

FARRINGTONS JUNIOR SCHOOL



CURRICULUM OVERVIEW



2017-18

YEAR 5



FARRINGTONS JUNIOR SCHOOL – YEAR 5 - CURRICULUM OVERVIEW 2017-18



English

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

Science

<u>OUT OF THIS WORLD</u>	<u>LIFECYCLES</u>	<u>MATERIAL WORLD</u>	<u>GROWING UP AND GROWING OLD</u>	<u>FORCES</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> 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> 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> 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</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> 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> 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> 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> 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> Newspaper report. Research skills Comprehension skills Investigative writeups 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> Research skills Observation skills Reporting skills Investigative skills</p>

History	<u>ANCIENT GREEKS</u>			<u>VIKINGS</u>		
	<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>		
Geography	<u>PASSPORT TO THE WORLD</u>	<u>THE CHOCOLATE TRADE</u>	<u>WATER</u>	<u>THE USA</u>	<u>CLIMATE CHANGE</u>	<u>THE MEDITERRANEAN</u>
	<p><u>Content:</u> Continents Hemispheres Equator Locate places in an atlas Flags Landmarks in the UK Landmarks around the world Natural features of the UK Climate and weather Plants and animals in different climates</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 Ghana Cooperatives 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 The human water cycle Cleaning water Drought Conservation Water harvesting Water Aid</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 Flooding in Mississippi California Drought</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>	<p><u>Content:</u> Locating Europe The Mediterranean Sea and surrounding countries Italy –physical and human features Bologna case study</p> <p><u>Skills focus:</u> Interpreting and using maps, diagrams, globes and aerial photographs to locate countries and describe features</p>

<p>Religious Studies</p>	<p><u>PEACE</u></p> <p>Religious interpretations of peace Acts of achieving and creating peace Symbols of peace Symbolic people of peace</p>	<p><u>THE TRUE MEANING OF CHRISTMAS</u></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><u>WORSHIP</u></p>	<p><u>FORGIVENESS</u></p>	<p><u>JESUS THE HEALER</u></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><u>COMMITMENT</u></p>
<p>Computing</p>	<p><u>ESAFETY AND APPLICATION DESIGN</u></p>	<p><u>APPLICATION DESIGN, SCRATCH AND PUBLISHER</u></p>	<p><u>SPREADSHEETS, DATA ENTRY, FORMATTING, FORMULAE AND GRAPHS</u></p>		<p><u>CODE COMBAT AND HOUR OF CODE</u></p>	<p><u>PARTS OF A COMPUTER, NETWORKING AND EMAILING</u></p>
<p>Modern Foreign Language (FRENCH)</p>	<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 in preparation for trip to France. 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 in preparation for trip to France. Enjoy your meal-restaurant vocab. Buying an ice cream. Numbers to 200. Leisure activities vocab. Advantages of a second language. Cultural lesson on Paris and main attractions. End of year assessment and consolidation. Self-assessment.</p>	
<p>Art/Food/Ceramics CAROUSEL</p>	<p><u>ART:</u></p> <p><u>HENRI MATISSE</u></p>		<p><u>FOOD:</u></p> <p><u>Design and make food project: Fruit smoothies</u></p> <p><u>Areas covered:</u></p> <ul style="list-style-type: none"> • Food room health and safety • Understanding a design brief and specification • Food taste testing • Designing a product • Making a product • Packaging and Labelling 		<p><u>CERAMICS :</u></p> <p>Principles of pottery : Health & Safety & 3 Golden rules of ceramics</p> <p>Making:</p> <ul style="list-style-type: none"> • Small model • Slip and score technique • Pinch pot egg cup & spoon • Hollow forms <p>Glazing:</p> <ul style="list-style-type: none"> • Glimmer glazes • Slip • Paint on glaze • Dipping glazes 	

<p style="text-align: center;">Music</p>	<p style="text-align: center;"><u>AFRICA</u></p> <p>Exploring rhythm Djembe drumming African dance</p>	<p style="text-align: center;"><u>LYRICS AND MELODY</u></p> <p>Understanding verse and chorus format in song Composition of lyrics to a given tune</p> <p style="text-align: center;"><u>CHRISTMAS</u></p> <p>Choir: Yrs 3456 song for Christmas service Choir Yrs 5678 song for Senior service</p>	<p style="text-align: center;"><u>EXPLORING LISTENING</u></p> <p>Study of the renaissance era</p> <p>Choir: 3456: 2/3 songs for Bromley Festival Choir: 5678: 2/3 songs for Bromley Festival</p>	<p style="text-align: center;"><u>EXPLORING BEAT</u></p> <p>Rap and beat boxing</p> <p>Choir: 3456 : 2 or 3 songs for Bromley Festival Choir: 5678: 2 or 3 songs for Bromley Festival</p>	<p style="text-align: center;"><u>EXPLORING COMPOSITION</u></p> <p>Notation and knowledge of clefs Composition using notes and clefs Knowledge of scales and tonalities Brief study of the Classical era</p>	<p style="text-align: center;"><u>EXPLORING PERFORMANCE</u></p> <p>Working on a performance as a class using voices, keyboards and percussion</p>
<p style="text-align: center;">Games/P.E</p>	<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>	
<p style="text-align: center;">Wellbeing</p>	<p>Rights and responsibilities in the school environment Gifts and talents Exploring feelings Working co-operatively Effective communication Role models Recognising different types of friendships Resolving conflicts Managing anger Anti-bullying Basic first aid</p>		<p>Respectful behaviour Anti-social behaviour and the consequences of crime Rules and laws The judicial system and the work of the local courts Voting and debating Having a say in the school community Puberty</p>		<p>Political parties in the UK What is Parliament Voting stations Differences of opinion Standing out from the crowd Being assertive</p>	