

Year 4 Curriculum Overview

	Autumn	Spring	Summer
Educational Visits	Botanical Gardens Library visit	Viking Workshop	Rivers Fieldtrip
History	<p style="text-align: center;">Why did the Romans settle in Britain?</p> <p>Building on their learning of ancient civilizations, children will investigate why the Romans invaded Britain and the reaction of the Celts; learning how the Romans changed life in Britain.</p>	<p style="text-align: center;">How hard was it to invade and settle in Britain?</p> <p>Following on from the previous unit, children will understand why people invaded and settled, learning about Anglo-Saxon beliefs and the spread of Christianity and assessing the contribution of the Anglo-Saxons to modern Britain.</p>	<p style="text-align: center;">Were the Vikings raiders, settlers or invaders?</p> <p>Children will learn whether the Vikings were raiders, traders or settlers, making boats to see if the Vikings were engineers and exploring causes and consequences. Making deductions from sources, identifying the author's viewpoint and explaining how this impacts the accuracy of the source.</p>
Geography	<p style="text-align: center;">Why are rainforests important to us?</p> <p>Building on children's work on hot and cold places of the world, children will focus on the link between biomes and climate, children will locate the Amazon rainforest and explain how the vegetation in a tropical rainforest is defined by the two Tropics. They investigate the physical features and layers of the Amazon rainforest, considering how plants adapt to these conditions. Learning about the people who live in the rainforest, children discuss the impact of human activity locally and globally.</p>	<p style="text-align: center;">Where does our food come from?</p> <p>Building on the children's work on biomes, they will look at world biomes map food imports from around the world, children learn about trading fairly with a specific focus on Côte d'Ivoire and cocoa beans. They explore where the food for their school dinners comes from and the pros and cons of local versus global.</p>	<p style="text-align: center;">What are rivers and how are they used?</p> <p>Building on the children's climate knowledge, they will develop an understanding of the water cycle by investigating and recording different weather phenomena. Through mapping out the world's major rivers, children learn about the features and courses of a river. They study a local river as fieldwork and learn about ways in which humans interact with and use rivers locally and in a contrasting environment.</p>

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Science	Animals: Digestion and Food Developing their knowledge of the human skeleton, children will describe the function of key organs in the digestive system. Pupils will identify the types of human teeth and investigate factors that impact our dental health. They compare human teeth to other animals' and take on the role of a naturalist investigating animal faeces for clues about diet, digestion and dentition.		Energy: Electricity and Circuits Building on their work on light and shadows, they will explore appliances in their setting that use electricity, children learn how to work with electricity safely and build circuits. Pupils investigate electrical conductors and insulators and explore the relationship between the number of cells and bulb brightness. Real scenarios and historical discoveries inform children about scientific progression and home safety.		Living Things: Classification and changing habits Building on their work on habitats, children will identify different ways living things can be grouped, children make classification keys to explore which grouping methods are most effective. Pupils study ways that habitats may change over time and understand that humans can have both positive and negative effects on their surroundings. They play the role of naturalists and review the impact of conservation programme.		Materials: States of Matter Building on their work on rocks and materials, children will investigate the properties of solids, liquids and gases, children learn about the different states of matter. They explore changes of state using relatable examples and use this to explain changes to water through the water cycle. Pupils investigate the relationship between temperature and rate of evaporation while broadening their experience of working scientifically.		Energy: Sound and Vibrations Building on their learning on other forms of energy, children will explore different ways of producing sounds, children learn about the relationship between vibrations and what they hear. They use examples of echolocation to develop their understanding of how sound travels between objects and investigate the role of insulation to protect our ears. Pupils explore how pitch and volume can be altered and make their own musical instruments to demonstrate these principles.		Making connections This unit will bring together pupils' learning from multiple Science units, helping them to make connections between the key concepts and skills.		
	English	Autumn 1		Autumn 2		Spring 1		Spring 2		Summer 1		Summer 2	
Text The Old Warehouse Story Pattern Warning story Focus Action		Text Text Type Explanation	Text Leon Story Pattern Portal story Fantasy story Focus Dialogue	Text How to make a rabbit appear from a hat Text Type Instructions	Text Zelda Claw Story Pattern Defeating a monster Focus Suspense	Text Looking after cats/dogs Text Type Information report	Text Elf Road Story Pattern Portal story Focus Description	Text Text Type Discussion	Text King Midas Story Pattern Wishing take Focus Setting	Text Midas's plea to be freed from his curse. Text Type Persuasion	Text The Red Eye Story Pattern Suspense story Focus Character-reflection and viewpoint	Text Recollection of being scared. Text Type Recount	

	Autumn		Spring		Summer	
Maths	Place value Addition and subtraction Measurement Multiplication and division		Multiplication and division Length and perimeter Fractions Decimals		Decimals Money Time Shape Statistics Position and direction	
Computing	Computing Systems and Networks	Programming	Computing Systems and Networks	Further coding with Scratch Computational Thinking	Creating Media: Website design	Data handling: Investigating weather
Online Safety	Safer Internet Day <ul style="list-style-type: none"> Describe how to search over multiple platforms and are aware of the accuracy of the results presented. Describe some of the methods used to persuade people to buy online. Explain the difference between fact, opinion and belief and recognise these online. Explain what a bot is and give examples of different bots. Explain some positive and negative distractions of using technology and small strategies on how to reduce the amount of time spent on technology. 					

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Art	Drawing: Power Prints Building on their learning of shades and tones, children will create several pencil tones when shading and create a simple 3D effect. Explore the effect of holding a pencil in different ways and applying different pressures. Children will use charcoal and rubber to show areas of light and dark in their drawings, showing some awareness of how to create contrast by including areas with more or less marks. Children will work cooperatively to create joint artwork.		Painting and mixed media: light and dark In year 3 pupils should have learned how to create different textures using different parts of a brush and how to use colour mixing to make natural colours. The skills learned in year 3 will be transferred to year 4 where pupils will learn how to mix a tint and a shade by adding black or white. They will use tints and shades of a colour to create a 3D effect when painting. By the end of year 4 pupils will have the knowledge to plan a painting by drawing and organising painting equipment independently, making choices about tools and materials. In year 5 pupils will learn how to develop a drawing into a painting.		Sculpture and 3D: Mega Materials Building on their sculpture learning, children will use familiar shapes to create simple 3D drawings and describing the shapes used. Children will make informed choices about their use of tools. They will create shadow sculptures using block lettering and bend wire to follow a simple template; then children will consider alternative ways to display their sculpture to photograph it.	
Design & Technology	Food: Adapting a Recipe Building on their investigations into flavours, children will follow a recipe, with some support. They will describe some of the features of a biscuit, based on taste, smell, texture and appearance. Children will adapt a recipe by adding extra ingredients to it.		Mechanical Systems: Making a slingshot car Building on their construction skills, children will work independently, children produce an accurate, functioning car chassis. They will design a shape that is suitable and attempt to reduce air resistance through the design of the shape. Children will produce panels that will fit the chassis and can be assembled effectively.		Electrical Systems: Torches Building on their electricity work in Science, children will identify electrical products and explain why they are useful. Children will make a working switch and identify the features of a torch and how it works. Describing what makes a torch successful, children will create suitable designs that fit the success criteria, and then create a functioning torch.	
Religious Education	Theme: Beliefs and Practices Key Question: How special is Allah to Muslims? Religion: Islam	Theme: Christmas Concept: Incarnation Key Question: What is the most significant part of the nativity story for Christians today? Religion: Christianity	Theme: Beliefs and Practices Key Question: How important is the Prophet Muhammad to Muslims? Religion: Islam	Theme: Easter Concept: Salvation Key Question: Is forgiveness always possible for Christians? Religion: Christianity	Theme: Beliefs and Practices Key Question: How does the Qur'an influence Muslims today? Religion: Islam	Theme: Prayer and Worship Key Question: Do people need to go to church to show they are Christians? Religion: Christianity
Music	Ballads Creating compositions	Developing singing techniques Pentatonic melodies and composition	Body and tuned percussion:	Rock and Roll	Samba and Carnival Sounds and instruments	Adapting and transposing motifs

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PSHE	Family and relationships	Health and wellbeing	Safety and the changing body	Citizenship	Economic wellbeing	
Anti-bullying	Anti-bullying: <ul style="list-style-type: none"> Recognise that bullying and aggressive behaviour can be online as well as occurring in physical life. Explain what to do if they witness discrimination/bullying/hurtful behaviour/name calling or if someone feels they are being bullied. 					
French	French greetings French adjectives French games	French games French transport Numbers	In a French classroom	A circle of life in French	Clothes- getting dressed in France	French food
PE	Football Netball	Dance Gymnastics	OAA Tag-rugby	Cricket	Tennis	Athletics