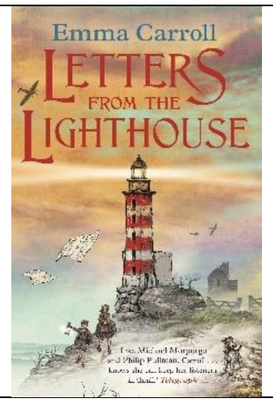
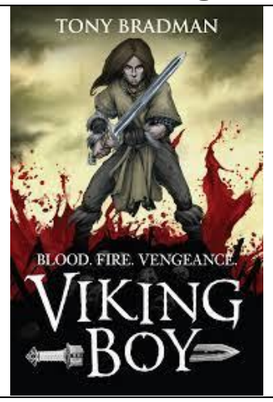
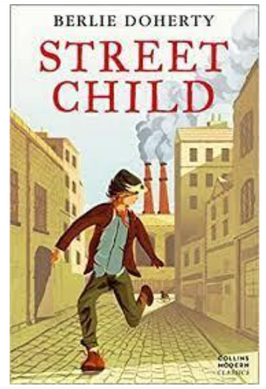
Year 6	Year Group Curriculum Overview 2023-2024 The table below shows our creative curriculum.				
Units of work	**The World Wars**	**Planet Earth**	**The Vikings**	**The Victorians**	**The Human Body**
Reading Text		**TBC**			
Writing	Writing to Entertain: story	Writing to inform: Presentation and non-chronological report Writing to Persuade: Information Leaflet Writing to Entertain: Descriptive Voice Over	Writing to Entertain: Description and Story Writing to Inform: Information Page	Writing to Persuade: Letter Writing to Entertain: Diary or Story	Writing to Inform: Report
Science **Also see below**		Living Things and Their Habitats Evolution			Animals Including Humans
History	The World Wars		The Vikings	The Victorians	
Geography		An Overview of Planet Earth: Natural Disasters The Galapagos Islands Climate Change		Our Local Area linked to Victorian History	

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Year 6

Maths Overview 2023-2024

The table below shows our maths curriculum.

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Autumn	**Number and Place Value** • Read, write, order and compare numbers up to 10,000,000 and determine the value of each digit. • Round any whole number to a required degree of accuracy. • Use negative numbers in context, and calculate intervals across 0. • Solve number and practical problems that involve all of the above.		**Addition, Subtraction, Multiplication and Division** • Multiply multi-digit numbers up to 4 digits by a two-digit whole number using the formal written method of long multiplication. • Divide numbers up to 4 digits by a two-digit whole number using the formal written method of long division, and interpret remainders as whole number remainders, fractions, or by rounding, as appropriate for the context. • Divide numbers up to 4 digits by a two-digit number using the formal written method of short division where appropriate, interpreting remainders according to the context. • Perform mental calculations, including with mixed operations and large numbers. • Identify common factors, common multiples and prime numbers. • Use their knowledge of the order of operations to carry out calculations involving the 4 operations. • Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why. • Solve problems involving addition, subtraction, multiplication and division. • Use estimation to check answers to calculations and determine, in the context of a problem, an appropriate degree of accuracy.					**Fractions** • Use common factors to simplify fractions; use common multiples to express fractions in the same denomination. • Compare and order fractions, including fractions >1. • Add and subtract fractions with different denominators and mixed numbers, using the concept of equivalent fractions. • Multiply simple pairs of proper fractions, writing the answer in its simplest form [for example, $\frac{1}{4} \times \frac{1}{2} = \frac{1}{8}$]. • Divide proper fractions by whole numbers [for example, $\frac{1}{3} \div 2 = \frac{1}{6}$]. • Associate a fraction with division and calculate decimal fraction equivalents [for example, 0.375] for a simple fraction [for example, $\frac{3}{8}$]. • Solve problems which require answers to be rounded to specified degrees of accuracy. • Recall and use equivalences between simple fractions, decimals and percentages, including in different contexts.			**Converting units** • Use, read, write and convert between standard units, converting measurements of length, mass, volume and time from a smaller unit of measure to a larger unit, and vice versa, using decimal notation to up to 3 decimal places. • Convert between miles and kilometres.
Spring	**Decimals** • Identify the value of each digit in numbers given to 3 decimal places and multiply and divide numbers by 10, 100 and 1,000 giving answers up to 3 decimal places. • Multiply one-digit numbers with up to 2 decimal places by whole numbers. • Use written division methods in cases where the answer has up to 2 decimal places. • Recall and use equivalences between simple fractions, decimals and percentages, including in different contexts. • Associate a fraction with division and calculate decimal fraction equivalents [for example, 0.375] for a simple fraction.		**Percentages** • Recall and use equivalences between simple fractions, decimals and percentages, including in different contexts.	**Measurement: Perimeter, Area and Volume** • Solve problems involving the calculation and conversion of units of measure, using decimal notation up to 3 decimal places where appropriate. • Recognise that shapes with the same areas can have different perimeters and vice versa. • Recognise when it is possible to use formulae for area and volume of shapes. • Calculate the area of parallelograms and triangles. Calculate, estimate and compare volume of cubes and cuboids using standard units, including cubic centimetres (cm^3) and cubic metres (m^3), and extending to other units [for example, mm^3 and km^3].		**Ratio** • Solve problems involving the relative sizes of 2 quantities where missing values can be found by using integer multiplication and division facts. • Solve problems involving the calculation of percentages [for example, of measures and such as 15% of 360] and the use of percentages for comparison. • Solve problems involving similar shapes where the scale factor is known or can be found. • Solve problems involving unequal sharing and grouping using knowledge of fractions and multiples.	**Algebra** • Use simple formulae. • Generate and describe linear number sequences. • Express missing number problems algebraically. Find pairs of numbers that satisfy an equation with 2 unknowns. • Enumerate possibilities of combinations of 2 variables.	**Statistics** • Interpret and construct pie charts and line graphs and use these to solve problems. • Calculate and interpret the mean as an average.	

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Summer	**Properties of Shape** • Draw 2-D shapes using given dimensions and angles. • Recognise, describe and build simple 3-D shapes, including making nets. • Compare and classify geometric shapes based on their properties and sizes and find unknown angles in any triangles, quadrilaterals, and regular polygons. • Illustrate and name parts of circles, including radius, diameter and circumference and know that the diameter is twice the radius. • Recognise angles where they meet at a point, are on a straight line, or are vertically opposite, and find missing angles.	**Position and Direction** • Describe positions on the full coordinate grid (all 4 quadrants). • Draw and translate simple shapes on the coordinate plane, and reflect them in the axes	**Consolidation** • Revision of all topics taught • Financial literacy • Planning and budgeting a project Transition to KS3

Year 6	Curriculum Overview 2023-2024 The table below shows units within particular subjects that are taught discretely.					
Science	Electricity			Light		
Computing	E-safety Programming	E-safety Internet communication	E-safety 3D modelling	E-safety Web page creation	E-safety Spreadsheets	
Art & Design	Drawing: Make My Voice Heard		Craft and Design: Photo Opportunity	Painting and Mixed Media: Artist Study		Sculpture and 3D: Making Memories
Design & Technology		Electrical Systems: Steady Hand Game	Digital World: Navigating the world	Structure: Playgrounds	Mechanical Systems: Automata toys	Cooking and nutrition: Come Dine With Me
PSHE	Being me in my world	Dreams and goals	Celebrating difference		Relationships	Healthy me Changing me
RE	The Trinity: How is God three and yet one?	Christmas: What to the Gospels say about the birth of Jesus and why is it good news?	Adam, Eve, Christmas and Easter: What are the connections?	Easter: Did Jesus have to die?	Buddhism: What is the Buddhist way of life?	Islam: How can a mosque help us understand Muslim faith? How do the Pillars of Islam help Muslims lead a good life?
PE	Basketball & Hockey	Indoor Athletics & Volleyball	Gymnastics & Cross-Country	Tennis & Athletics	Athletics & Cricket	Rounders & Dance
Music	The music of WW2 Listening Analysis	Revisit pitch and rhythm Elements of music	Christmas Music	African Music and drumming	Music of Victorian times	Instrument: Djembe
French	Colours and clothing Clothing adjectives	Clothing verbs, prepositions, descriptions	Christmas Carol / Easter	Classroom items and prepositions	Food, verbs, opinions	Telling the time

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