

Year 6 curriculum information – summer term 1 2021

English	Maths	Science	Other curriculum areas
<p>Reading: 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: The Rainbow Fish by Marcus Pfister and Skellig by David Almond.</p> <p>Children are expected to access Bug Club 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>Writing: Our writing curriculum will focus on:</p> <ul style="list-style-type: none"> Engaging with a wide range of high-quality texts to support and develop writing across a variety of genres; Planning, drafting, writing, evaluating and editing; Using the diagonal and horizontal strokes needed to join letters; Increasing legibility, consistency and quality of handwriting. <p>Main writing outcomes include:</p> <ul style="list-style-type: none"> Fiction: A short story, based on a model text (The Rainbow Fish) Non-fiction: Argument writing Fiction: Diary/letter writing Fiction: A personal narrative <p>Grammar and punctuation: Spelling Shed's SPAG scheme is used to support learning in school and at home, with specific focus for the year on the following:</p> <p>Sentence structure:</p> <ul style="list-style-type: none"> Use of the passive voice, formal and informal speech appropriate for speech and writing, and use of subjunctive forms <p>Text structure:</p> <ul style="list-style-type: none"> Using cohesive devices to link ideas across paragraphs Layout devices such as headings, columns, bullets points and tables <p>Punctuation:</p> <ul style="list-style-type: none"> 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. <p>Spelling: Children are taught spelling through the Spelling Shed scheme, with on-line home learning tasks being given weekly.</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>Properties of shape</p> <ul style="list-style-type: none"> Interior and exterior angles Drawing polygons Nets of 2d shapes <p>Number: consolidation</p> <ul style="list-style-type: none"> Consolidation of: <ul style="list-style-type: none"> addition multiplication subtraction division Techniques, including short/long multiplication/division <p>Data handling: statistics</p> <ul style="list-style-type: none"> 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 	<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>Electricity – Changing circuits (physics):</p> <ul style="list-style-type: none"> Associate the brightness of a lamp or the volume of a buzzer with the number and voltage of cells used in the circuit 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 Use recognised symbols when representing a simple circuit in a diagram 	<p>Computing:</p> <ul style="list-style-type: none"> Use iPads and greenscreen technology, Doink, to produce an end of year 6 project <p>Design and technology: Electrical systems:</p> <ul style="list-style-type: none"> Research and apply understanding of electrical systems to design, make and evaluate a product, using more complex circuits. <p>Geography: Trade and economy:</p> <ul style="list-style-type: none"> The history of trade in the UK What we trade and who we trade with Place comparison of goods we trade with El Salvador, along with issues faced by the people of El Salvador Explore fair trade and the global supply chain <p>Music:</p> <ul style="list-style-type: none"> Come on, let's do the conga! Focus: traditions and rhythms. Salsa music and rhythms <p>Physical education:</p> <ul style="list-style-type: none"> Athletics Hit and field: cricket Orienteering <p>PSHE: Health and wellbeing:</p> <ul style="list-style-type: none"> Physical health and mental wellbeing Growing and changing Keeping safe <p>Spanish:</p> <ul style="list-style-type: none"> Access Duolingo and BBC Bitesize to keep up fluency with Spanish
<p>What parents can do at home to help:</p> <ul style="list-style-type: none"> Check your child completes the weekly Home Learning tasks set by the class teacher. Listen to your child read daily and update their Reading Record. Remind your child to learn and practise their spellings regularly and to use Spelling Shed's on-line games to help practise tricky words too. Look out for the half-termly maths challenges and practise those skills regularly too. Help develop your child's fluency in their times tables up to x12 (and associated division facts). Use Times Tables Rock Stars regularly for support. 	<p>Links to support learning and wellbeing:</p> <p>Please ensure your child accesses all their school on-line learning accounts from home regularly. Any technical issues, please contact ICT@trafalgarfederation.org.uk and for curriculum issues, contact your child's class teacher directly, using their specific class name, to classname@trafalgarfederation.org.uk.</p> <ul style="list-style-type: none"> E-school: J2e Maths: Mathletics, Abacus, Times Tables Rock Stars English: Spelling Shed, Bug Club General: BBC Bitesize Wellbeing: Access the Wellbeing tile through E-school for various resources 	<p>Trips, visits and dates for your diary:</p> <ul style="list-style-type: none"> Summer term: Tuesday 20th April – Friday 23rd July 2021 Bank holiday: Monday 3rd May 2021 Inset day: Friday 28th May 2021 (school closed) Half term: Monday 31st May – Friday 4th June 2021 	