

Year 5 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 opinions with evidence from a variety of high-quality text styles. Much of our learning will be based around the following texts: Robot Girl by Malorie Blackman (narrative writing - science-fiction) and poetry from The Lost Words by Jackie Morris and Robert Macfarlane.</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 Writing legibly, fluently, with increasing speed <p>Main writing outcomes include:</p> <ul style="list-style-type: none"> Fiction: Writing a sci-fi narrative based on Robot Girl Poetry: Writing an acrostic, nature-inspired poem, following structure of other poems in The Lost Words <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: Sentence structure:</p> <ul style="list-style-type: none"> Modal verb Clauses and phrases <p>Text structure:</p> <ul style="list-style-type: none"> Devices to build cohesion within a paragraph Linking ideas across paragraphs using adverbials of time, place and tense choice <p>Punctuation:</p> <ul style="list-style-type: none"> Brackets, dashes Use of commas to clarify meaning or avoid ambiguity <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 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>Decimals and Percentages:</p> <ul style="list-style-type: none"> Decimals up to 3 decimal places Fractions as decimals Rounding decimals Ordering and comparing decimals Understanding percentages Percentages as fractions and decimals Fractions, decimals and percentages equivalence Adding and Subtracting decimals Decimal sequences. Multiplying and dividing decimals by 10,100 and 1000 	<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>Forces – Forces in action (physics):</p> <ul style="list-style-type: none"> Explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object Identify the effects of air resistance, water resistance and friction, that act between moving surfaces Recognise that some mechanisms, including levers, pulleys and gears, allow a smaller force to have a greater effect 	<p>Computing:</p> <ul style="list-style-type: none"> Continue to develop spreadsheet knowledge using Excel Introduce and use formula within spreadsheets <p>Design and technology: Structures:</p> <ul style="list-style-type: none"> Research and apply understanding of frame structures to design, make and evaluate a bird house for use in gardens or school wildlife areas <p>Geography: Human and Physical Geography: Coasts Place knowledge: Swanage</p> <ul style="list-style-type: none"> To find out about some famous UK coastlines and to explore different physical features of our coastline (eg. caves, arches, stacks and stumps) To understand how to use the 4 figure and 6 figure grid system when looking at OS maps To research the human and physical features of Swanage and compare this location to Twickenham <p>Music: Sunshine on my face:</p> <ul style="list-style-type: none"> Focus: singing and playing. Sea Shanty's, raps and rounds <p>Physical Education (PE):</p> <ul style="list-style-type: none"> Athletics Hit and field: rounders 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"> Revision, pronouns, pronunciation, sports, types of music, instruments Conjugating regular present tense verbs Instruments and giving opinions
<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 12x and associated division facts). Use Times Tables Rock Stars regularly for support. 	<p>Links to support learning and wellbeing: 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