

## Year 6 curriculum information – spring term 2022

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>These skills are developed further by weekly guided reading sessions, where children are supported in smaller groups with their teacher. Children are expected to read at home daily and parents are encouraged to hear their children and discuss what has been read, signing their child's reading records. 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>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> <li>• <b>Fiction</b> – short narrative for year 3 buddy</li> </ul>	<p>Homework will now include SATs style questions on top of the CGP books in preparation for SATs after Easter.</p> <p>In year 6, children will cover:</p>	<p><b>Electricity – Changing Circuits (physics):</b></p> <ul style="list-style-type: none"> <li>• Associate the brightness of a lamp or the volume of a buzzer with the number and voltage of cells used in the circuit</li> <li>• Compare and give reasons for variations in how components function in circuits, including the brightness of bulbs, the loudness of buzzers and the on/off position of switches</li> <li>• Use recognised symbols when representing a simple circuit in a diagram</li> </ul>	<p><b>Design and technology:</b> <b>Electrical systems:</b></p> <ul style="list-style-type: none"> <li>• Explore circuits to design, make and evaluate an electronic toy car for a child</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: <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>Measurement: perimeter, area and volume</b></p> <ul style="list-style-type: none"> <li>• Area and perimeter; area of triangle; area of parallelogram; volume of a cuboid</li> </ul> <p><b>Number: ratio</b></p> <ul style="list-style-type: none"> <li>• Use ratio language; ratio and fractions; introducing ratio symbol; calculating ratio; using scale factors; 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; draw line graphs; use line graphs to solve problems; circles; read and interpret pie charts; pie charts with percentages; draw pie charts; the mean</li> </ul>		<p><b>Geography:</b></p> <ul style="list-style-type: none"> <li>• <b>Location study:</b> North America - Locate and name major North American countries; find out about land use, areas of significance, climate and biomes, natural resources and their distribution and how places have changed over time.</li> <li>• <b>Place study:</b> New York City and how this has changed over time</li> <li>• <b>Geographical skills:</b> Time zones; lines of latitude and longitude; 6 figure grid references; use maps and on-line mapping tools</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>We will also have some designated SATs revision lessons at the end of the term.</p>		<p><b>Physical education:</b></p> <ul style="list-style-type: none"> <li>• Invasion games – netball: developing spatial awareness in 'open skill' environments, progressing to divided court</li> <li>• Divided court – tennis and badminton: sending a ball or projectile into or at a defended area</li> </ul> <p><b>PSHE:</b> Living in the wider world: belonging, media and digital literacy, money and work</p>
<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@trafalfarfederation.org.uk">ICT@trafalfarfederation.org.uk</a> and for curriculum issues, contact your child's class teacher directly, using their specific class name, to <a href="mailto:classname@trafalfarfederation.org.uk">classname@trafalfarfederation.org.uk</a>.</p> <ul style="list-style-type: none"> <li>• <b>E-school:</b> J2e</li> <li>• <b>Maths:</b> Mathletics, 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>Music:</b></p> <ul style="list-style-type: none"> <li>• Five Notes that will change your life</li> <li>• Focus: pitch, rhythm, dynamics, tempo, timbre</li> </ul> <p><b>Religion:</b></p> <ul style="list-style-type: none"> <li>• How is faith expressed through art?</li> <li>• How faith is expressed through visual arts, music and drama.</li> </ul> <p><b>Spanish:</b> Countries, nationalities and in the town, revision</p>
			<p><b>Trips, visits and dates for your diary:</b></p> <ul style="list-style-type: none"> <li>• <b>Spring term:</b> Wednesday, 5<sup>th</sup> January – Friday, 1<sup>st</sup> April</li> <li>• <b>Half term:</b> Monday, 14<sup>th</sup> – Friday, 18<sup>th</sup> February, 2022</li> <li>• <b>World Book Day:</b> Friday, 4<sup>th</sup> March, 2022</li> <li>• <b>Science Week:</b> Monday, 14<sup>th</sup> – Friday, 18<sup>th</sup> March, 2022</li> <li>• <b>Worlds Maths Day:</b> Wednesday, 23<sup>rd</sup> March, 2022</li> <li>• <b>Comic Relief Day:</b> Friday 18<sup>th</sup> March, 2022</li> </ul>

