



Year 5 Curriculum Plan

	Autumn		Spring		Summer	
Enrichment Curriculum	Ancient Egyptians (History) - An in depth study of the Ancient Egyptian civilization - Gain an overview of where and when the first civilizations appear		Lost! Modern and historical explorers (History with Geography skills) - Identify the position and significance of latitude, longitude, equator, Northern Hemisphere and Southern Hemisphere by tracking the routes taken a variety of explorers - Use maps, atlases, globes and digital/computer mapping to locate countries and describe the features studied - Investigate explorers who discovered non-European societies and compare and contrast those societies with British history		Water (Geography) - Describe and understand key aspects of climate zones, biomes and vegetation belts, rivers, mountains, volcanoes and earthquakes, and the water cycle - Describe and understand key aspects the distribution of natural resources including such as water	
English	- Classic Fiction	- Recounts	- Genre Fiction (Suspense and Mystery)	- Argument and Debate	- Classic Novels	- Non-chronological Reports
	- Biographies & Autobiographies	- Slam Poetry	- Drama	- Classic narrative/oral poetry	- Genre Fiction – Science Fiction	- Poetry that tells a story
	- Instructions and Explanations	- Classic Poetry	- Reports and Journalistic Writing	- Poetic Style	- Persuasive Writing	- Power of Imagery
	Ongoing: Reading - word level comprehension; Writing - transcription, joined handwriting, composition, vocabulary, grammar and punctuation; Spoken Language					
Mathematics	- Place Value in whole numbers, decimals	- Factors, multiples, primes and squares	- Multiplication tables	- Mental calculations	Revision	Revision
	- Written & mental addition and subtraction	- Greater/Less than	- Factors/Multiples	- Multiplication tables	- Number and place value	- Time and Data
	- Written multiplication and division	- Extended written methods for multiplication and division	- Units of measure	- Fractions and conversions	- Angles and Polygons	- Interpreting data
	- 2D shapes	- Percentages/ fractions	- Decimal division	- Percentages of amounts	- Calculations	- Shape and Space
	- Symmetry	- Perimeter and area of 2D shape	- Proper/improper fractions	- Compound shapes	- Multi-step problem solving for all operations	- Coordinates
			- Fractions, decimals, percentages	- Missing angles	- Extended written methods for all operations, including decimals	- Missing angles
			- 24 hr clock	- Algebra		- Algebra
			- Translation			- Measures and reading scales
			- Circles			- Conversion of units of measure



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	-Reading graphs, collecting data and completing simple line and bar graphs	-Properties of 3D shape -Time -Angles -Venn diagrams, timetables, pie charts	-Co-ordinates			
Ongoing: Number and Place Value, Problem Solving Skills						
Science	Properties and Changes of Materials - Compare and sort materials by properties; -Name, understand and evaluate different properties; -Recognise some materials will dissolve and to suggest methods for doing so; -Plan and carry out experiments to dissolve and separate materials.	Properties and Changes of Materials -Demonstrate that dissolving, mixing and changes of state are reversible changes; -Explain that some changes result in the formation of new materials; - Suggest suitable uses for materials according to their properties.	Forces and Magnets -Explain falling in terms of gravity; -Identify effects of air/water resistance, levers, pulleys and gears; -Recognise the effect of mechanisms on small forces.	Earth and Space -Describe the movement of the Earth and other planets relative to the Sun; -Describe movement of the Moon relative to Earth; -Use rotation to explain day/night and apparent movement of sun across the sky.	Living Things and their Habitats -Describe differences in life cycles within different species; -Understand the process of reproduction in some plants and animals; -Describe the classification of living things into groups; -Suggest reasons for classification based on characteristics.	Animals including Humans -Describe the changes as humans develop; -Identify and name main parts of human circulatory system; -Recognise the impact of diet, exercise, drugs and lifestyle; -Describe the ways in which nutrients and water are transported.
	Ongoing: Investigation Skills – planning investigations, taking measurements, recording data, using test results to predict and make further investigations.					
Computing	Sounds E-Safety Know resources which can be downloaded and used Programming Use variables to count in Scratch Count in Roman Numerals Control Lego 'WeDo' robots Technology in our Lives		Shape and Weather E-Safety What is posted online can be seen and affect others Important to communicate kindly and respectfully Explain importance of reporting to an adult Programming		Find out and Share E-Safety Protect personal information Report concerns and protecting friends Spending too much time online Programming Pong game in Scratch using variables Adapt to create own game Technology in our Lives	



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	<p>Search for sound effects How is information sorted and stored? Handling Data Data loggers used to investigate sound levels Multimedia Creating a story using sound effects</p>	<p>Algorithms and programs to create shapes and patterns using repeat procedures Floor robots to achieve goals efficiently Multimedia Film and edit a weather report Handling Data Recording weather on a spreadsheet</p>	<p>Recognise www and Internet Using search engines and evaluating Information Multimedia Presentation or quiz based on enrichment theme</p>	
	<p>Ongoing: E-Safety – password protection; consequences of sharing information online; protecting ourselves online and reporting concerns to an adult; consequences of spending too much time on a game or online; respectful communication; protecting our computers from harm</p>			
Art and Design	<p>Book of the Dead - Create scrolls - Study ancient Egyptian artwork and hieroglyphs</p>	<p>Landscapes - Create landscape pictures using different media</p>	<p>Water Colours - Learn to use a variety of techniques and work with different media</p>	
Design and Technology	<p>Levers and Pulleys - How did the ancient Egyptians transport water? - Build lever and pulley models - How did the ancient Egyptians build the pyramids</p>	<p>Wheels and Axels - Design and build a model buggy</p>	<p>Hydro Power and Turbines - Investigation of the use of hydro power and turbines as a clean source of energy</p>	<p>Boat Making - Streamlining and flotation</p>
Music	<p>Music from around the World - Know how time and place influence the way music is created, performed and heard. - Listen to range of live and recorded music from different times and cultures - Improvise and compose music for a range of purposes using the inter-related dimensions of music - Appreciate and understand a wide range of high-quality live and recorded music drawn from different traditions and from great composers and musicians - Develop an understanding of the history of music.</p>	<p>Lyrics and Melody & Patterns and Rhythm - Improvise and compose music for a range of purposes using the inter-related dimensions of music - Listen with attention to detail and recall sounds with increasing aural memory - Use and understand staff and other musical notations - Develop an understanding of musical composition, organising and manipulating ideas within musical structures and reproducing sounds from aural memory</p>	<p>Singing and Performance - Play and perform in solo and ensemble contexts, using their voices and playing musical instruments with increasing accuracy, fluency, control and expression - Appreciate and understand a wide range of high-quality live and recorded music drawn from different traditions and from great composers and musicians - Listen with attention to detail and recall sounds with increasing aural memory</p>	



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<p>Physical Education</p>	<p>Rugby</p> <ul style="list-style-type: none"> - Developing passing backwards - Supporting the ball carrier - Understanding and applying the basic rules of the game <p>Football</p> <ul style="list-style-type: none"> - Developing positional play - Striking and setting up a goal - Understanding and applying the rules of the game 	<p>OA – Cyclo cross</p> <p>Developing endurance for off road racing</p> <p>Specific CX skills:</p> <ul style="list-style-type: none"> - Mounting and dismounting on the move, cornering, running corner, ascending and descending. <p>Hockey</p> <ul style="list-style-type: none"> - Controlling the ball on the ground - Passing on the open and reverse stick side. <p>Block tackling</p>	<p>Gymnastics</p> <ul style="list-style-type: none"> - Principles of balance through counter balance / counter tension and bearing a partners weight. <p>Combining movement motifs to create a coherent sequence.</p> <p>Dance</p> <ul style="list-style-type: none"> - Using choreographic principles to add variety to movement motifs. Extend performances. Learn rolling on the floor and assisted lifts. 	<p>Cricket</p> <p>To understand and apply the rules of the game.</p> <p>Develop bowling techniques.</p> <p>Athletics</p> <ul style="list-style-type: none"> - Discus, javelin and shot - High jump – scissors and low flop. - Relay changeover 	<p>Swimming</p> <ul style="list-style-type: none"> - Refining four basic strokes including butterfly - Bilateral breathing - Extending distance – 25m+ <p>Triathlon</p> <ul style="list-style-type: none"> - Introduce the event and the disciplines - Transitions - Cycling - endurance and pacing - Running – pacing and running after the bike - Opportunities in triathlon Competition. 	<p>Track cycling</p> <ul style="list-style-type: none"> - Riding on a wheel - Strings – moving strings - Group riding skills. - Starting - Sprinting out of the saddle - Events – Kieron / Unknown distance / scratch/ TT / Devil
<p>PSHE</p>	<p>New Beginnings</p> <ul style="list-style-type: none"> - Develop children’s knowledge, understanding and skills in four key social and emotional aspects of learning: empathy, self-awareness, social skills and motivation. 	<p>Say No to Bullying</p> <ul style="list-style-type: none"> - Focus on bullying – what it is; how it feels; why people bully; how we can prevent and respond to it; and how children can use their social, emotional and behavioural skills to tackle this crucial problem. 	<p>Going for Goals</p> <ul style="list-style-type: none"> - Focus primarily on the key aspect of motivation, with a subsidiary focus on self-awareness. - Provide important opportunities for all children’s abilities, qualities and strengths to be valued. 	<p>Relationships</p> <ul style="list-style-type: none"> - Explore feelings within the context of our important relationships including family and friends. - Develop knowledge, understanding and skills in three key social and emotional aspects of learning: self-awareness, 	<p>Healthier and Safer Lifestyles</p> <ul style="list-style-type: none"> - Focus on different ways to stay healthy and safe. <p>World of Drugs</p> <ul style="list-style-type: none"> - Explore drug awareness. 	<p>Changes</p> <ul style="list-style-type: none"> - Tackle the issue of change and aims to equip children with an understanding of different types of change, positive and negative, and common human responses to it.



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				managing feelings and empathy.		
Religious Education	Is religion what you say or what you do? (Christianity)	What is the significance of Diwali and how is it celebrated? (Hinduism)	Worship and community. Why is it important? (Multi-faith)	Jesus: Who do people say that I am? (Easter) (Christianity)	How do Hindu's express their beliefs through practice? (Hinduism)	What key beliefs influence people's faith and how do people of faith live out their lives? (Multi-faith)
Spanish	Number - Five times table - Reading telling the time - When mealtimes are in Spain compared with England.	Revision and extension of food and drink - Vocabulary - Give opinions of different food/drink - Complete food diary in Spanish	Likes and dislikes - Asking and offering opinion on a range of topics - Dictionary use	Sports - Learn a range of sports and corresponding vocabulary - Express opinions - Extend use of 'hay', 'tiene', 'es'	Music - Learn a range of different instruments - Give opinions on different musical styles - Dictionary use	Use 'porque' to give reasons for their opinions - Adjectival agreement - Create a rap/song about food/sports/music