



CURRICULUM OVERVIEW – YEAR 5

Year 5	Autumn		Spring		Summer	
	Meet the Greeks		Awesome Earth		Let it Flow	
	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
English	In writing, we will focus on the following key texts and writing outcomes: - Hidden Figures – Non-chronological report about the women from ‘Hidden Figures’ - Robot Girl – Science Fiction narrative - The man who walked between the towers – Biography of Philippe Petit - The Tempest – Desert island playscript Each text will also provide opportunities for children to write across a range of fiction and non-fiction genres. Grammar and punctuation will be taught within this context, enabling pupils to apply their skills in meaningful and purposeful writing. In reading, we will explore a range of high-quality texts to develop children’s enjoyment and understanding of literature. Pupils will strengthen their comprehension skills in vocabulary, inference, prediction, explanation, retrieval and summarising, through approaches such as VIPERS. Spelling Shed will be used to teach spellings patterns and rules RWI Handwriting will be used to support the development of a joined, legible and fluent handwriting style.		In writing, we will focus on the following key texts and writing outcomes: - The Lost Thing – Own version fantasy narrative based on original story - The Lizzie and Belle Mysteries – Biography of Ignatius Sancho - Firebird – Alternative fairy tale narrative - Cave Explorer – A visitor’s leaflet about the Lascaux Caves Each text will also provide opportunities for children to write across a range of fiction, poetry and non-fiction genres. Grammar and punctuation will be taught within this context, enabling pupils to apply their skills in meaningful and purposeful writing. In reading, we will explore a range of high-quality texts to develop children’s enjoyment and understanding of literature. Pupils will strengthen their comprehension skills in vocabulary, inference, prediction, explanation, retrieval and summarising, through approaches such as VIPERS. Spelling Shed will be used to teach spellings patterns and rules RWI Handwriting will be used to support the development of a joined, legible and fluent handwriting style.		In writing, we will focus on the following key texts and writing outcomes: - Kasper, Prince of cats – Newspaper report about the sinking of Titanic - Flooded – Non-chronological report - The Whale – Film pitch for The Whale - The lost happy endings – Prequel from an alternative perspective Each text will also provide opportunities for children to write across a range of fiction, poetry and non-fiction genres. Grammar and punctuation will be taught within this context, enabling pupils to apply their skills in meaningful and purposeful writing. In reading, we will explore a range of high-quality texts to develop children’s enjoyment and understanding of literature. Pupils will strengthen their comprehension skills in vocabulary, inference, prediction, explanation, retrieval and summarising, through approaches such as VIPERS. Spelling Shed will be used to teach spellings patterns and rules RWI Handwriting will be used to support the development of a joined, legible and fluent handwriting style.	
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	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.		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		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.	
			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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		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.				
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	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.		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.		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	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		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		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	



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	materials like Modroc with smoothing techniques for a finished effect. They will add final touches using paint and glazing and continue developing their sketching skills.		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.			found materials to convey mood, feeling and movement. They will embellish their pieces using drawing, oil pastels, painting and printing.
Design Technology		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.		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.	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 the school cook.					
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 – 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.	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.	
Online Safety	My Media Choices	Be a Super Digital Citizen	Keeping Games Fun and Friendly	Reading News Online	Private and Personal Information	Beyond Gender Stereotypes
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	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,	Swimming. Children will learn specific strokes on their front and back and practise travelling, floating, and submerging with increasing confidence. They will develop	Dodgeball. Children will practise key skills such as throwing, dodging, and catching. They will apply tactics to outwit opponents, develop teamwork, and take	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	Cricket. Children will develop striking, fielding, and overall cricket skills. They will learn the different roles of bowler, wicket keeper, fielder, and



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	will also develop an understanding of fair play and honesty while self-managing games.	and their own thoughts and feelings. They will develop performance skills and the ability to provide feedback to peers.	personal survival skills and improve overall swimming technique.	on officiating roles while evaluating their own and others' performances.	situations, and take opportunities to referee games. Outdoor Adventurous Activities	batter, and understand how to work effectively as a team. Outdoor Adventurous Activities
Music	Evolution of Music This unit is an exploration of how music has changed and evolved throughout time looking at several classical and contemporary composers and musicians. Christmas Service Songs		Ocarinas Children are introduced to the ocarina and learn how to produce clear notes using correct finger positioning and breath control. They play simple tunes from notation, develop an understanding of pitch and melody, and perform confidently with others. Easter Service Songs		Music at the Movies In this exciting unit children will be creating a soundtrack for a piece of film and exploring how music can be used to enhance the narrative, with an introduction to movies and their soundtracks.	
	TEAM. This unit builds on the importance of belonging and feeling secure in our various teams and communities by considering the positive qualities of a team. We will explore how to disagree respectfully and how to communicate effectively as well as how to collaborate and compromise. This unit also reflects on how we can manage and deal with bullying and unkind behaviour.	One World. This unit is inspired by the concept of global citizenship and supports children to grow as active, responsible citizens, considering our wonderful world and how we can positively affect it by the choices we make. We will learn about: sustainability, biodiversity, global warming and natural resources. All this learning will hold central the consideration of what we can do to make the world a better place.	Aiming High. In the context of achievements, aspirations and opportunities, children will have the chance to explore their own preferred learning style and consider what helps them to succeed. We will consider obstacles and barriers people face when learning and how we can work to overcome these. We will discuss what opportunities children have now and what opportunities they will have in the future and will also consider the damaging effects of stereotypes in the world of work.	Think Positive. This unit aims to further develop children's confidence in discussing their thoughts, feelings and behaviours. Using distancing techniques, we will promote discussion of scenarios and consider how people's thoughts may affect how they feel and behave. We will explore strategies that can help us to manage uncomfortable feelings and help us to build positive thinking and resilience.	Be Yourself. This unit continues to celebrate children's individuality and promotes the idea that we are all unique. We will look at how making positive choices can help us to do the right thing and how we can manage uncomfortable feelings and peer pressure.	Growing Up. This topic builds on children's knowledge of how we grow and change, both physically and emotionally. It explores the different types of relationships that people have, discusses sexual relationships and sexually transmitted diseases, as well as the journey from conception to birth in human reproduction. We will also explore what it means to have a positive body image.
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.



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