alarmed box and program a Primary Crumble to use as an alarm.</p>
<p><b>History</b></p> <p><b>Who were the Vikings and what did they do for us?</b></p> <p>We will be learning about how the Vikings began their journey to England by raiding monasteries and ended up staying to become the rulers of the country. We will be asking whether or not they deserve their violent reputation and whether or not Alfred was actually 'great' or not.</p>	<p><b>Geography</b></p> <p><b>Why would somebody live near a volcano?</b></p> <p>By the end of this unit, they will know:</p> <ul style="list-style-type: none"> <li>- Plate tectonics can be used to explain where volcanoes are located</li> <li>- How volcanoes are formed and explain in basic terms the processes.</li> <li>- That volcanoes can be dormant, active or extinct.</li> <li>- That humans live near, or visit, volcanoes for a number of reasons</li> </ul>	<p><b>PE</b></p> <p><b>Basketball</b></p> <p>During basketball lessons, the children will be learning how to dribble, pass and shoot a basketball, as well as how to protect themselves from tackles.</p> <p><b>Cross Country</b></p> <p>During cross country lessons, the children will be trying to improve their pacing of distance running, leading to a higher endurance.</p>