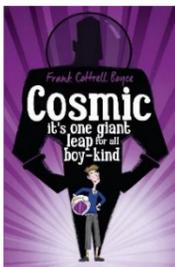
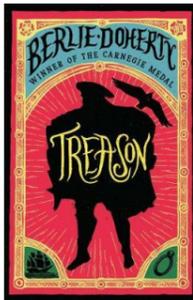
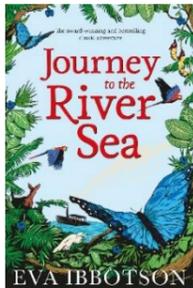


Year 5 Curriculum Overview 2022-2023 The table below shows our creative curriculum.					
Units of work	Mighty Mountains	Earth and Beyond	The Titanic	The Tudors	South America
Text					
Reading	<ul style="list-style-type: none"> Retrieval – answer basic retrieval questions linked to the text Interpret – make observations, predictions and ask questions about the front cover; make simple inferences about the text and characters Identify how language, structure and presentation contribute to meaning Skim and scan for information Identify and explain how language is used to help the reader visualise the setting, character and events 	<ul style="list-style-type: none"> Retrieval – answer basic retrieval questions linked to the text Interpret – make observations, predictions and ask questions about the front cover; make detailed inferences about the text and characters Understand how narrative is structured in different ways Understand an author's technique and use of language Identify and explain how language is used to help the reader visualise the setting, character and events 	<ul style="list-style-type: none"> Retrieval – answer basic retrieval questions linked to the text Interpret – make observations, predictions and ask questions about the front cover; make simple inferences about the text and characters Understand how narrative is structured in different ways Understand an author's technique and use of language Identify and explain how language is used to help the reader visualise the setting, character and events 	<ul style="list-style-type: none"> Retrieval – answer basic retrieval questions linked to the text Interpret – make observations, predictions and ask questions about the front cover; make simple inferences about the text and characters Understand how narrative is structured in different ways Understand an author's technique and use of language Identify and explain how language is used to help the reader visualise the setting, character and events 	<ul style="list-style-type: none"> Retrieval – answer basic retrieval questions linked to the text Interpret – make observations, predictions and ask questions about the front cover; make simple inferences about the text and characters Understand how narrative is structured in different ways Understand an author's technique and use of language Identify and explain how language is used to help the reader visualise the setting, character and events
Writing	<p>Non-fiction writing Non-chronological reports (Layout, headings, subheadings, captions) Instructional writing – Survival Guide (modal verbs and adverbials of time)</p>	<p>Narrative – story writing Planning and writing a sci-fi story set in space – use of flashbacks Character and setting descriptions – descriptive vocabulary to describe space Dialogue</p>	<p>Diary writing Writing from different characters perspectives Writing in first person/past tense</p>	<p>Persuasive Letter writing (Anne Boleyn) Persuasive language and features Presentation and structure of a letter</p> <p>Treason Letters – descriptive Formality</p>	<p>Non-fiction writing Non-chronological reports (Layout, headings, subheadings, captions)</p> <p>Narrative – story writing Character and setting descriptions Dialogue Newspaper report</p>
Science Also see below		Science- Earth and space			
Art and Design	<p>Artist: Jen Aranyi</p> <ul style="list-style-type: none"> - Foreground/background - Hatching and cross hatching - Complementary and analogous colours 	<p>Artist: Peter Thorpe</p> <ul style="list-style-type: none"> - Pastel skills - Watercolours 		<p>Artist: Hans Holbein</p> <ul style="list-style-type: none"> - Tudor split portraits - Research his life and work in Tudor times 	<p>Artist: Joaquin Torres Garcia – South American artist</p> <p>Rainforest in a shoe box</p>

<p>Design Technology</p>			<p>Design and make a boat</p> <ul style="list-style-type: none"> - Testing materials <p>Apply scientific knowledge of water resistance, aerodynamics</p>		<p>Design and create a jaguar mask</p> <ul style="list-style-type: none"> - Research different types of masks worn in Mayan times - Design a mask for a Mayan leader to use in a ceremony - Use papier mâché
<p>History</p>	<p>Historical achievements: Edmund Hilary and Tenzing Norgay</p> <p>Significant contributions to the world</p>	<p>Space explorers throughout History</p> <p>Significant contributions to the world</p>	<p>Britain History – The Titanic</p> <ul style="list-style-type: none"> -using a range of sources -Use relevant dates, terms and period labels. - Study different aspects of different people (men, women, rich, poor). - Examine causes and results of great events and the impact on people. - Compare the life in the early and the late times studied. - Compare accounts from different sources about the same event. <p>Harriet Quimby</p>	<p>The Tudors</p> <p>War of the Roses, Tudor explorers, Tudor monarchs, daily life of the Tudors, crime and punishment</p> <ul style="list-style-type: none"> - Begin to identify primary and secondary sources. - Use evidence to build a picture of life in the time studied. <p>Use relevant dates, terms and period labels.</p> <ul style="list-style-type: none"> -Relate current studies to previous learning. -Describe the main changes in the period of history. -Compare accounts from different sources about the same event. 	<p>Mayans</p> <p>Mayan Civilisation: origins, Gods, calendar system, number system.</p>
<p>Geography</p>	<p>Mountains: Physical features, mountain formation, mountain ranges, UK mountains, Mount Everest, types of mountains</p> <p>Using an atlas</p> <p>Climate graphs</p> <p>Begin to use atlases to find out other information e.g. temperature.</p> <p>Explain how mountains are formed, describe the different types of mountains and locate different mountains around the world.</p> <p>Explain the different uses and impact of human activity on mountains (tourism).</p>		<p>Plotting the route taken by the Titanic and location of icebergs in relation to the Arctic.</p>		<p>South America – countries and location in relation to equator, climate, rainforests</p> <p>Analyse evidence and draw conclusions e.g. compare maps of varying scales e.g. temperature of various locations – influence on people/ everyday life.</p> <p>Describe the distribution of natural resources including energy, food, minerals and water in the continents and countries studied.</p> <p>Locate the world’s countries, focusing on North and South America.</p>

Year 5	Maths Overview 2022-2023 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 <ul style="list-style-type: none"> read, write, order and compare numbers to at least 1,000,000 and determine the value of each digit count forwards or backwards in steps of powers of 10 for any given number up to 1,000,000 interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers, including through 0 round any number up to 1,000,000 to the nearest 10, 100, 1,000, 10,000 and 100,000 solve number problems and practical problems that involve all of the above read Roman numerals to 1,000 (M) and recognise years written in Roman numerals 			Addition and Subtraction <ul style="list-style-type: none"> add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction) add and subtract numbers mentally with increasingly large numbers use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why 			Multiplication and Division <ul style="list-style-type: none"> identify multiples and factors, including finding all factor pairs of a number, and common factors of 2 numbers know and use the vocabulary of prime numbers, prime factors and composite (non-prime) numbers establish whether a number up to 100 is prime and recall prime numbers up to 19 multiply and divide whole numbers and those involving decimals by 10, 100 and 1,000 recognise and use square numbers and cube numbers, and the notation for squared (2) and cubed (3) solve problems involving multiplication and division, including using their knowledge of factors and multiples, squares and cubes 			Fractions <ul style="list-style-type: none"> compare and order fractions whose denominators are all multiples of the same number identify, name and write equivalent fractions of a given fraction, represented visually, including tenths and hundredths recognise mixed numbers and improper fractions and convert from one form to the other and write mathematical statements > 1 as a mixed number [for example, $\frac{2}{5} + \frac{4}{5} = \frac{6}{5} = 1\frac{1}{5}$] add and subtract fractions with the same denominator, and denominators that are multiples of the same number 		
Spring	Multiplication and Division <ul style="list-style-type: none"> multiply numbers up to 4 digits by a one- or two-digit number using a formal written method, including long multiplication for two-digit numbers multiply and divide numbers mentally, drawing upon known facts divide numbers up to 4 digits by a one-digit number using the formal written method of short division and interpret remainders appropriately for the context solve problems involving addition, subtraction, multiplication and division and a combination of these, including understanding the meaning of the equals sign solve problems involving multiplication and division, including scaling by simple fractions and problems involving simple rates 			Fractions <ul style="list-style-type: none"> multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams 			Decimals and Percentages <ul style="list-style-type: none"> recognise the per cent symbol (%) and understand that per cent relates to 'number of parts per 100', and write percentages as a fraction with denominator 100, and as a decimal fraction solve problems which require knowing percentage and decimal equivalents of $\frac{1}{2}$, $\frac{1}{4}$, $\frac{1}{5}$, $\frac{2}{5}$, $\frac{4}{5}$ and those fractions with a denominator of a multiple of 10 or 25 			Measurement: Perimeter and Area <ul style="list-style-type: none"> measure and calculate the perimeter of composite rectilinear shapes in centimetres and metres calculate and compare the area of rectangles (including squares), including using standard units, square centimetres (cm^2) and square metres (m^2), and estimate the area of irregular shapes 		Statistics <ul style="list-style-type: none"> solve comparison, sum and difference problems using information presented in a line graph complete, read and interpret information in tables, including timetables
Summer	Properties of Shape <ul style="list-style-type: none"> identify 3-D shapes, including cubes and other cuboids, from 2-D representations know angles are measured in degrees: estimate and compare acute, obtuse and reflex angles draw given angles, and measure them in degrees ($^\circ$) identify: angles at a point and 1 whole turn (total 360°), angles at a point on a straight line and half a turn (total 180°), other multiples of 90°, use the properties of rectangles to deduce related facts and find missing lengths and angles, distinguish between regular and irregular polygons based on reasoning about equal sides and angles 			Position and Direction <ul style="list-style-type: none"> identify, describe and represent the position of a shape following a reflection or translation, using the appropriate language, and know that the shape has not changed 			Decimals <ul style="list-style-type: none"> read and write decimal numbers as fractions [for example, $0.71 = \frac{71}{100}$] recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents read, write, order and compare numbers with up to 3 decimal places solve problems involving number up to 3 decimal places round decimals with 2 decimal places to the nearest whole number and to 1 decimal place 			Negative numbers <ul style="list-style-type: none"> interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers, including through 0 	Measurement: Converting Units and Volume <ul style="list-style-type: none"> convert between different units of metric measure [for example, kilometre and metre; centimetre and metre; centimetre and millimetre; gram and kilogram; litre and millilitre] understand and use approximate equivalences between metric units and common imperial units such as inches, pounds and pints estimate volume [for example, using 1 cm^3 blocks to build cuboids (including cubes)] and capacity [for example, using water] solve problems involving converting between units of time use all four operations to solve problems involving measure [for example, length, mass, volume, money] using decimal notation, including scaling 	



Curriculum Overview 2022-2023							
Year 5	The table below shows units within particular subjects that are taught discretely.						
Science	Forces	Earth and Space	Properties and changes of materials	Properties and changes of materials	Living things and their habitats	Animals including humans	
Computing	Evolve – E-Safety – Online relationships Sharing Information	Evolve: E-safety – Online reputation Video Production	Evolve: E-safety – Online bullying Selection in physical computing	Evolve: Online Information Flat file databases	Evolve: E-safety – Health well being and lifestyle Selection in quizzes	Evolve: E-safety –privacy and security	
PSHE	Being Me In My World	Celebrating Difference	Dreams and Goals	Healthy Me	Relationships	Changing me	
RE	What is the 'Golden Rule' and are they all the same? Who did Jesus say 'I am'?	Christmas Yr5: Why is light an important sign at Christmas?	How did Jesus' teaching challenge people?	Easter Y5: How do Christians know what happened at Easter?	How can churches help us understand Christian belief?	Sikhism - What do Sikhs value?	
PE	Basketball & Hockey	Indoor Athletics & Volleyball	Gymnastics & Cross-Country	Tennis & Athletics	Athletics & Cricket	Rounders & Dance	
Music	Celestial Composers – Earth and Space Music	Rap Music Music analysis – listening skills	Christmas Music	Writing a Star Wars Rap Revisit rhythm, Composition	Tudor Music	Pitch Notation revisited	Instrument: Ukulele
French	Numbers, Months and Birthdays	The Body	Pets Adding Colour	Animals Adding adjectives	Christmas Carol, New Year Traditions	Classroom Instructions Colour adjectives - pets	Feelings in French – I like, I don't like, I love Basic verbs