



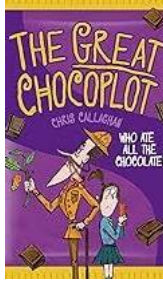
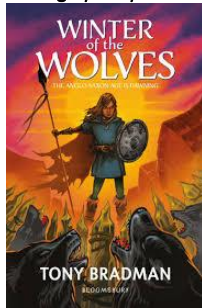
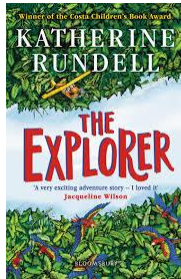
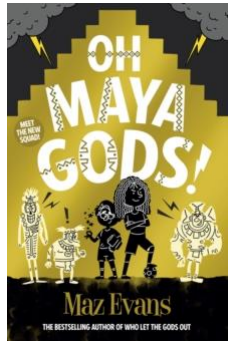
Year 4 Long term Scheme of Work

Term	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Theme	Ancient Egypt Driver Subject: History	Where Does Food Come From? Driver Subject: Geography	Anglo Saxons Driver Subject: History	Rivers and Water Driver Subject: Geography	Rainforest Driver Subject: Geography	Mayans Driver Subject: Geography
Values	Mutual Respect	Compassion	High expectations and Aspirations	Hard work	Discipline	Bravery

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
British Values	Mutual Respect	Democracy	Rule of Law	Individual Liberty	Democracy	Tolerance
Stunning Start (DfE Activity Passport link)	Mummify a tomato	Visit a City Farm	Create an Anglo-Saxon Shield	Take a trip to Walk Along a River	Go on a Forest Walk	Create a Mayan Dance
English (Writing)	Marcy and the Riddle of the Sphinx by Joe Todd-Stanton	Charlie and the Chocolate Factory by Roald Dahl	Beowulf by Michael Morpurgo	Rhythm of the Rain by Grahame Baker-Smith Poetry The River by Valerie Bloom Once Upon a Raindrop by James Carter	The Explorer by Katherine Rundell	Oh Maya Gods by Maz Evans
Writing Outcomes	Letter Writing Diary Entry Narrative Writing	Descriptive Writing Non-Chronological Report Narrative	Report of an Anglo Saxon Village Narrative (Fictional Recount of a day spent at an Anglo Saxon Feast) Persuasive Letter	Explanation (Water Cycle) Poetry	Diary entry Adventure narrative (Audience and Purpose)	Myth Non-Chronological Report (History) Balanced Report
SPaG Focus	Singular and Plural Nouns Pronouns Standard English Compound Words Adverbs to express time and cause	Possessive Pronouns Fronted Adverbials Prepositions to Express Time and Clause Plural and Possessive '-s' Commas	Adjectives Homophones Fronted Adverbials Expanded Noun Phrases	Determiners Word Families Prepositional Phrases Verb Tenses – Present Inverted Commas	Verb inflections Conjunctions to Express Time and Cause Suffixes Possessive Apostrophes Paragraphs	Verb Tenses – Past Prefixes Plural Possessive Apostrophes Subordinate clauses Organisational Devices



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Destination Reader	A Mummy ate my Homework by Thiago De Moraes	The Great Chocoplot by Chris Callaghan	Winter of the Wolves: The Anglo-Saxon Age is Dawning by Tony Bradman	Song of the River by Gill Lewis	The Explorer by Katherine Rundell	Oh Maya Gods by Maz Evans	
							
Maths	Place Value – 4 Digit Numbers (1) This unit builds on previous learning in Year 3 about place value within 1,000. This previous learning introduced children to the concept of counting in 10s, comparing numbers, ordering numbers and using a number line to 1,000. Children will continue to use these previously learnt skills and apply them when working with 4-digit numbers. Before they start this unit, it is expected that children: • have a solid understanding of place value within 1,000 from Year 3 • understand how to count in 10s and 100s • can order and compare numbers to 1,000. Place Value – 4 Digit Numbers (2) This unit builds on the previous unit, which introduced 4-digit numbers, emphasising the importance of place value. In the previous unit, children learnt to represent 4-digit numbers and count in 1,000s. In this unit, they will move on to comparing 4-digit numbers and ordering numbers to 10,000. This prepares them for tackling addition and subtraction of 4-digit numbers in the next unit, including numbers where exchanges are needed in more than one column. Addition and Subtraction This unit builds on children’s Year 3 work on adding and subtracting with 3-digit numbers. It further develops their estimation and answer-checking strategies and their problem-solving skills. This unit provides essential preparation for			Multiplication and Division (2) This unit expands learning from Year 3, where children developed confidence in knowing when to multiply and an understanding of the difference between equal grouping and sharing. This unit also builds on what children learnt in Year 3 about remainders and on work in Year 4 Unit 5, where children learnt their multiplication facts up to 12×12. Length and Perimeter This unit builds on the concept of 2D shapes, in particular children’s understanding of the properties of squares and rectangles. It also applies children’s prior knowledge of measurement in practical contexts. Fractions (1) This unit builds on work done in Year 3 on fractions. It introduces children to fractions greater than 1 in the form of mixed numbers and improper fractions and then develops their understanding of equivalent fractions. The next unit builds on these concepts to calculate with fractions and mixed numbers. Fractions (2) This unit builds on children’s work in Year 3 when they added and subtracted fractions with the same denominator. They deepen their understanding of finding a fraction of an amount using both unit and non-unit fractions. Children see the link between fractions and the work they have done on multiplication and division and they should now be able to deal with any times-table facts. Decimals (1) This is the first time children have covered decimals, but it builds directly on content covered within previous fraction units. The unit introduces children to writing fractional amounts in decimal notation and, in doing so, introduces the decimal point and the tenth			Decimals (2) This unit builds on children’s work in Year 4 on decimals and links closely to all their work on place value and fractions so far. Money Children have already worked with money and been formally introduced to decimals. Now they will learn how to write about money using £:p. Children should already be confident in knowing that 100p is equal to £1 and should be able to work out how much money is shown in notes and coins. Time This unit builds on the concepts of time learned in Year 3 Unit 13, particularly when telling time to the minute. Children will link their prior knowledge of facts to bar models that will help them convert between units. Geometry – Angles and 2D Shapes This unit builds upon the previous work children have done on recognising and identifying the basic properties of 2D shapes from Year 3. Children learnt to recognise angles as a turn and learnt about right angles. This unit also builds upon previous work children did on types of lines in Year 3, where they



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	beginning to add and subtract numbers with more than four digits. Measure – Area This unit builds on children’s understanding of the properties of squares, rectangles and rectilinear shapes. It extends children’s basic comprehension of shapes being ‘bigger’ or ‘smaller’ than one another and gives them a tangible way of measuring this. Children already know how to measure the distance around a shape. Multiplication and Division (1) This unit builds upon the previous work children have done on multiplication and division from Year 3, where children learnt how to multiply by equal grouping and to divide using sharing. This unit also builds upon previous work children have done on addition and subtraction. It also develops children’s reasoning skills, which they are developing throughout the year.		and hundredth columns. As key learning points, tenths and hundredths are covered in detail; dividing by 10 and 100 to result in answers containing decimal numbers is also a major focus. In the next unit, children will explore decimals in greater depth, and learn about their relationship with fractions.		learnt about horizontal and vertical lines, including symmetry and parallel and perpendicular lines. Statistics In this unit, children build on the work from Year 3 on statistics, when they were introduced to basic pictograms, bar charts and tables. Children are encouraged to explore the range of information that they can get from the data presented to them. Children will explore how the structure of line graphs, and the data presented within them, differs from bar charts. Geometry – Position and direction This unit introduces children to coordinate grids, using them to describe the positions of points and translations from one point to another. It builds on the knowledge developed in Unit 14 of the properties and symmetry of 2D shapes to identify and represent such shapes using coordinates.	
Science	Sound In this unit, children will investigate how sounds are made and how they travel. They will explore the relationship between vibrations and sound, learn how pitch and volume can be changed, and investigate how sounds become fainter over distance. Through practical enquiries, children will develop their understanding of how we hear sounds and how sound is used in everyday life.	Digestion and Food Chains In this unit, children will explore the human digestive system and learn how the body breaks down and absorbs food. They will investigate the role of different teeth and organs, and develop an understanding of food chains by identifying producers, predators and prey. Children will also learn how living things depend on one another within an ecosystem.	Electricity In this unit, children will investigate how electricity powers devices in everyday life. They will construct and test simple circuits, identify the components needed for a circuit to work, and explore the function of switches, conductors and insulators. Through practical investigations, children will develop their understanding of electrical systems and safety.	Changes of State In this unit, children will explore how materials change between solids, liquids and gases. They will investigate melting, freezing, evaporation and condensation, and learn about the water cycle. Through observations and experiments, children will develop an understanding of how changes of state occur and how they affect materials in the world around us.	Human impact on the Environment In this unit, children will investigate how human activities affect the environment. They will explore issues such as pollution, habitat change and waste, and consider how people can help protect the natural world. Through enquiry and discussion, children will develop an understanding of the importance of environmental	Classification of Plants and animals In this unit, children will learn how living things are grouped and classified according to their characteristics. They will identify similarities and differences between plants and animals, use classification keys, and explore how scientists organise living things. Children will develop their observation and enquiry skills while gaining a deeper



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					responsibility and sustainability.	understanding of biodiversity.
History	What did the ancient Egyptians believe? In this unit, the children will develop an awareness of how historians learn about the past using mummies, the Book of the Dead and pyramids. The children will learn about the importance of religion in the ancient Egyptians' lives and consider how this is evident in pyramids, worship and mummification. They will learn how the ancient Egyptians explained the existence of the world using their creation story.		How hard was it to invade and settle in Britain? In this unit, the children will develop their understanding of why people invade and settle and will learn about the Anglo-Saxon and Viking raids. They will learn about Anglo-Saxon beliefs and how Christianity spread. The children will investigate Anglo-Saxon settlements and investigate how the period of Anglo-Saxon rule came to end.			How did the achievements of the Ancient Maya impact their society and beyond? In this unit, the children will investigate the historical and archaeological evidence of the achievements of ancient people like the Maya. By making inferences and observing artefacts, they will study the Ancient Maya's settlements in rainforests, the cultural significance of chocolate and the impact of their beliefs, inventions and decline within and beyond their society.
Geography		Where does our food come from? In this unit, the children will look at the distribution of the world's biomes and mapping food imports from around the world. They will learn about trading fairly with a specific focus on Cote d'Ivoire and cocoa beans. They will explore where the food for their school		What are rivers and how are they used? In this unit, the children will explore different ways water is stored and moves and develop their understanding of the water cycle. They will name and map major rivers both in the UK and globally. The children will learn about the features and courses of a river and how they are used by humans, before studying a local river to spot these features.	Why are rainforests important to us? In this unit, the children will focus on the link between biomes and climate. The children will locate the Amazon rainforest and explore how the vegetation in	



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		dinners comes from and the pros and cons of local versus global.			tropical rainforest is defined by the two Tropics. They will investigate the physical features and layers of the Amazon rainforest, considering how plants adapt to these conditions. The children will learn about the people who live in the rainforest and discuss the impact of human activity locally and globally.	
Art and design	Craft and design: Ancient Egyptian scrolls In this unit, children will explore the art and symbolism of Ancient Egypt through the creation of their own scrolls. They will investigate Egyptian hieroglyphics, patterns and imagery, and experiment with a range of drawing and craft techniques. Using their knowledge of Ancient Egyptian culture, children will design and create decorative scrolls that communicate ideas and stories inspired by this fascinating civilisation.			Painting and mixed media: Light and dark In this unit, children will explore how artists use light and dark to create mood, atmosphere and depth in their work. They will experiment with shading, tone and colour mixing, study the work of a range of artists, and develop their understanding of how contrast can create dramatic effects. Children will apply these techniques to produce their own expressive paintings and mixed-media artwork.	Sculpture and 3D: Mega materials In this unit, children will investigate how artists and designers use large-scale materials to create sculptures and three-dimensional artwork. They will explore shape, form, structure and texture through practical experimentation with a variety of materials. Inspired by the work of sculptors, children will design, build and evaluate their own 3D creations, considering how materials can be manipulated to create strong and effective structures.	
Design and Technology		Mechanical systems: cars	Electrical systems: Torches In this unit, children will investigate how electrical systems are used to create functional products. They will explore the			Textiles: Fastenings



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		In this unit, children will explore how mechanical systems enable vehicles to move. They will investigate the components of a car, including axles and wheels, and discover how mechanisms help transfer movement. Using their design and making skills, children will design, build and evaluate their own moving vehicle, considering how well it performs and how it could be improved.	components of a simple circuit, learn how switches control the flow of electricity, and examine how torches are designed for everyday use. Children will then apply their understanding to design, make and evaluate their own working torch.			In this unit, children will explore different fastening methods used in textile products. They will investigate how fastenings such as buttons, Velcro and zips work, and consider their suitability for different purposes. Using a range of sewing and textile techniques, children will design, make and evaluate a textile product that incorporates an effective fastening.
Computing	Computational thinking	Programming 1: Further coding with Scratch	Online safety: Year 4	Investigating weather	Website design	Skills showcase - HTML
PE Outdoor	Tag Rugby	Netball	Basketball	Tennis	Athletics	Cricket
PE Indoor	Gymnastics	Dance	Badminton	Volleyball	Gymnastics	Dance
RE	What religions & worldviews are represented in our neighbourhood?	Why is the Bible special for Christians?	How and why do Hindu people worship in the home and in the Mandir? (Hindu Temple Visit)	Why is Easter important to Christian people? (Church Visit)	What makes me the person I am?	What happens when someone gets married?
Music	Mamma Mia!	Glockenspiel Stage 2	Stop!	Lean on Me	Black Bird	Reflect, Rewind and Replay
PSHE/RSHE	Being Me in my World	Healthy me	Relationships	Dreams and goals	Celebrating difference	Changing Me
French	All About France	On The Move	Gone Shopping	Where in the World	What's the Time	Holidays and Hobbies

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