



## St Mary's Catholic Primary School Year 5 Curriculum

<b>Religious Education</b>	In RE we follow the scheme of work The Way, The Truth and The Life as directed by the Diocese of Shrewsbury. Each half term we look at different themes to guide our learning.					
	<b>Creation</b> This half term, children learn about the story of creation and are encouraged to think carefully about the meaning of 'the fall'. Following this they consider stewardship and their roles as stewards of God's creation.	<b>God's Covenants</b> In this topic, the children will be introduced to the Ten Commandments. They will learn that God gave the Ten Commandments to Moses as a gift to help us to live as God wants. In the latter part of the topic the children will learn how God sent Jesus, his only Son, to help us live the commandments.	<b>Inspirational People</b> In this unit, children consider what it means to be a follower of Jesus Christ. They hear about the stories of some of his followers and consider the meaning of being a true disciple.	<b>Reconciliation</b> This half term, children consider what is right and wrong. They look at forgiveness and the sacrament of reconciliation and how it links to the reaching of Jesus.	<b>Life in the Risen Jesus</b> Following the celebration of Easter, children learn about Jesus rising from the dead and the different ways he is present in our lives.	<b>Other Faiths.</b> During this topic, children will learn about the similarities and differences between Christianity and other world religions. They will learn about how other faiths worship and study some of their celebrations
<b>English</b>	At St Mary's we follow our own bespoke genre led scheme for the teaching of writing. Each half term we study a range of genres each culminating in a final piece of extended writing.					
	<b>Narrative with a focus on settings</b> This unit links to learning in Geography by studying on the book 'The Kapok tree' and writing a narrative set in the rainforest.	<b>Traditional stories – myths and legends</b> During this topic, children will study a traditional narrative forma different culture. They will look at the story of Beowulf in detail then writing their own version of a legend.	<b>Suspense and mystery</b> In this unit, children look at a range of mystery stories and then write their own based on a mystery within Mayan ruins.	<b>Fiction from our literary heritage</b> In this topic, children explore Shakespeare. Culminating with them writing a narrative with a historical context.	<b>Traditional tales – legends</b> During this unit, children will look at a number of Greek myths and then write their own narrative in this style at the end of the unit.	<b>Explanations</b> In this unit, children will look at a number of explanations and then write an explanation of a process.
	<b>Discussion</b> Using their learning in Geography further, in this unit children are asked to write a balanced argument on the topic of deforestation.	<b>Explanations</b> Linking to the learning in History, the children will write an explanation about the life of an Anglo Saxon child.	<b>Non-chronological reports</b> Applying their learning in History, children will write a non-chronological report based on Maya.	<b>Persuasion</b> Drawing on information learnt in their Geography lessons, children will write persuasive argument convincing people to buy local produce and support farmers.	<b>Narrative recounts</b> Linked to a real life experience, children will write a narrative recount documenting their experience.	
	To ensure each child in our school makes progress in reading we use a carousel system in Guided Reading where the children are read a challenging book with their teacher, answer questions on the text, access other texts and apply comprehension skills to other activities.					
	In spelling we follow the Read, Write inc. spelling scheme which helps children to build on their previous phonics learning with enjoyable videos and short application activities.					
<b>Maths</b>	To guide our Maths teaching we use a cyclical programme which allows the children to meet the topics outlined in the National Curriculum throughout the year, building on previous skills learnt as they progress. Listed below are the areas children study each half term					
	Read, write, order and compare numbers to at least 1 000 000 and determine the value of	Identify multiples and factors, including finding all factor pairs of a number,	Interpret negative numbers in a context. Calculate the difference	Identify multiples and factors, including finding all factor pairs of a number,	Recognise mixed numbers and improper fractions and convert	Read, write, order and compare numbers to at least 1 000 000 and

	<p>each digit. Count forwards or backwards in steps of powers of 10 for any given number up to 1000000. Round any number up to 1 000 000 to the nearest 10, 100, 1000, 10 000 and 100 000. Recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents. Identify the value of each digit to three decimal places. Read, write, order and compare numbers with up to three decimal places. Count forwards and backwards in decimal steps. Round decimals with two decimal places to the nearest whole number. Multiply and divide whole numbers and those involving decimals by 10, 100 and 1000. Add and subtract whole numbers with more than 4 digits and decimals with two decimal places. Solve addition and subtraction multi-step problems in contexts. To draw and measure angles. Measure and calculate the perimeter of composite rectilinear shapes in centimetres and metres. Solve comparison, sum and difference problems using information presented in a line graph.</p>	<p>and common factors of two numbers. Identify prime numbers. To square numbers. Divide numbers up to 4 digits by a one-digit number using the formal written method of short division. Read and write decimal numbers as fractions. To compare fractions. Multiply numbers up to 4 digits by a one- or two-digit number using a formal written method. Compare the area of rectangles. Continue to read, write and convert time between analogue and digital 12 and 24-hour clocks. Complete, read and interpret information in tables, including timetables. Solve problems involving converting between units of time.</p>	<p>in temperatures. Read Roman numerals to 1000 (M) and recognise years written in Roman numerals. Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why. Use all four operations to solve problems involving measure. Identify multiples and factors, including finding all factor pairs of a number, and common factors of two numbers. Solve problems involving multiplication including using their knowledge of factors and multiples, cubes and squares. Solve problems involving multiplication. Use, read and write standard units of length and mass. Multiply and divide numbers and those involving decimals by 10, 100 and 1000. Convert between different units of metric measure. Describe positions on the first quadrant of a coordinate grid. Plot specified points and complete shapes. Identify, describe and represent the position of a shape following a reflection or translation, using the appropriate language, and know that the shape has not</p>	<p>and common factors of two numbers. Divide numbers mentally. Divide numbers up to 4 digits by a one-digit number using the formal written. Distinguish between regular and irregular polygons based on reasoning about equal sides and angles. Use the properties of rectangles to deduce related facts and missing lengths and angles. Identify 3-D shapes, including cubes and other cuboids, from 2-D representations. Recognise mixed number and improper fractions and convert from one form to the other. Add and subtract fractions with the same denominator and denominators that are multiples of the same number. Estimate the area of irregular shapes. Calculate the volume of cuboids. Calculate and interpret the mode, median and range.</p>	<p>from one form to another. Compare and order fractions whose denominators are all multiples of the same number. Multiply proper fractions and mixed numbers by whole numbers. Complete, read and interpret information in tables, including timetables. Understand and use approximate equivalences between metric and common imperial units such as pints. Describe positions on the first quadrant of a coordinate grid. Plot specified points and complete shapes. Identify, describe and represent the position of a shape following a reflection or translation. Solve addition and subtraction multi-step problems in contexts. Divide numbers up to 4 digits by a one-digit number using the formal written. Solve problems involving multiplication and division, including scaling by simple fractions and problems involving simple rates.</p>	<p>determine the value of each digit. Count forwards or backwards in steps of powers of 10 for any given number up to 1 000 000. Add and subtract whole numbers with more than 4 digits and decimals with two decimal places. Multiply numbers up to 4 digits by a one- or two-digit number using a formal written method. Divide numbers up to 4 digits by a one- or two-digit number using the formal written method. Round decimals with two decimal places to the nearest whole number and to one decimal place. Solve problems involving number up to three decimal places. Solve problems which require knowing percentage and decimal equivalents. Solve problems involving converting between units of time. Use all four operations to solve problems involving measure. Calculate and compare the area of rectangles. Calculate the volume of cuboids.</p>
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			<p>changed.          Know angles are measured in degrees: estimate and compare acute, obtuse and reflex angles.          Draw given angles, and measure them in degrees.          Identify angles at a point and one whole turn.</p>			
<b>Science</b>	<p><b>Forces</b>          During this unit, children will learn about and carry out investigations around gravity, air resistance, up thrust and water resistance.</p>	<p><b>Properties of Materials</b>          In this topic, children investigate thermal and electrical conductors, soluble materials and reversible and irreversible changes.</p>	<p><b>Earth and Space</b>          Following their work on forces, the next topic the children study is based on space. Children learn about the organisation of the planets and their movements. They consider different theories about the structure of planets and learn about how night and day are produced</p>	<p><b>Living things</b>          In this unit, children learn about the parts of a flower and asexual reproduction in plants</p>	<p><b>Life Cycles</b>          This half term, children learn about the life cycle of a human and the changes which occurs at different stages of life.</p>	
<b>History</b>	<p><b>What impact did the Anglo Saxons have? **</b>          During this topic, children research what life was like in the time of the Anglo Saxons. They look at Anglo Saxon settlements, jobs and social structures. They will also explore the struggle for the Kingdom of England to the time of Edward the Confessor.</p>		<p><b>Why should we remember Maya?</b>          In this unit, children learn about the civilization of the Mayans. They learn about where and how they lived, their religion and the building they made.</p>	<p><b>Why should we thank the Ancient Greeks? **</b>          This half term children study Ancient Greece. They will learn about how Ancient Greece overcame its poor Geography to become important and what features were central to their democracy.</p>		
<b>Geography</b>	<p><b>What is it like in the Amazon?</b>          This half term, children learn about the rainforest. They will learn about where the Amazon is located and what life is like in the Amazon and how life is changing including how it is being damaged and how it can be protected.</p>		<p><b>Where does all of our stuff come from?</b>          During this topic, children find out about how climate impacts harvests and where food is imported from around the world. Children will learn about locally sourced produce and locally imported products.</p>	<p><b>** Local area study</b>          Children will explore the local environment and focus on Gorse Hall where they will develop their geographical skills and fieldwork including using maps, atlases, globes and compasses.</p>		
<b>Music</b>	<p>In music we use the Charanga scheme of work to guide our learning. In each topic children listen to and appraise music, find and follow the beat and create music using their voice and instruments.</p>					
	<b>Don't Stop Believin'</b>	<b>Bells ring out</b>	<b>Classroom Jazz 1</b>	<b>Benjamin Britten – A Tragic Story</b>	<b>Stop!</b>	<b>Reflect, Rewind, Replay</b>
<b>PE</b>	<p>In PE we look at a range of sports throughout the year. Children will have one PE lesson led by Commando Joe's which focuses on team building and general exercise and another lesson taught by the class teacher which focuses on sports skills.</p>					
	<b>Forest Schools</b>		<b>Dance</b>	<b>Gymnastics</b>	<b>Net/Wall games – Netball</b>	<b>Striking and fielding – cricket</b>

<b>Computing</b>	<b>QR codes</b> This half term, Children will create a treasure hunt using QR codes. Children will follow the treasure unit and find the clues using the QR code reader.	<b>Scratch</b> Using the Scratch program, pupils learn to create an online game involving a shark. Pupils can draw their own background and create their own wire shape and length and experiment with making their own version.	<b>PowerPoint</b> Children will create a PowerPoint presentation which is pleasing to read using well-chosen images, fonts and backgrounds. They will use hyperlinks to websites and information on different slides, transitions and animations.		<b>Programming using Flowol</b> Using software Flowol3 Fairground Mimic, pupils will create a program/s that control the Fairground "Big Wheel" mimic.	
<b>Art</b>	<b>Rain Forests</b> Children will develop further their ability to use light and dark Tones in their drawing	<b>George Seurat</b> Children will be taught pointillist techniques in felt tip and paint. They will develop further their ability to design and create a work of their own art in response to another artist's work.	<b>The Mayan</b> Children will use a range of materials to design and make multi-media products based on Mayan artefacts and designs.		<b>Greek Gods</b> Children will be taught to use proportion in rendering the human body and human face in pencil from direct observation.	<b>Greek Art</b> Children will use a range of materials (including paper mache) to design and make multi-media products based on Greek pottery
<b>Design and Technology</b>	<b>Grab and go</b> Children will design and make an all in one hand-held dish. Pupils will learn about nutrients water and fibre and how a healthy varied diet is needed to provide these. Children will learn about healthy eating using food preparation skills safely and hygienically.				<b>How fast should your buggy be?</b> Children will design and make a battery powered toy vehicle for themselves or younger children.	
<b>Languages (Italian)</b>	<ul style="list-style-type: none"> <li>• Multiples of 100</li> <li>• Famous Italians</li> <li>• Animals and pets</li> </ul>	<ul style="list-style-type: none"> <li>• Items and styles of clothing</li> </ul>	<ul style="list-style-type: none"> <li>• Asking for items in a shop</li> </ul>	<ul style="list-style-type: none"> <li>• Describing the weather</li> </ul>	<ul style="list-style-type: none"> <li>• Making travel arrangements</li> </ul>	<ul style="list-style-type: none"> <li>• Making accommodation arrangements</li> </ul>