

# FARRINGTONS JUNIOR SCHOOL – YEAR 5 - CURRICULUM OVERVIEW 2019-20

## English

<p><b>FICTION:</b> <b>Greek mythology</b> <b>Key texts:</b> <i>'Greek Myths'</i> by Marcia Williams <b>Skills focus:</b> Complex and compound sentences Expanded noun phrases, adjectives, adverbials and, particularly, relative clauses. Accurate sentence and speech punctuation.</p>	<p><b>FICTION:</b> <b>Stories from other cultures</b> <b>Key texts:</b> <i>'The Tiger Child'</i> by Joanna Troughton <i>'Seasons of splendour'</i> by Madhur Jaffrey <i>'Hua Mulan'</i> <b>Skills focus:</b> Use dialogue, recognise differences between spoken and written speech. Understand and use modal verbs. Pronouns, commas and relative clauses. Use of brackets.</p>	<p><b>FICTION:</b> <b>Animal adventure</b> <b>Key texts:</b> <i>'Lone Wolf'</i> by Kathryn Lasky <b>Skills focus:</b> Use dialogue, recognise differences between spoken and written speech (contractions). Use of apostrophes Use adverbs to modify verbs. Use prepositions to express time and place.</p>	<p><b>FICTION:</b> <b>Animal Adventure</b> <b>Key texts:</b> <i>'Lone Wolf'</i> by Kathryn Lasky <i>'Introduce 'Kensuke's Kingdom'</i> by Michael Morpurgo <b>Skills focus:</b> Use brackets, dashes or commas to indicate parenthesis. Use adverbials of time, place and number to link ideas across paragraphs.</p>	<p><b>FICTION:</b> <b>Adventure</b> <b>Key texts:</b> <i>'Kensuke's Kingdom'</i> by Michael Morpurgo <b>NON FICTION:</b> <b>Biography: Michael Morpurgo</b> <b>Skills focus:</b> Use a wide range of conjunctions to create compound and complex sentences. Relative clauses and relative pronouns.</p>	<p><b>FICTION:</b> <b>Classic historical fiction</b> <b>Key texts:</b> <i>'The Railway Children'</i> by E.S. Nesbitt <b>Skills focus:</b> Formal and informal language. Verbs in perfect form.</p>
<p><b>NON FICTION:</b> <b>Recounts</b> <b>Key texts:</b> Various examples of recount texts <b>Skills focus:</b> Conjunctions Use adverbials of time, place and number to link ideas across paragraphs. Correct sentence punctuation.</p>	<p><b>NON FICTION:</b> <b>Non-chronological Reports</b> <b>Key texts:</b> Information books on China, India <b>Journalistic writing</b> <b>Key texts:</b> Newspapers <b>Skills focus:</b> Active and passive verbs Past participle. Semi-colons, colons and dashes Bullet points</p>	<p><b>ESB preparation and exam</b></p>	<p><b>NON FICTION:</b> <b>Balanced arguments</b> <b>Key texts:</b> Information books on the <i>Arctic and Polar Bears</i> <b>Skills focus:</b> Use bullet points and punctuate correctly. Direct and indirect speech Formal and informal speech structures. Relative clauses</p>	<p><b>NON FICTION:</b> <b>Persuasive writing:</b> <b>Key texts:</b> Holiday leaflets, advertisements <b>Skills focus:</b> Use adverbials of time, place and number to link ideas across paragraphs. Use brackets, dashes or commas to indicate parenthesis.</p>	<p><b>NON FICTION:</b> <b>Instructions</b> <b>Key texts:</b> Various examples of instructions <b>Skills focus:</b> Imperative verbs. Linking ideas using tense.</p>
<p><b>POETRY:</b> <b>Mythological poetry</b> <b>Key texts:</b> <i>'Mythical Monsters'</i> by Chris McNab <b>Skills focus:</b> Descriptive language. Expanded noun phrases. Use and understand grammatical terminology. Similes Metaphors</p>	<p><b>POETRY:</b> <b>Haiku</b> <b>Key texts:</b> Various examples of haiku (Japan) <b>Skills focus:</b> Fronted adverbials Non-finite verbs Commas after fronted adverbials Elaborated description; adjectives and adverbs; subordinate clauses. Relative clauses</p>	<p><b>POETRY</b> ESB exam: Children memorise poem and recite</p>	<p><b>POETRY:</b> <b>Narrative poetry</b> <b>Key texts:</b> <i>'The Highwayman'</i> by Alfred Noyes <b>Skills focus:</b> Use commas to clarify meaning or avoid ambiguity. Use modal verbs to indicate degrees of possibility.</p>	<p><b>POETRY:</b> <b>Power of imagery</b> <b>Key texts:</b> <i>'Kensuke's Kingdom'</i> by Michael Morpurgo Selected Sea poetry <b>Skills focus:</b> Suffixes and prefixes to create verbs. Expanded noun phrases. Commas after fronted adverbials.</p>	<p><b>POETRY:</b> <b>Key texts:</b> Class poetry books <b>Skills focus:</b> Determiners</p>

# Maths

<p><u>Content</u> Place value in 5 digit numbers Written Addition Multiply and divide by 10 and 100 Written addition of money Written and mental subtraction. Properties of 3 and 2D shapes Multiples and factors of numbers. Fractions Written multiplication Written division</p> <p><u>Skills Focus</u> Placing numbers on number line Column addition and subtraction Relationship signs Adding decimals including money Sorting, classifying and visualising shapes Finding common multiples Listing factors of numbers Ordering fractions Equivalent fractions Simplifying fractions Grid method multiplication Column method multiplication Chunking method for division Bus stop method for division. Problem solving.</p>	<p><u>Content</u> Place value with decimals Subtracting decimals Metric measures Time Data in transport timetables Fractions Revision of 4 operations</p> <p><u>Skills Focus</u> Counting on with decimals. Converting between units. Telling time using 12 and 24 hour clock, analogue and digital Reading transport timetables and calculating time intervals. Introduce mixed numbers, turn improper fractions into mixed numbers and vice versa Compare and order fractions with related denominators Add fractions with related denominators Subtract fractions with related denominators Find unit and non-unit fractions of amounts Problem solving.</p>	<p><u>Content</u> Place value in 6 digit numbers Negative numbers Written addition Adding decimals Rounding decimals Co-ordinates and line graphs Multiplication Divisibility rules Lowest common multiples and highest common factors. Fractions Decimals Word problems</p> <p><u>Skills Focus</u> Placing numbers on number lines Negative numbers with temperature. Subtraction with money, including problem solving. Change from money Estimating Placing decimals on number line. Plotting points on graphs Translation and reflection of coordinates Multiply 4 digits by 1 digit Doubling and halving. Comparing fractions Find unit and non-unit fractions of amounts Decimal equivalents</p>	<p><u>Content</u> Written division Multiplying fractions Place value Subtraction Perimeter, area and volume. Multiplication Addition</p> <p><u>Skills Focus</u> Divide 3 digit by 1 digit. Multiply unit fractions by whole numbers Multiple non unit fractions by whole numbers Comparing and rounding off numbers. Decomposition to subtract Perimeter of rectangles and rectilinear shapes Find missing lengths to find perimeter Area of squares and rectangles Area from scale diagrams Find and estimate volume Multiply by 10, 100 and 1000 Column addition and subtraction. Problem solving.</p>	<p><u>Content</u> Number and place value Multiplication and division Percentages Angles Polygons Fractions Multiplication and division</p> <p><u>Skills Focus</u> Comparing and ordering negative numbers. Adding and subtracting multiples of 10. Rounding numbers Reading and writing Roman numerals Recognising years in Roman numerals. Multiply and divide by units of 10,100 and 1000 Word problems Equivalences of decimals and percentages. Draw and measure angles Identify type of angle. Missing angle in straight line and circle. Draw polygons to given dimensions and angles. Add and subtract fractions with same denominator. Compare and order fractions. Common multiples and factors Recognise and use square and cube numbers. Short division with remainders as fractions.</p>	<p><u>Content</u> Written multiplication Measure, data and time. Place Value and subtraction Multiplication Multiplication of fractions Calculation</p> <p><u>Skills Focus</u> Short, grid and long multiplication. Timetables using 24 hour clock Calculate time interval. Draw and interpret line graphs. Solve problems involving rate. Convert units of measure. Compare and order numbers. Subtraction word problems. Find change Multiply 2 digit by 2 digit using different methods. Multiply fractions and mixed numbers by whole numbers. Column addition and subtraction Short division of 4 digits by 1 digit Simple and multi-step problems Missing numbers in equations Investigate measurement and ratio through model making Creating tessellations</p>
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# Science

<u>OUT OF THIS WORLD</u>	<u>FORCES</u>	<u>LIFECYCLES</u>	<u>GROWING UP AND GROWING OLD</u>	<u>MATERIAL WORLD</u>	<u>FORENSIC SCIENCE</u>
<p><u>Content:</u> Planets in our solar system. Models of solar systems. Famous Scientists linked to solar system. Seasons Shadows and eclipses. Mind mapping End of Unit Test</p>	<p><u>Content:</u> Gravity Isaac Newton and Galileo Measuring force Force on ramps Air Resistance Making paper helicopters Parachutes Water resistance Simple machines Forces found on bicycle Mind mapping End of Unit Test.</p>	<p><u>Content:</u> Describe the life processes of reproduction in some plants. Pollination and label a flowering plant. Cuttings and bulb Life Cycles of plants and animals. Reproduction in animals and plants Endangered animals Jane Goodall Mind mapping End of Unit Test</p>	<p><u>Content:</u> Human and personal time line. Changes in puberty Development of a human embryo Gestation time for different animals, Changes in elderly Dragons Den sales pitch for new product Mind mapping End of Unit Test</p>	<p><u>Content:</u> Why that material? Properties of foams and materials, Packaging materials Solutions and solubility Factors affecting dissolving Crystals Separating substances Reversible and irreversible changes. Accidental discoveries Mind mapping End of Unit Test</p>	<p><u>Content:</u> Famous Scientists Timelines on Scientists What Scientists do Forensic Science Finger prints Solving a crime</p>
<p><u>Skills focus:</u> Finding hidden facts around class. Research skills. Time line cards Ordering and gathering data TV broadcasts Predictions and conclusions Recalling learnt facts Applying knowledge to a new situation</p>	<p><u>Skills focus</u> Newspaper report. Research skills Comprehension skills Investigative write-ups Fair testing Observation skills Measuring skills Predictions Recalling learnt facts Reading data from graphs Applying knowledge to new situations.</p>	<p><u>Skills focus:</u> Dissection of flower Planting seeds Taking plant cuttings Research work Illustrate life cycles Recording differences Produce campaign material Produce a report Recalling learnt facts Applying knowledge</p>	<p><u>Skills focus</u> Constructing timeline Plotting graphs Reading data from graphs Tabulation Comprehension skills Oral presentation Recalling learnt facts Applying knowledge to new situations</p>	<p><u>Skills focus</u> Fair Testing Collecting data Recording Results Planning investigations Teach back Completing scientific write ups Recalling learnt facts Applying knowledge</p>	<p><u>Skills focus:</u> Research skills Observation skills Reporting skills Investigative skills</p>

<h1>History</h1>	<b><u>ANCIENT GREEKS</u></b>			<b><u>VIKINGS</u></b>		
	<p><u>Content:</u>  Athenian life  Life in Sparta  Democracy  Wars and warfare  How do modern events connect to the past?  Beliefs and religious practices  Greek Life  Theatre  Language  Architectural and mathematical ideas  Impact of the Ancient Greeks on modern life  Olympic Games  Greek scholars</p> <p><u>Skills focus:</u>  Artefact analysis  Extended writing</p>			<p><u>Content:</u>  Viking life  Long boats  Viking warriors  Invasions  Settlements  Society  Viking worship / myths  Farming  Language  Legacy</p> <p><u>Skills focus:</u>  Primary and Secondary sources  Research</p>		
<h1>Geography</h1>	<b><u>PASSPORT TO THE WORLD</u></b>		<b><u>THE CHOCOLATE TRADE</u></b>	<b><u>WATER</u></b>	<b><u>THE USA</u></b>	<b><u>CLIMATE CHANGE</u></b>
	<p><u>Content:</u>  Continents  Hemispheres  Equator  Locate places in an atlas  Landmarks in the UK  Landmarks around the world  Natural features of the UK</p> <p><u>Skills focus:</u>  Using an Atlas index  Physical features of a map  Using maps, atlases and graphs to gather geographical information</p>		<p><u>Content:</u>  The geography of chocolate  From bean to bar  Cocoa Vs chocolate production  Fairtrade</p> <p><u>Skills focus:</u>  Interpreting photographs to gather geographical information</p>	<p><u>Content:</u>  Where can we find water?  How much water do we use?  Use of water  Saving water  The water cycle</p> <p><u>Skills focus:</u>  Analyse facts to draw geographical conclusions  Interpreting graphs and maps of different scale</p>	<p><u>Content:</u>  Human and physical features of the USA  Grand Canyon  Population distribution  Climate  Life in Alaska</p> <p><u>Skills focus:</u>  Using and interpreting atlases, maps and graphs</p>	<p><u>Content:</u>  Causes of climate change  Effects of climate change  Energy  Renewable energy</p> <p><u>Skills focus:</u>  Interpreting photographs  Connecting facts to explain processes</p>
<h1>Religious Studies</h1>	<b><u>PEACE</u></b>	<b><u>THE TRUE MEANING OF CHRISTMAS</u></b>	<b><u>WORSHIP</u></b>	<b><u>FORGIVENESS</u></b>	<b><u>JESUS THE HEALER</u></b>	<b><u>COMMITMENT</u></b>
	<p>Religious interpretations of peace  Acts of achieving and creating peace  Symbols of peace  Symbolic people of peace</p>	<p>What is the meaning of Christmas – for us and for Christians  Is the true meaning of Christmas still present today or has it changed?</p>	<p>Having worth  Music in worship  Prayer in worship</p>	<p>What is forgiveness?  Forgiveness in Judaism  Forgiveness in Buddhism  Symbol for forgiveness</p>	<p>What is a miracle  Retell key healing miracle stories from the Bible  Consider different viewpoints  Consider reactions and emotions to healing</p>	<p>What is commitment?  Growing in commitment  Sacrifice  Fasting  Marriage  How do you remain committed?</p>

Computing	<u>ESAFETY AND APPLICATION DESIGN</u>	<u>APPLICATION DESIGN, SCRATCH AND PUBLISHER</u>	<u>SPREADSHEETS, DATA ENTRY, FORMATTING, FORMULAE AND GRAPHS</u>	<u>CODE COMBAT AND HOUR OF CODE</u>	<u>PARTS OF A COMPUTER, NETWORKING AND EMAILING</u>
<b>Modern Foreign Language (FRENCH)</b>	<p>General greetings, asking someone their name and age. Alphabet.            Answering the register in French.            European Day of Languages.            Colours in French.            Giving our birthday and months of year and days of week.            Family and pets vocab.            Saying where we live            Numbers 0-30.            Role-plays in pairs.            Classroom language.            Oral assessment- pair-work.            In town: 'En ville' vocab.            Christmas and New Year-vocab and cultural traditions.</p>		<p>Asking where a place is and giving basic directions. Basic prepositions and song.            School vocab- classroom objects.            Revision of numbers. Further numbers -80.            Asking for and giving the time.            Food vocab and saying what we like to eat and drink            The Euro paying for your shopping. Role plays.            Lesson on: Where French is spoken, neighbouring countries to France.            Spring assessment and consolidation. Self-assessment.</p>	<p>Food vocab and saying what we like to eat and drink            Enjoy your meal-restaurant vocab.            Buying an ice cream.            Numbers to 200.            Advantages of a second language. Cultural lesson on Paris and main attractions.            End of year assessment and consolidation. Self-assessment.</p>	
<b>Modern Foreign Language (SPANISH) CAROUSEL WITH Food/Art</b>	<p>General greetings and recap on numbers and alphabets            Class room instructions            All about me – face and body            International Day of Languages – Independent research on a Hispanic country and people.            What am I like? – personality            When is your birthday? – months, days and numbers and seasons            Asking questions: qué, cómo, quien, cuándo, donde            Pets and colours and their personality            What is there in my bag?</p> <p><u>Method of delivery:</u> VAK            Speaking, listening            Reading and writing            Interactive games, songs, listening and speaking in pairs and presentations in classroom.</p> <p><u>Differentiation:</u> 1) Vocabulary recognition, 2) Retaining of some of the target language. 3) Retaining most of the target language and constructing short sentences with connectives.</p> <p><u>Assessment:</u> Within lesson oral and aural through games, writing, peer and teacher assessment.</p>				

<h1 style="text-align: center;">Food/Art CAROUSEL</h1>	<p><b>FOOD:</b></p> <p style="text-align: center;"><b><u>Design and make food project: Fruit smoothies</u></b></p> <p><u>Areas covered:</u></p> <ul style="list-style-type: none"> <li>• Food room health and safety</li> <li>• Understanding a design brief and specification</li> <li>• Food taste testing</li> <li>• Designing a product</li> <li>• Making a product</li> <li>• Packaging and Labelling</li> </ul>		<p><b>ART :</b></p> <p><u>Areas covered</u></p> <ul style="list-style-type: none"> <li>• Learning how to classify colours and mix colours</li> <li>• Learning about two artists who use bold colours</li> </ul> <p><b>Piet Mondrian</b> – learn about Mondrian's life and paint a picture in the style of Mondrian  <b>Henri Matisse</b> – learn about Matisse's life and work, still life and 'painting with scissors' art with cut out shapes.          Create a cut out collage piece of art and use paint to create a still life picture in the style of Matisse</p>			
<h1 style="text-align: center;">Music</h1>	<p style="text-align: center;"><b><u>AFRICA</u></b></p> <p>Exploring rhythm Djembe drumming African dance</p> <p>Preparing songs for Harvest</p>	<p style="text-align: center;"><b><u>LYRICS AND MELODY</u></b></p> <p>Understanding verse and chorus format in song Composition of lyrics to a given tune</p> <p style="text-align: center;"><b><u>CHRISTMAS</u></b></p>	<p style="text-align: center;"><b><u>EXPLORING LISTENING</u></b></p> <p>Study of the Renaissance, Baroque and Classical eras</p>	<p style="text-align: center;"><b><u>EXPLORING BEAT</u></b></p> <p>Rap and beat boxing</p>	<p style="text-align: center;"><b><u>EXPLORING COMPOSITION</u></b></p> <p>Notation and knowledge of clefs Composition using notes and clefs Knowledge of scales and tonalities Brief study of the Classical era Graphic Composition</p>	<p style="text-align: center;"><b><u>EXPLORING PERFORMANCE</u></b></p> <p>Working on a performance as a class using voices, keyboards and percussion</p>
<h1 style="text-align: center;">Games/P.E</h1>	<p>Girls: Games – Netball, Football, Cross Country and Hockey P.E. Fitness / Swimming</p> <p>Boys: Rugby, Cross Country P.E. Fitness / Swimming</p>		<p>Girls: Netball, Football, Cross Country P.E. Gymnastics / multi skills</p> <p>Boys: Football, Cross Country P.E. Gymnastics / multi skills</p>		<p>Girls: Rounders, Athletics, Cross Country P.E. Tennis, Swimming</p> <p>Boys: Cricket, Athletics, Cross Country P.E. Tennis / Swimming</p> <p style="text-align: center;">Biathlon training</p>	
<h1 style="text-align: center;">Wellbeing</h1>	<p>This year all children will learn:</p> <ul style="list-style-type: none"> <li>• British Sign Language through the BSL SignSpell scheme</li> <li>• Keeping Safe and First Aid in line with the teachings of St. John Ambulance and The Red Cross</li> </ul> <p>as well as experiencing a half term of Forest School.</p> <p>Mindfulness and wellbeing will be further developed through enrichment opportunities and all children will continue to explore friendships, rights and responsibilities, British values and a variety of topics linked to Wellbeing, through everyday teaching.</p>					