

## Year 5 curriculum information – summer term 1 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 opinions with evidence from a variety of high-quality text styles. Much of our learning will be based around the following texts: <b>Robot Girl</b> by Malorie Blackman (narrative writing - science-fiction) and poetry from <b>The Lost Words</b> by Jackie Morris and Robert Macfarlane and <b>From a Railway Carriage</b> by Robert Louis Stevenson.</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 regular times table practice using Times Tables Rock Stars are used to reinforce maths fluency.</p> <p>This half term, in year 5, children will cover:</p> <p><b>Decimals and Percentages:</b></p> <ul style="list-style-type: none"> <li>Ordering and comparing decimals</li> <li>Understanding percentages</li> <li>Percentages as fractions and decimals</li> <li>Fractions, decimals and percentages equivalence</li> <li>Adding and Subtracting decimals</li> <li>Decimal sequences.</li> <li>Multiplying and dividing decimals by 10,100 and 1000</li> </ul>	<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>Forces – Forces in action (physics):</b></p> <ul style="list-style-type: none"> <li>Explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object</li> <li>Identify the effects of air resistance, water resistance and friction, that act between moving surfaces</li> <li>Recognise that some mechanisms, including levers, pulleys and gears, allow a smaller force to have a greater effect</li> </ul>	<p><b>Computing:</b></p> <ul style="list-style-type: none"> <li>Continue to develop spreadsheet knowledge using Excel</li> <li>Introduce and use formula within spreadsheets</li> </ul> <p><b>Art and Design:</b> <b>Installation art:</b></p> <ul style="list-style-type: none"> <li>Research and apply understanding of various art mediums to produce art for specific spaces</li> </ul> <p><b>Geography:</b> <b>Sustainability, Energy and Food</b></p> <ul style="list-style-type: none"> <li>Explore what sustainability means and why it is important</li> <li>Think about our energy needs and find out how and where energy is produced in the UK (with a focus on wind energy- case study on the London Array wind farm)</li> <li>Investigate where our food comes from and how we can produce food more sustainably.</li> </ul> <p><b>Music:</b> <b>Sunshine on my face:</b></p> <ul style="list-style-type: none"> <li>Focus: creating musical sound effects. Singing and playing. Sea Shanty's, raps and rounds</li> </ul> <p><b>Physical Education (PE):</b></p> <ul style="list-style-type: none"> <li>Athletics</li> <li>Strike and field: rounders &amp; cricket</li> </ul> <p><b>PSHE:</b> <b>Health and wellbeing</b></p> <ul style="list-style-type: none"> <li>Physical health and mental wellbeing</li> <li>Growing and changing</li> <li>Keeping safe</li> </ul> <p><b>Religion and Worldviews:</b> <b>Islam:</b></p> <ul style="list-style-type: none"> <li>What does it mean to be a Muslim?</li> </ul> <p><b>Spanish:</b></p> <ul style="list-style-type: none"> <li>Revision, pronouns, pronunciation, sports, types of music, instruments</li> <li>Conjugating regular present tense verbs</li> <li>Instruments and giving opinions</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>Writing legibly, fluently, with increasing speed</li> </ul> <p>Main writing outcomes include:</p> <ul style="list-style-type: none"> <li><b>Fiction:</b> Writing a sci-fi narrative based on <i>Robot Girl</i></li> <li><b>Poetry:</b> Writing a poem in the style of <i>From a Railway Carriage</i>, and writing an acrostic, nature-inspired poem, following structure of other poems in <i>The Lost Words</i></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>Modal verb</li> <li>Clauses and phrases</li> </ul> <p><b>Text structure:</b></p> <ul style="list-style-type: none"> <li>Devices to build cohesion within a paragraph</li> <li>Linking ideas across paragraphs using adverbials of time, place and tense choice</li> </ul> <p><b>Punctuation:</b></p> <ul style="list-style-type: none"> <li>Brackets, dashes</li> <li>Use of commas to clarify meaning or avoid ambiguity</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>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 12x 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, 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>Summer term:</b> Tuesday 19<sup>th</sup> April – Thursday 21<sup>st</sup> July 2022</li> <li><b>Bank holiday:</b> Monday 2<sup>nd</sup> May 2022</li> <li><b>Inset day:</b> Friday 27<sup>th</sup> May 2022 (school closed)</li> <li><b>Half term:</b> Monday 30<sup>th</sup> May – Friday 3<sup>rd</sup> June 2022</li> </ul>