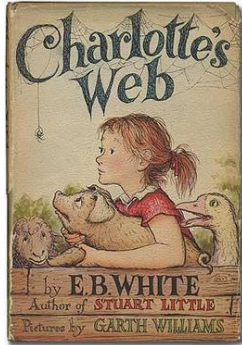
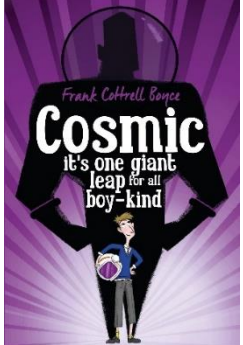
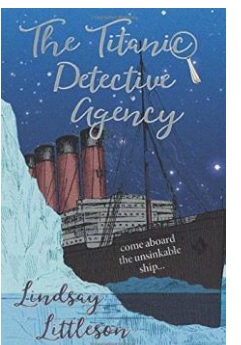
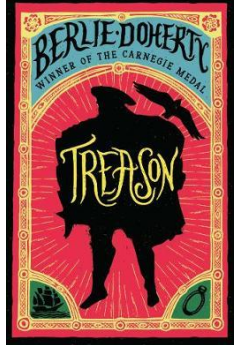
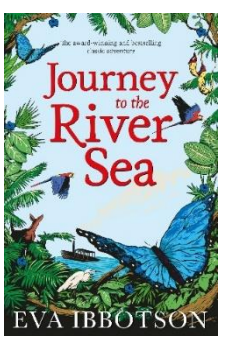


Year 5 Curriculum Overview 2021-2022 The table below shows our creative curriculum.					
Units of work	Charlotte's Web	Earth and Beyond	The Titanic	The Tudors	South America
Text					
Reading	Retrieval – answer basic retrieval questions linked to the text. Interpret – make observations, predictions and ask questions about the front cover; make simple inferences about the text and characters. Understand an author's technique and use of language 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	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.			
Writing	Letter Writing Descriptive writing Narrative writing	Narrative – story writing Planning and writing a sci-fi story set in space Character and setting descriptions – descriptive vocabulary to describe space		Diary Report writing Letter writing Biography	Narrative Non-chronological report Formality Setting descriptions Newspaper report
Science Also see below		Science- Earth and space Sun, planets, solar system Forces	Forces, gears and pulleys		Life Cycles and plant reproduction Biomes Animals including humans
Art and Design	Quentin Blake- learn to sketch in his style Symmetrical patterns using wool	Design a planet Artist – Peter Thorpe – using pastels		Tudor Rose using paper mâché Tudor split portraits	Layers of the rainforest using paints. Joaquin Torres Garcia - artist

Design Technology				Make a Tudor doll and design and create a Tudor outfit	Design and create a jaguar mask using papier mâché and paint
History		Space explorers throughout history	British History – The Titanic	A study of an aspect or theme in British history that extends pupils' chronological knowledge beyond 1066: The Tudors	A non-European society that provides contrasts with British history: Mayans
Geography					Locational and place knowledge linked to South America

<h2 style="text-align: center;">Maths Overview 2021-2022</h2> <p style="text-align: center;">The table below shows our maths curriculum.</p>														
Year 5	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	<p style="text-align: center;">Number and Place Value</p> <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. 			<p style="text-align: center;">Addition and Subtraction</p> <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. 			<p style="text-align: center;">Statistics</p> <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. 		<p style="text-align: center;">Multiplication and Division</p> <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. 			<p style="text-align: center;">Measurement: Perimeter and Area</p> <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 (cm²) and square metres (m²), and estimate the area of irregular shapes. 		
Spring	<p style="text-align: center;">Multiplication and Division</p> <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. 			<p style="text-align: center;">Fractions</p> <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. <ul style="list-style-type: none"> Multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams. 					<p style="text-align: center;">Decimals and Percentages</p> <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. 					
Summer	<p style="text-align: center;">Decimals</p> <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. Round decimals with 2 decimal places to the nearest whole number and to 1 decimal place. Read, write, order and compare numbers with up to 3 decimal places. <ul style="list-style-type: none"> Solve problems involving number up to 3 decimal places. 			<p style="text-align: center;">Properties of Shape</p> <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 (°). 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. 			<p style="text-align: center;">Position and Direction</p> <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. 		<p style="text-align: center;">Measurement: Converting Units and Volume</p> <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 cm³ 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 2021-2022						
Year 5	The table below shows units within particular subjects that are taught discretely.					
Science	Properties and changes of materials					
Computing	We are cryptographers	E-safety We are game developers	We are artists	We are web developers	We are bloggers	We are architects
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	Rap music	Star Wars Rap, Earth and Space	Music analysis – listening skills	Tudor Music	Pitch Notation revisited	Story telling in Music
French	Pets Adding Colour	Earth and Space vocabulary OR Nationalities	Animals Adding adjectives	Classroom Instructions	Feelings in French – I like, I don't like, I love Basic verbs	Transport, Colour adjectives