

## Year 3 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 opinions with evidence from a variety of high-quality text styles. Much of our learning will be based around the following text: <b>The Iron Man – Ted Hughes (Fiction)</b></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 knowledge, being fluent in their multiplication and division facts for the 2,5,10-, 3,4- and 8-times tables in Year 3 and 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 3, 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>"D and 3D animation. Developing stop frame animation skills.</li> </ul> <p><b>Design and technology:</b></p> <p><b>Mechanisms:</b></p> <ul style="list-style-type: none"> <li>Exploring pneumatic systems using syringes and balloons</li> <li>Design, make, evaluate and develop technical knowledge to create a pneumatic monster</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> Making annotations, Recount writing</li> <li><b>Non-fiction:</b> Persuasive writing (advert and menu) and writing instructions for DT</li> </ul>	<p><b>Measurement:</b></p> <ul style="list-style-type: none"> <li>Measuring length (metres)</li> <li>Equivalent lengths (m and cm &amp; mm and cm)</li> <li>Comparing lengths</li> <li>Adding lengths</li> <li>Subtracting lengths</li> <li>Perimeter (Measure and calculate)</li> </ul> <p><b>Fractions:</b></p> <ul style="list-style-type: none"> <li>Working with wholes and parts</li> <li>Equal parts</li> <li>Recognise and find halves, quarters, thirds</li> <li>Unit and non-unit fractions</li> <li>Equivalence</li> <li>Counting in fractions</li> </ul>	<p><b>Plants – How plants grow (biology):</b></p> <ul style="list-style-type: none"> <li>Identify and describe the functions of different parts of flowering plants: a) roots, b) stems/trunk, c) leaves, d) flowers</li> <li>Explore the requirements of plants for life and growth (air, light, water, nutrients from soil, and room to grow) &amp; how they vary from plant to plant</li> <li>Investigate the way in which water is transported within plants</li> <li>Explore the part that flowers play in the life cycle of flowering plants, including pollination, seed formation and seed dispersal</li> </ul>	<p><b>Geography:</b></p> <ul style="list-style-type: none"> <li><b>Location study: UK</b> - Locate and name the 4 countries that make up the UK, find out about their capital cities/other main cities, explore their physical and human features and find out how certain aspects (e.g. population and land use) have changed over time</li> <li><b>Geographical skills:</b> map and atlas skills</li> </ul> <p><b>Physical education:</b></p> <ul style="list-style-type: none"> <li>Invasion games – tennis: developing spatial awareness in 'open skill' environments, progressing to divided court</li> <li>Divided court – short tennis: sending a ball or projectile into or at a defended area</li> <li>Swimming</li> </ul> <p><b>PSHE:</b> Living in the wider world: belonging, media and digital literacy, money and work</p>
<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>Expressing time, place and cause using conjunctions, adverbs or prepositions</li> </ul> <p><b>Text structure:</b></p> <ul style="list-style-type: none"> <li>Introduction to paragraphs as a way to group related material.</li> <li>Headings and sub-headings to aid presentations</li> <li>Use of the present perform form of verbs instead of the simple past</li> </ul> <p><b>Punctuation:</b></p> <ul style="list-style-type: none"> <li>Introduction to inverted commas to punctuate direct speech</li> </ul>			<p><b>Music:</b></p> <ul style="list-style-type: none"> <li>Let's go to Africa – Djembe drumming, call and response songs, cyclic patterns</li> <li>Focus: singing and playing</li> </ul> <p><b>Religion and worldviews:</b></p> <ul style="list-style-type: none"> <li>What is sacrifice?</li> <li>Looking at prayer and why people pray.</li> <li>Looking at sacrifice in relation to the Easter story.</li> </ul> <p><b>Spanish:</b></p> <ul style="list-style-type: none"> <li>Access Duolingo and BBC Bitesize to keep up your fluency with Spanish</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> for x3, x4 and x8, 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> 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>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>Parents Evenings:</b> Tues &amp; Thurs, 8<sup>th</sup> &amp; 10<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>

