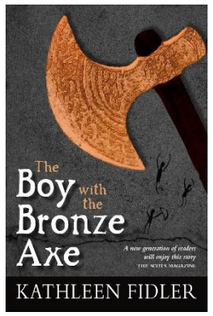
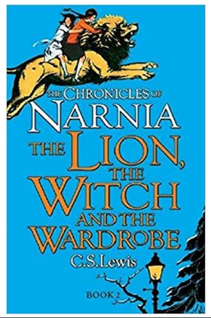
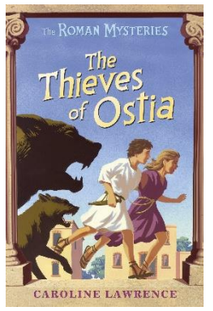
Year 4	Curriculum Overview 2021-2022 The table below shows our creative curriculum.				
Units of work	**Stone Age to Iron Age**	**Into the Wardrobe**	**Italy and Mountains**	**Blue Abyss**	**The Romans**
Text					
Reading	Predict – from the book cover Retrieval – retrieve information from a text Inference – character's feelings	Predict – what might happen next Explain – explain the character's choices in different parts of the text	Retrieval of facts from a non-fiction text	Reading and interpreting poetry	Prediction and Inference – Collecting clues from the story
Writing	Setting description Writing in the first person	Character descriptions Writing a battle scene including drama into our writing	Non- chronological report		Diary Entries
Science **Also see below**				Living things and their habitats. Animals including humans – the digestive system and teeth	
Art and Design	Clay necklaces Cave paintings	Collage Watercolour	Pastels Felting	Collage	Roman Shield Mosaics
Design Technology	Making Stonehenge Making bread		Pizza Making		
History	Changes in Britain from the Stone Age to the Iron Age	War time clothing	Historical landmarks in Italy		The ancient Roman Empire and its impact of the Roman Empire on Britain
Geography	Location of important Stone Age sites	Drawing maps and using map symbols.	Understand geographical similarities and differences through human and physical geography in a European country (Italy)	Continents and oceans of the world	
Computing **Also see below**		Creating radio presentations (podcasts)			Creating a collaborative wiki based on Roman research

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Year 4

Maths Overview 2021-2022

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** • Count in multiples of 6, 7, 9, 25 and 1000. • Find 1000 more or less than a given number. • Count backwards through zero to include negative numbers. • Recognise the place value of each digit in a four-digit number (thousands, hundreds, tens, and ones). • Order and compare numbers beyond 1000. • Identify, represent and estimate numbers using different representations. • Round any number to the nearest 10, 100 or 1000. • Solve number and practical problems that involve all of the above and with increasingly large positive numbers. • Read Roman numerals to 100 (I to C) and know that over time, the numeral system changed to include the concept of zero and place value.				**Addition and Subtraction** • Add and subtract numbers with up to 4 digits using the formal written methods of. • Columnar addition and subtraction where appropriate. • Estimate and use inverse operations to check answers to a calculation. • Solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why.			**Measurement: Length and Perimeter** • Convert between different units of measure [for example, kilometre to metre; hour to minute]. • Measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres.		**Multiplication and Division** • Recall multiplication and division facts for multiplication tables up to 12 × 12. • Use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1; multiplying together three numbers.		
Spring	**Multiplication and Division** • Recognise and use factor pairs and commutativity in mental calculations. • Multiply two-digit and three-digit numbers by a one-digit number using formal written layout. • Solve problems involving multiplying and adding, including using the distributive law to multiply two digit numbers by one digit, integer scaling problems and harder correspondence problems			**Area** • Find the area of rectiliner shapes by counting squares.	**Fractions** • Recognise and show, using diagrams, families of common equivalent fractions. • Count up and down in hundredths; recognise that hundredths arise when dividing an object by one hundred and dividing tenths by ten. • Solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number. • Add and subtract fractions with the same denominator. • Recognise and write decimal equivalents of any number of tenths or hundredths.			**Decimals** • Recognise and write decimal equivalents of any number of tenths or hundredths. • Round decimals with one decimal place to the nearest whole number. • Find the effect of dividing a one- or two-digit number by 10 and 100, identifying the value of the digits in the answer as ones, tenths and hundredths.		
Summer	**Decimals** • Compare numbers with the same number of decimal places up to two decimal places. • Solve simple measure and money problems involving fractions and decimals to two decimal places.		**Money** • Estimate, compare and calculate different measures, including money in pounds and pence.		**Time** • Read, write and convert time between analogue and digital 12- and 24-hour clocks. • Solve problems involving converting different measures of time.	**Statistics** • Interpret and present discrete and continuous data.	**Properties of Shape** • Compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes. • Identify acute and obtuse angles and compare and order angles up to two right angles by size		**Position and Direction** • Describe positions on a 2-D grid as coordinates in the first quadrant. • Describe movements between positions as translations of a given unit to the left/right and up/down. • Plot specified points and draw sides to complete a given polygon.		

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					• Identify lines of symmetry in 2-D shapes presented in different orientations • Complete a simple symmetric figure with respect to a specific line of symmetry.	

Year 4	Curriculum Overview 2021-2022 The table below shows units within particular subjects that are taught discretely.					
Science	States of Matter	Science - Electricity				
Computing	The internet	Audio Editing	Photo Editing	Data logging	Programming	
PSHE	Being me in my World	Celebrating Differences	Dreams and Goals	Healthy Me	Relationships	Changing Me
RE	Christianity: Prayer	Christianity Advent and the build up to Christmas	Christianity: Communion	Christianity : Easter and Lent	Christianity : Around the world	Hinduism
PE	Basketball and Hockey	Gymnastics and Orienteering	Indoor Athletics and Dance	Cross Country and Tennis	Athletics and Cricket	Rounders and Athletics
Music	Stone Age Music	Revisit Rhythm notation	Pitch notation	Elements of Music, ie dynamics, texture, timbre, tempo	Further Elements of Music	Musical Maths
French	Family, Adjectives	Family conversations Ages	Classroom commands Basic phrases	Food, I like, I don't like	Parts of the body, Masculine and feminine nouns	Further parts of the body, masculine, feminine nouns

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