

Year 3 curriculum information – autumn term 2 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: Pugs of the Frozen North (fiction), Polar Lands (non-fiction) and The Night Before Christmas (poetry).</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. This half termly challenge is Doubling and Halving Heros.</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>Computing: Developing presentation skills</p> <ul style="list-style-type: none"> • Creating a presentation using PowerPoint • Inserting, formatting and manipulating images from a variety of sources • Embedding safe search and photo protocol skills • Developing general IT skills in order to enhance presentation
<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: Diary entry writing in role as a character from the book, Pugs of the Frozen North. • Non-fiction: Non-chronological report about polar animals and their habitats. • Poetry: To write a poem including rhyming couplets. 	<p>Addition and Subtraction:</p> <ul style="list-style-type: none"> • Add two 3-digit numbers – crossing 10 or 100 • Subtract a 3-digit number from a 3-digit number – exchange • Estimate answers to calculations • Check answers using inverse <p>Multiplication and division:</p> <ul style="list-style-type: none"> • Knowing multiples of 2, 5 and 10. • Knowing x2, x5, x10 and x3 times tables • Multiplying and dividing a 2-digit number by a 1-digit number using appropriate pictorial and written methods • Mentally calculating the doubles of all numbers to 100 • Multiplication and division as inverse. • Solving problems related to the above, choosing an appropriate method 	<p>Forces and magnets (physics):</p> <ul style="list-style-type: none"> • Comparing how things move on different surfaces. • Noticing that some forces need contact between two objects, but magnetic forces can act at a distance. • Observing how magnets attract or repel each other and attract some materials and not others. • Comparing and grouping together a variety of everyday materials on the basis of whether they are attracted to a magnet, and identifying some magnetic materials. • Describing magnets as having two poles. • Predicting whether two magnets will attract or repel each other, depending on which poles are facing. 	<p>Design and technology:</p> <ul style="list-style-type: none"> • Planning, designing, making and evaluating stuffed vegetable recipes <p>Geography – Climate zones:</p> <ul style="list-style-type: none"> • Identifying and explaining different climate zones around the world • Exploring how climate differs around the world and reasons why <p>Music: Terrifying and terrific:</p> <ul style="list-style-type: none"> • Focus: listening and composing <p>Physical education:</p> <ul style="list-style-type: none"> • Focus: invasion games - Hockey, FUNdamentals • Swimming • Dance <p>Religion:</p> <ul style="list-style-type: none"> • Exploring what it means to be a Christian <p>Spanish: Access Duolingo and BBC Bitesize to keep up fluency with Spanish, including areas linked to:</p> <ul style="list-style-type: none"> • Phonics and pronunciation • Nouns and verbs • Numbers, greetings and pencil case items
<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"> • 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>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: Athletics, 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"> • Church visit: Thursday 4th November 2021 • End of autumn term: Friday 17th December 2021 • Start of spring term: Wednesday 5th January 2022 	
<p>Spelling: Children are taught spelling through the Spelling Shed scheme, with on-line home learning tasks being given weekly.</p>			
<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 for x3, x4 and x8, and associated division facts. Use Times Tables Rock Stars regularly for support. 			