



CURRICULUM OVERVIEW – YEAR 5 - 2025 TO 2026

Year 5	Autumn		Spring		Summer	
	Awesome Earth		Meet the Greeks		Let it Flow	
	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
English	Spelling Shed will be used to teach spellings patterns and rules In English, we will focus on: - Can I Build Another Me? By Shinsuke Yoshitake - Description/Non-Chronological Report - The Lost Thing by Shaun Tan – Diary entry, description, non-chronological report - Greta and the Giants by Zoe Tucker – Biography. - Climate Action by Georgina Stevens – Poetry - Malamander by Thomas Taylor – Description, newspaper report, persuasive advert/blog post - The Tin Forest by Helen Ward – Description (character and setting) - Survivors volcano story by David Long – non –chronological report (Survival guide)		Spelling Shed will be used to teach spellings patterns and rules In English, we will focus on: - Hidden Figures by Margot Lee Shetterly – description (character map). Persuasive letter, opinion piece - Curiosity: The Story of a Mars Rover by Markus Motum – persuasive proposal, news report - Mythologica: An encyclopaedia of gods, monsters and mortals from ancient Greek by Victoria Topping – Information texts, non-chronological reports - Hercules Myth – Writing their own version of a Greek myth using a newly-created mythological monster		Spelling Shed will be used to teach spellings patterns and rules In English, we will focus on: - Kensuke’s Kingdom by Michael Morpurgo – balanced argument, alternative perspective writing, opinion piece - Flood by Alvaro Villa – diary entry - Floodland by Marcus Sedgwick – letter, setting description, book review	
Mathematics	In Maths, we will focus on: - Place Value including reading, writing, ordering and comparing numbers to 1 000 000. Reading Roman numerals to 1000. Rounding numbers up to the nearest 100 000. - Addition and Subtraction of more than four digits including formal written methods. Solve multi-step problems in context. - Multiplication and Division including multiples, factors, prime numbers, square numbers and cube numbers. - Fractions: Recognise mixed numbers and improper fractions and be able to convert between them. - Measurement: Measure and calculate the perimeter and area of composite shapes - Statistics: Completing, reading and interpreting data in tables and timetables.		In Maths, we will focus on: - Multiplication and Division: Multiply up to 4 numbers by one or two digits and divide by one digit using formal written methods. Solve problems using knowledge of factors, multiples, squares and cubes. - Fractions: Compare, order, add and subtract fractions with the same denominator. Multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams. Calculate fraction of amounts - Decimals and Percentages: Read and write decimals as fractions up to thousandths. - Geometry: Identify, describe and represent the position of a shape following a reflection or translation. - Negative Numbers		In Maths, we will focus on: - Decimals and Percentages: Round, order and compare decimals. Introduce percentages (%) and know some fraction and decimal equivalents. - Geometry: Distinguish between regular and irregular polygons and find missing lengths and angles. - Decimals: Add and subtract decimals using formal written methods. Solve problems involving numbers up to 3 decimal places involving measures and money. - Measurement: Solve problems involving converting between units of time. - Measurement: Estimate volume and capacity using cubes.	
Science	Forces. Children will look at the forces of gravity, air resistance, water resistance and friction. They will explore how different mechanisms—pulleys, gears and levers—affect movement.		Properties and Changes of Materials. Children will explore, compare and group everyday materials based on their properties. They will explore reversible changes, including evaporating, filtering, sieving, melting and dissolving, and recognise that melting and dissolving are different processes. They will also explore changes that are difficult to reverse, such as burning, rusting and other reactions.		Earth and Space. Children will find out about the Sun, Moon and Earth and develop an understanding of day and night and the moon’s phases.	
			Living things and their habitats. Children will observe and describe the life cycles of a variety of living things. They will find out the processes of reproduction in plants and animals.		Animals, including humans. Children will describe the changes in humans as they progress to old age.	



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History			Meet the Greeks. Children will take a trip back to one of the most fascinating civilisations in history as they discover Ancient Greece. Children will be taken on a voyage of discovery to explore how much of this civilisation is still evident in our society today. They will discover the people, the inventions, the art, the technology, the mythology and much more. Children will need to use their research skills to investigate what life was like on a daily basis for the Ancient Greeks. They will research areas such as food, clothing, education and will compare life in differing city states. They will know that the Greeks existed in a democracy and what this looked like. The children will study in detail the origin of the Olympic Games and how it compares to the Olympics of today.		Let it Flow. Children will understand how the River Thames has changed over time and be able to explain some of the reasons for this.	
Geography	Awesome Earth. The children will learn about the power of nature. They will learn about how volcanoes and earthquakes are associated with the moving tectonic plates. They will use maps to locate the parts of the world which form the 'ring of fire' and compare this to a map of tectonic plates. They will investigate the ways in which natural disasters have destroyed environments and impacted on communities. Children will be able to explain the features of volcanoes and describe the process of eruption in detail. They will understand that earthquakes are caused by movement in tectonic plates and will describe the impact and devastation caused to human settlements as a result of an earthquake. The children will go on to look at how human activity can impact on the world we live in. They will look at a range of environmental issues and, through human geography, will look at the impact these disasters have on the people living in the areas, the emergency aid provision and how people survive when natural disasters strike.		Meet the Greeks. Children will extend their knowledge of Europe by studying the country of Greece. They will know the key physical and human characteristics, countries, and major cities in both ancient and modern Greece.		Let it Flow. Children will confidently describe and explain the water cycle. They will be able to locate the major rivers of each country of the UK on a map of Britain and understand how a river is formed. The children will understand the main types of settlement and land use near to rivers, economic activity including trade links and other ways in which a river is useful for others though a detailed study of the River Thames. Children will also develop their knowledge and understanding of fieldwork by visiting a local river and using fieldwork to observe, measure, record and present the human and physical features in the local area using a range of methods, including sketch maps, plans and graphs, and digital technologies. Children will also be looking at environmental issues linked to water such as pollution and their impact on the wildlife and the planet.	
Art & Design	Working with colour. Children will explore the artwork of Stephanie Peters and investigate how she creates different effects. They will mix and match colours to create atmosphere and light effects and experiment with applying acrylic paints using various tools and textures. They will also study <i>The Great Wave</i> by Hokusai and recreate it using acrylics.		Sculpture. Children will study the work of Alberto Giacometti and his sculptures of the human figure. They will manipulate materials to create 3D forms of Olympic-inspired poses and use covering materials like Modroc with smoothing techniques for a finished effect. They will add final touches using paint and glazing and continue		Collage. Children will study the work of Eileen Downes and experiment with a range of media and techniques. They will layer and overlap materials to create colours, textures and effects and use found materials to convey mood, feeling and movement. They will embellish their pieces using drawing, oil pastels, painting and printing.	



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				developing their sketching skills.		
Design Technology		Mechanical Systems: Gears and Pulleys. Children will explore how gears and pulleys work and why they are used in everyday machines. They will design and make their own system, carry out research, and compare existing products. They will evaluate their final product, giving and responding to feedback to make improvements.	Mechanical Systems: Making a Slingshot Car. Children will produce a functioning car chassis and design a shape to reduce air resistance. They will assemble panels, construct the car body, and conduct trials. They will draw conclusions and suggest improvements.		Structure: Bridges. Children will identify strong and weak shapes and understand how supporting shapes increase bridge strength. They will explore beam, arch, and truss bridges and construct a simple truss bridge. They will evaluate its accuracy and reinforce areas needing improvement.	
Year 5 Cooking and Nutrition (linking to seasonality) will take place throughout the year with Mrs. Siggers.						
Computing	Computer Systems and Networks – Sharing Information. Children will develop their understanding of computer systems and how information is transferred between systems and devices. They will explore small- and large-scale systems, explaining the input, output, and process aspects of real-world systems. They will learn how information is found on the World Wide Web, how search engines work, and how to compare different search engines.	Creating Media – Video Editing. Children will learn to create short videos in pairs or groups. They will develop skills in capturing, editing, and manipulating video, taking their ideas from conception to completion. They will reflect on and assess their progress at the end of the unit.	Data and Information – Flat-file Databases. Children will learn how flat-file databases can be used to organise data in records. They will order data, create graphs and charts, and use a real-life database to answer questions and present their findings.	Creating Media – Vector Drawing. Children will start to create vector drawings using different drawing tools. They will recognise that images are made of shapes and lines, layer and group objects, and use duplication to create more complex pieces of work.	Programming A – Selection in Physical Computing. Children will explore selection in programming using the Crumble microcontroller. They will connect and program components such as LEDs and motors, use conditions to control program flow, and apply their knowledge of repetition. They will design and make a working fairground carousel to demonstrate how selection controls the operation of their model.	
PE	Netball. Children will develop defending and attacking skills in 5-a-side netball. They will learn to use a variety of passes to maintain possession and attack towards a goal. They will also develop an understanding of fair play and honesty while self-managing games.	Dance. Children will learn different styles of dance individually, in pairs, and in small groups. They will explore how to use movement to communicate ideas, issues, and their own thoughts and feelings. They will develop performance skills and the ability to provide feedback to peers.	Swimming. Children will learn specific strokes on their front and back and practise travelling, floating, and submerging with increasing confidence. They will develop personal survival skills and improve overall swimming technique.	Dodgeball. Children will practise key skills such as throwing, dodging, and catching. They will apply tactics to outwit opponents, develop teamwork, and take on officiating roles while evaluating their own and others' performances.	Volleyball. Children will learn the ready position, ball control, and sending a ball over a net. They will develop strategic skills, coping strategies in competitive situations, and take opportunities to referee games. Outdoor Adventurous Activities	Cricket. Children will develop striking, fielding, and overall cricket skills. They will learn the different roles of bowler, wicket keeper, fielder, and batter, and understand how to work effectively as a team. Outdoor Adventurous Activities



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Music	Rock and Roll – Children explore rock and roll through singing, instruments, composition, improvisation and listening, learning about band roles and consolidating rhythm and pitch notation.		Planets – Inspired by Mars, Venus and Mercury, children compose music considering mood and motif, appraise music by Holst, Williams and Oldfield, and learn chords, triads and tonality.		Vikings – Children explore pulse, rhythm and notation, composing from rhythm grids and singing in two, three and four-part rounds.	
PSHE	Being Me in My World. Children will compare their lives with those of others and explain why they have rights, responsibilities and rules. They will explain how the actions of one person can affect another person.	Celebrating Difference. Children will explain the differences between direct and indirect types of bullying. They will explain why racism and other forms of discrimination are unkind.	Dreams and Goals. Children will compare and reflect on their hopes and dreams with those of young people from different cultures.	Healthy Me. Children will explore the different roles that food and substances can play in people's lives. They will explain how people can develop eating problems relating to body image pressures and understand why smoking and alcohol misuse is unhealthy.	Relationships. Children will compare different types of friendships. They will explain how to stay safe when using technology to communicate, including how to stand up for themselves, negotiate, and resist peer pressure.	Changing Me. Children will discuss changes during puberty, including how to look after themselves physically and emotionally. They will express their feelings about changes and understand that people develop at different times.
RE	Unit 31 What does it mean if Christians believe God is loving and holy? (God)	Unit 32 What does it mean to be a Muslim in Britain today? (Islam)	Unit 33 Why is the Torah so important for Jewish people? (Judaism)	Unit 34 Creation and science; conflicting or complementary? (Creation/Fall)	Unit 35 How can following God bring freedom and justice? (People of God)	Unit 36 What matters most to Humanists and Christians? (thematic)
MFL	Recap learning from Year 4 linking from the topic 'Presenting myself'	What is the Date? Children will reinforce their knowledge of the months of the year. They will learn to say the date and ask and say when someone has a birthday.	Recap- Phonics and Pronunciation	Clothes. Children will learn the vocabulary for a variety of clothes, using the correct gender and articles. They will use the verb <i>porter</i> (to wear) and describe clothes by colour, including what people might wear for different weather or situations.	Recap topic covered so far	What is the Weather? Children will repeat and recognise the vocabulary for different types of weather. They will learn to ask and say what the weather is like today.