

Trafalgar Junior School - Year 4 Curriculum Information – Autumn Term 1 2022

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: – The Miraculous Journey of Edward Tulane by Kate di Camillo and The Jumblies poem by Edward Lear.</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>Art and design: Formal elements of art: Portraits</p> <ul style="list-style-type: none"> • Explore accurate drawing of faces, proportions, features and expressions • Develop different soft pastel techniques • Develop use of shade, tone and tint • Key Artist: Frida Kahlo
<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: Writing in the first person in the form of diaries and letters • Non-fiction: Recounts, instructions and non-chronological reports • Poetry: Read and write nonsense poems 	<p>This term, children will cover:</p> <p>Place value:</p> <ul style="list-style-type: none"> • Identify, represent, estimate numbers up to 10,000 • Recognise the place value of each digit in a four-digit number (thousands, hundreds, tens, and ones) • Find 1000 > or < than a given number • Order/compare numbers beyond 1000 • Round any number to the nearest 10, 100 or 1000 • Count backwards through zero to include negative numbers • Solve number problems with increasingly large positive numbers • Read Roman numerals to 100 (I to C) 	<p>Electricity (physics):</p> <ul style="list-style-type: none"> • Identify common appliances that run on electricity (mains and battery-powered). • Construct an electrical circuit, identifying and naming its parts, including cells, wires, bulbs, switches and buzzers • Identify whether or not a lamp will light in a simple series circuit; recognise that a switch opens and closes a circuit and associate this with whether or not a lamp lights in a simple series circuit • Recognise some common conductors and insulators 	<p>Computing:</p> <ul style="list-style-type: none"> • Recap and embed school online safety procedures. Including safe searching. • Develop presentation skills through PowerPoint • Explore adding 'Actions' within a PowerPoint • Explore how search engines work.
<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"> • Expressing time, place and cause using conjunctions, adverbs or prepositions <p>Text structure:</p> <ul style="list-style-type: none"> • Introduction to paragraphs as a way to group related material. • Headings and sub-headings to aid presentations • Use of the present perform form of verbs instead of the simple past <p>Punctuation:</p> <ul style="list-style-type: none"> • Introduction to inverted commas to punctuate direct speech 	<p>Addition and subtraction:</p> <ul style="list-style-type: none"> • Written methods of calculation - add and subtract numbers up to 4 digits • Estimate and use inverse operations to check answers to a calculation • Solve addition and subtraction two-step problems in contexts 	<p>History: Roman Empire</p> <ul style="list-style-type: none"> • Learn about Emperor Claudius conquering Britain • Boudicca's revolt, the Roman army and Roman towns • The influence of the Romans on our lifestyles today • The mysterious end to the Roman Empire 	<p>Music: Party like a Roman:</p> <ul style="list-style-type: none"> • Focus: singing and playing
<p>Spelling: Children are taught spelling through the Spelling Shed scheme, with on-line home learning tasks being given weekly.</p>			<p>Physical education:</p> <ul style="list-style-type: none"> • Focus: invasion games – hockey, handball • Swimming
<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: 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: Times Tables Rock Stars; English: Spelling Shed; General: BBC Bitesize; Wellbeing: Access the Wellbeing tile through E-school for various resources 	<p>Relationships:</p> <ul style="list-style-type: none"> • Families and friendships; Safe relationships; Respecting ourselves and others 	<p>Religion and Worldviews (RW):</p> <ul style="list-style-type: none"> • What does it mean to be a Buddhist? • Who was Buddha and what are Buddhist beliefs? • Where and how do Buddhists worship?
			<p>Spanish:</p> <ul style="list-style-type: none"> • Invitations; following instructions; numbers; dates; birthdays and Christmas
			<p>PSHE:</p>
			<p>Trips, visits and dates for your diary:</p> <ul style="list-style-type: none"> • Autumn term: Monday 5th September – Friday 16th December 2022 • Roman Day - Wednesday 28th September 2022 • Parents' Evenings: Tuesday 18th & Thursday 20th October 2022 • Half term: Monday 24th October – Friday 28th October 2022 • INSET day: Monday 31st October 2022 • N.B. School starts after half term: Tuesday 1st November