

### St Mary's Catholic Primary - Year 3 Subject Map

Subject	Autumn		Spring		Summer	
<b>R.E.</b>	The Christian Family	Mary, our Mother	Called to Change	Eucharist	Celebrating Easter and Pentecost	Being a Christian
	Angry Earth	Early Britons	Cities	Inventions	Ancient Egyptians	Holidays
<b>English</b>	<p><u>Books</u> Escape from Pompeii I survived... series Variety of non-fiction texts</p> <p><u>Writing - In a variety of different genres including:</u> Settings Character descriptions Diary entries Letters in role Newspaper reports Shape Poems</p>	<p><u>Books</u> Stone Age, Bone Age Minnow and the Bear The Secrets of Stonehenge Variety of non-fiction texts</p> <p><u>Writing - In a variety of different genres including:</u> Settings Character descriptions Diary entries Letters in role Non chronological reports</p>	<p><u>Books</u> The Building of America The Tale of Two Cities Variety of non-fiction texts</p> <p><u>Writing - In a variety of different genres including:</u> Settings Character descriptions Diary entries Letters in role Non chronological reports Newspaper reports</p>	<p><u>Books</u> Wilbur and Orville Take off Hooray for Inventors Variety of non-fiction texts</p> <p><u>Writing - In a variety of different genres including:</u> Settings Character descriptions Diary entries Letters in role Non chronological reports Instructions Biographies</p>	<p><u>Books</u> The Scarab's Secret The Cat Mummy Variety of non-fiction texts including: The Search for Tutankhamun</p> <p><u>Writing - In a variety of different genres including:</u> Settings Character descriptions Diary entries Letters in role Non chronological reports Biographies</p>	<p><u>Books</u> The Mystery of the Mona Lisa Variety of non-fiction texts including recipe books</p> <p><u>Writing - In a variety of different genres including:</u> Settings Character descriptions Diary entries Letters in role Non chronological reports Newspaper reports Weather reports Postcards Instructions</p>
<b>Maths</b>	<p><b>Number</b> Count on from 0 in multiples of 4, 8, 50 and 100 Find 10 or 100 more or less than a given number Recognise place value of each digit in 3 digit number Compare and order numbers to 1000 Identify, represent and estimate numbers using different representations Read and write numbers up to 1000 Solve number problems &amp; practical problems</p> <p><b>Addition and Subtraction</b> Add and subtract numbers mentally Add and subtract numbers with up to three digits using formal written methods Use estimation and inverse operations to check answers Solve problems – missing numbers, number facts, place value.</p> <p><b>Multiplication and Division</b></p>					

	<p>Know multiplication and division facts for 3, 4 and 8 times table          Multiply two digit by one digit numbers using mental and progressing to formal written methods          Solve multiplication and division number problems          Use positive integer scaling problems  <b>Fractions &amp; decimals</b>          Use &amp; count in tenths          Recognise, find &amp; write fractions of sets of objects          Recognise and use fractions as numbers          Recognise some equivalent fractions          Add/subtract fractions up to &lt;1          Order fractions with common denominator  <b>Measurement</b>          Measure &amp; calculate with metric measures          Measure simple perimeter          Add/subtract using money in context          Use Roman numerals up to XII to tell time          Estimate and read time to nearest minute          Know number of days in each month          Calculate using simple time problems  <b>Shape</b>          Draw 2D shapes and make 3D shapes          Identify and use angles including right angles          Identify horizontal, vertical lines, parallel and perpendicular lines  <b>Statistics</b>          Interpret and present data using bar charts, pictograms and tables          Solve one step and two step questions</p>					
<b>Science</b>	<b>What Do Rocks Tell Us About The Way The Earth Was Formed?</b> <ul style="list-style-type: none"> <li>Compare and group together different kinds of rocks based on their appearance and simple physical properties.</li> <li>Describe in simple terms how fossils are formed.</li> </ul>	<b>Why are teeth important?</b> <ul style="list-style-type: none"> <li>Identify that animals including humans need the right types and amount of nutrition</li> <li>Identify the different types of teeth in humans</li> </ul> <u>Investigations</u> Which is the best drink to look after our teeth?	<b>What does a dinosaur eat?</b> <ul style="list-style-type: none"> <li>Construct and interpret food chains</li> </ul> <u>Investigations</u> Which teeth are the best for a carnivore? How did a herbivore digest its food?	<b>Are You Attractive Enough?</b> <ul style="list-style-type: none"> <li>Compare how things move on different surfaces</li> <li>Know magnets have poles</li> <li>Know magnetic forces act at distance</li> <li>Observe how magnets attract or repel</li> </ul> <u>Investigations</u>	<b>How Far Can You Throw Your Shadow?</b> <ul style="list-style-type: none"> <li>Recognise that they need light in order to see</li> <li>Notice that light is reflected from surfaces</li> <li>Recognise that light from the sun can be dangerous</li> <li>Recognise that shadows are formed when light</li> </ul>	<b>How Did That Blossom Become An Apple?</b> <ul style="list-style-type: none"> <li>Identify and describe the functions of different parts of flowering plants</li> <li>Explore the requirements of plants for life and growth</li> <li>Investigate the way in which water is</li> </ul>

	<ul style="list-style-type: none"> <li>Recognise that soils are made from rocks and organic matter.</li> </ul> <p><u>Investigations</u> Which rock is the hardest? Which rocks are the most permeable?</p>			Which objects are attracted to magnets? Which magnets are the strongest?	is blocked <u>Investigation</u> Are there patterns in the way the size of shadows change?	transported in plants <ul style="list-style-type: none"> <li>Explore the part that flowers play in the life cycle</li> </ul> <p><u>Investigation</u> What do plants need to grow?</p>
<b>Design and Technology</b>	<b>Erupting Volcanoes</b> Select from and use wider range of tools and equipment to perform practical tasks	<b>Christmas Packaging</b> Apply their understanding of how to strength, stiffen and reinforce more complex structures		<b>Create your own Game</b> Understand and use mechanical systems in their product		<b>Mediterranean Food</b> Understand and apply the principles of a healthy and varied diet to prepare dishes
	Use research & criteria to develop products which are fit for purpose Use annotated sketches and prototypes to explain ideas Select from and use wider range of tools and equipment to perform practical tasks Evaluate existing products and improve own work					
<b>Art and Design</b>		Cave Art Improve mastery of techniques such as drawing, painting and sculpture with varied materials	Drawings of Buildings / Famous Skylines Learn about great architects Improve mastery of techniques such as drawing, painting and sculpture with varied materials	William Morris Printing Learn about great artists Improve mastery of techniques such as drawing, painting and sculpture with varied materials	Journey through Egypt Improve mastery of techniques such as drawing, painting and sculpture with varied materials	Work Inspired by Mediterranean Painters Learn about great artists Improve mastery of techniques such as drawing, painting and sculpture with varied materials
	Use sketchbooks to collect, record and evaluate ideas					
<b>Computing</b>						
	Design, write and debug programs to achieve specific goals, including solving problems Use sequence, selection and repetition in programs Use logical reasoning Understand computer networks Use search technologies effectively Select use and combine a variety of software Use technology safely and appropriately					
<b>Geography</b>	<b>Angry Earth</b> Describe and understand key aspects		<b>Cities</b> Locate the world's countries using maps to			<b>Holidays</b> Identify the position and significance of the

	of physical geography including: volcanoes and earthquakes  Use maps, atlases, globes and digital mapping to locate countries affected by natural disasters		focus on Europe – naming major cities  Name and locate cities of the United Kingdom identifying human and physical characteristics  Understand how cities have changed over time			equator, Northern Hemisphere, Southern Hemisphere Understand geographical similarities and differences between a region in the UK and one in a European country
<b>History</b>		<b>Stone Age</b> Changes in Britain from the Stone Age to the Iron Age  How the Neolithic hunter-gatherers got their food  The importance and significance of Stonehenge  Where Iron Age people lived		<b>Inventions</b> Changes in leisure and entertainment in the 20 <sup>th</sup> Century  New inventions during the 20 <sup>th</sup> Century – could you cope without TV?  What leisure and entertainment was like 100 years ago	<b>Ancient Egyptians</b> The achievements of the Ancient Egyptian Civilization  Where the Ancient Egyptians lived  When the Ancient Egyptians lived  What the lives of the Ancient Egyptians were like	
<b>MFL</b>	Je parle francais		Je me presente		Ma famille	
<b>Music</b>	Songs based around crochet and minim beats. Songs based around C & G major scales. Singing a selection of pop and chart music.	Christmas songs on the guitar. Singing a selection of traditional and non-traditional Christmas songs / carols.	Continuing learning guitar music focusing on quaver rhythms.	Sing Easter songs and learn how to use scales to compose a song.	Learn songs with a combination of rhythms and focus on the use of rests.	Practicing for a final performance, showcasing our skills that we have developed in the year.
<b>P.E.</b>	<b>Invasion Games</b> <b>Football &amp; Basketball</b>	<b>Gymnastics</b> <b>Hockey</b>	<b>Dance</b> <b>Rugby</b>	<b>Tennis</b> <b>Netball</b>	<b>Athletics</b> <b>Football</b>	<b>Cricket</b> <b>Rounders</b>