

## Year 6 curriculum information – spring term 2 2021

English	Maths	Science	Other curriculum areas
<p><b>Reading:</b> We will be developing reading fluency and expression, comprehension, inference and deduction skills and backing up our opinions with evidence from a variety of high-quality text styles. Much of our learning will be based around the following texts: <b>Macbeth</b>, by William Shakespeare. We will be using extracts from the play script, along with narrative and video texts to support understanding.</p> <p>Children are expected to access <b>Bug Club</b> via J2e on a regular basis and parents are also encouraged to hear their children read daily and discuss what has been read. Through the above, we aim to develop each child's love of reading, whilst exposing them to a range of reading genres.</p>	<p>Key maths concepts, arithmetic and reasoning skills are developed throughout all maths lessons. White Rose resources are used to support progression.</p> <p>Children are also expected to develop their recall and application of number bonds and times tables (up to x12) by the end of year 4. Half-termly maths challenges and times table challenges are used to reinforce maths fluency.</p> <p>In year 6, children will cover:</p>	<p>Scientific skills and concepts are embedded and developed in all science lessons and through a range of enquiry types.</p> <p>Children will also explore the following:</p>	<p><b>Computing:</b></p> <ul style="list-style-type: none"> <li>Staying safe online</li> <li>Looking at the transition to secondary school and the skills needed for the change, including how to keep ourselves safe online with different devices and programmes</li> </ul>
<p><b>Writing:</b> Our writing curriculum will focus on:</p> <ul style="list-style-type: none"> <li>Engaging with a wide range of high-quality texts to support and develop writing across a variety of genres;</li> <li>Planning, drafting, writing, evaluating and editing;</li> <li>Using the diagonal and horizontal strokes needed to join letters;</li> <li>Increasing legibility, consistency and quality of handwriting.</li> </ul> <p>Main writing outcomes include:</p> <ul style="list-style-type: none"> <li><b>Fiction</b> – A letter written in character</li> <li><b>Non-fiction</b> – A character analysis</li> <li><b>Non-fiction</b> – Writing a balanced argument</li> </ul>	<p><b>Measurement: perimeter, area and volume</b></p> <ul style="list-style-type: none"> <li>Shapes – same area</li> <li>Area and perimeter</li> <li>Area of triangle (3 lessons)</li> <li>Area of parallelogram</li> <li>Volume recap</li> <li>Volume (counting cubes)</li> <li>Volume of a cuboid</li> </ul>	<p><b>Animals, including humans – Healthy bodies (biology):</b></p> <ul style="list-style-type: none"> <li>Describe the ways in which nutrients and water are transported within animals, including humans</li> <li>Identify and name the main parts of the human circulatory system, and describe the functions of the heart, blood vessels and blood</li> <li>Recognise the impact of diet, exercise, drugs and lifestyle on the way bodies function</li> </ul>	<p><b>Art and design:</b> Photography:</p> <ul style="list-style-type: none"> <li>Investigating light</li> <li>Exploring photography with everyday items</li> <li>Photography and mixed media</li> </ul>
<p><b>Grammar and punctuation:</b> <b>Spelling Shed's SPAG</b> scheme is used to support learning in school and at home, with specific focus for the year on the following:</p> <p><b>Sentence structure:</b></p> <ul style="list-style-type: none"> <li>Use of the passive voice, formal and informal speech appropriate for speech and writing, and use of subjunctive forms</li> </ul> <p><b>Text structure:</b></p> <ul style="list-style-type: none"> <li>Using cohesive devices to link ideas across paragraphs</li> <li>Layout devices such as headings, columns, bullets points and tables</li> </ul> <p><b>Punctuation:</b></p> <ul style="list-style-type: none"> <li>Semi-colon, colon and dash, including use of colon to introduce a list and semi-colon within lists; hyphens to avoid ambiguity. Brackets and dashes; parentheses.</li> </ul>	<p><b>Number: ratio</b></p> <ul style="list-style-type: none"> <li>Use ratio language</li> <li>Ratio and fractions</li> <li>Introducing ratio symbol</li> <li>Calculating ratio</li> <li>Using scale factors</li> <li>Ratio and proportion problems</li> </ul> <p><b>Data handling: statistics</b></p> <ul style="list-style-type: none"> <li>Read and interpret line graphs</li> <li>Draw line graphs</li> <li>Use line graphs to solve problems</li> <li>Circles</li> <li>Read and interpret pie charts</li> <li>Pie charts with percentages</li> <li>Draw pie charts</li> <li>The mean</li> </ul>		<p><b>Geography:</b></p> <ul style="list-style-type: none"> <li><b>Location study: North America</b> - Locate and name major North American countries and US States and their major cities; find out about land use, areas of significance, climate and biomes, natural resources and their distribution, use maps and on-line mapping tools</li> <li><b>Geographical skills:</b> lines of longitude and latitude</li> </ul>
<p><b>Spelling:</b> Children are taught spelling through the Spelling Shed scheme, with on-line home learning tasks being given weekly.</p>			<p><b>Physical education:</b></p> <ul style="list-style-type: none"> <li>Access the PE tile through j2e for various resources</li> </ul> <p><b>Music:</b></p> <ul style="list-style-type: none"> <li>Five Notes that will change your life</li> <li>Are you sitting comfortably?</li> <li>Give 'em the ol' Razzle Dazzle</li> </ul> <p><b>Religion:</b></p> <ul style="list-style-type: none"> <li><b>Christianity:</b> What can Christians learn from the life and teachings of Jesus?</li> </ul> <p><b>Spanish:</b></p> <ul style="list-style-type: none"> <li>Countries, nationalities and in the town</li> </ul>
<p><b>What parents can do at home to help:</b></p> <ul style="list-style-type: none"> <li>Check your child completes the weekly <b>Home Learning</b> tasks set by the class teacher.</li> <li>Listen to your child <b>read daily</b> and update their Reading Record.</li> <li>Remind your child to learn and practise their <b>spellings</b> regularly and to use Spelling Shed's on-line games to help practise tricky words too.</li> <li>Look out for the half-termly <b>maths</b> challenges and <b>practise</b> those skills regularly too.</li> <li>Help develop your child's fluency in their <b>times tables</b> up to x12 (and associated division facts). Use Times Tables Rock Stars regularly for support.</li> </ul>	<p><b>Links to support learning and wellbeing:</b> Please ensure your child accesses all their school on-line learning accounts from home regularly. Any technical issues, please contact <a href="mailto:ICT@trafalgarfederation.org.uk">ICT@trafalgarfederation.org.uk</a> and for curriculum issues, contact your child's class teacher directly, using their specific class name, to <a href="mailto:classname@trafalgarfederation.org.uk">classname@trafalgarfederation.org.uk</a>.</p> <ul style="list-style-type: none"> <li><b>E-school:</b> J2e</li> <li><b>Maths:</b> Athletics, Abacus, Times Tables Rock Stars</li> <li><b>English:</b> Spelling Shed, Bug Club</li> <li><b>General:</b> BBC Bitesize</li> <li><b>Wellbeing:</b> Access the Wellbeing tile through E-school for various resources</li> </ul>		<p><b>Trips, visits and dates for your diary:</b></p> <ul style="list-style-type: none"> <li><b>Spring term:</b> Tuesday, 5<sup>th</sup> January – Wednesday 31<sup>st</sup> March 2021</li> <li><b>World Book Day:</b> Thursday, 4<sup>th</sup> March, 2021</li> <li><b>Worlds Maths Day:</b> Friday, 12<sup>th</sup> March, 2021</li> <li><b>Red Nose Day:</b> Friday 19<sup>th</sup> March, 2021</li> </ul>