




## St John's Catholic Primary School – Year 4 Long Term Curriculum Plan

	<b>Autumn 1</b>  <u>Autumn 1<sup>st</sup>:</u> Thursday 2 <sup>nd</sup> September – Friday 22 <sup>nd</sup> October	<b>Autumn 2</b>  <u>Autumn 2<sup>nd</sup>:</u> Monday 1 <sup>st</sup> November – Wednesday 22 <sup>nd</sup> December	<b>Spring 1</b>  <u>Spring 1<sup>st</sup>:</u> Wednesday 5 <sup>th</sup> January – Friday 18 <sup>th</sup> February	<b>Spring 2</b>  <u>Spring 2<sup>nd</sup>:</u> Monday 28 <sup>th</sup> February – Wednesday 13 <sup>th</sup> April	<b>Summer 1</b>  <u>Summer 1<sup>st</sup>:</u> Monday 25 <sup>th</sup> April- Friday 20 <sup>th</sup> May	<b>Summer 2</b>  <u>Summer 2<sup>nd</sup>:</u> Monday 6 <sup>th</sup> June – Friday 15 <sup>th</sup> July
Art and Design Technology	<b>3D</b> - The children will look at designs of tiles made within the Roman period. They will then use these designs for inspiration for their own clay tiles patterns. Artist <b>Emma Briggs</b> <i>Linked to History</i>	<u><b>Electrical</b></u> The children will focus on creating a device that includes circuits and switches to create a light up Christmas cards. <i>Linked to science electricity topic</i>	<u><b>Food and Nutrition</b></u> Children will continue to develop their understanding of eating a healthy and varied diet before adapting simple recipes to make a savoury Tart. <i>Linked to persuasive texts</i>	<u><b>Drawing</b></u> – Looking at drawing the human body, paying close attention to proportion and scale Artist - <b>Edgar Degas</b>	<u><b>Printing-</b></u> The children will create their own 3D printing blocks using card, string and other small items. They will use their blocks to print using printing ink. Focusing on the artist <b>William Morris</b>	<u><b>Mechanical Components</b></u> Levers and linkages the children will create a story books using sliders and levers to make pictures move. <i>Linked to explanation texts</i>


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Computing	<b>Coding</b> Children will design and write a program that accomplishes a specific goal, explore variables, use repetition and user input, debugging, use 2Code to make a control simulation.	<b>Spreadsheets</b> Children will use the formula wizard to explore formatting cells, timer and spin button, line graphs, using a spreadsheet for a budget, exploring Place Value within a spreadsheet.	<b>Writing for Different Audiences</b> Children will explore how font size and style can affect the impact of a text, produce a news report and write for a community campaign.  <b>Online Safety</b> Children will share knowledge of online safety, create and share online safety presentation and information materials.	<b>Logo</b> Children will learn the language of logo, input simple instructions, create letters, use the repeat function to create shapes and the build feature in Logo.  <b>Animation</b> Children will find out how 2Animate can be used, learn about onion skinning in animation, add backgrounds and share an animation to the class.	<b>Effective Searching</b> Children will locate information on the search results page, assess whether an information source is true and reliable.	<b>Hardware Investigators</b> Children will learn to recall the different parts that make a computer.


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English	<p><b><u>Stories in Imaginary Worlds</u></b> Studying stories in imaginary worlds will enable the children to explore their imagination and develop their creative story writing. Children to write diary entries, character description, settings, letters based on the class novel – The Creakers by Tom Fletcher.</p> <p><b><u>Theme Poetry/ Creating Images</u></b> - children will be exploring a variety of writing techniques to create imagery poetry using features such as similes and metaphors.</p>	<p><b><u>Newspaper Articles:</u></b> Children will be able to plan, draft and write a newspaper article that contains both factual and opinion based content. The children will identify advertisers’ choice of language and use both reported and direct speech.</p> <p><b><u>Christmas themed creative writing</u></b> Children will take part in a range of setting descriptions, character descriptions and poetry linked to Christmas and Advent.</p>	<p><b><u>Stories with Historical Settings</u></b> children will find evidence about the period in which the story is set. They will be able to recognise the stages in a story and the way that events are linked and write their own story. <b><i>Linked with history topic from Y4 Romans and Y3 Egyptians</i></b></p> <p><b><u>Advertisements</u></b> Children will be exploring the impact of informal persuasive writing and they will be able to identify key language features in persuasive texts. <b><i>Linked to DT topic- Food</i></b></p>	<p><b><u>Advertisements continued</u></b></p> <p><b><u>Formal Persuasive Texts:</u></b> Children will be exploring the impact of formal persuasive writing and they will be able to identify key language features in persuasive texts. They will create letters, focused arguments and leaflets. <b><i>Linked to science topic living things and their habitats</i></b></p>	<p><b><u>Stories from another culture</u></b> The children will explore a variety of different cultures in order to develop a range of different settings, characters and events. The children will write their own story from another culture.</p>	<p><b><u>Explanation Texts –</u></b> The children will focus on structuring information into a logical order using specific vocabulary to ensure that the information is clear to understand. <b><i>With links to science topics sound &amp; states of matter and D&amp;T</i></b></p>


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<b>Humanities</b> (History and Geography)	<b><u>The Roman Empire</u></b> The children will develop an understanding of who the Romans were and how Britain has been influenced by the Roman Empire. Children will about Roman school, Roman jobs and what it was like as a Roman soldier visit Chester.	<b><u>UK With a focus on Rivers</u></b> The children will develop a contextual knowledge of the North West of England and recognise the key defining physical and human geographical features of the North West. They will be able to name and identify different counties, rivers and mountains in the UK	<b><u>Rivers continued</u></b> -To recognise the features of the rivers and understand its uses now and throughout history.  Look closely at the River Mersey.  <b><u>Local History study on John Alexander Brodie</u></b> Introduction of concrete slabs as isolation. Engineer of the Mersey Tunnel, Football Nets.	<b><u>North America-</u></b> The children will develop a contextual knowledge of North America and recognise the key defining physical and human geographical features.	<b><u>North America Continued</u></b>  Within the topic children will start to learn how to use an 8 point compass.	<b><u>Mayan Civilization</u></b> -The children will be exploring who the Mayans were and where they came from, including details about the monarchy and laws. They will understand the chronology of the Mayan civilisation and how the Mayan people lived; their homes, what they grew and ate and how this compares to British society today.


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Maths	<p><b><u>Number:</u></b> Number and <i>Place Value</i>, <i>Addition and Subtraction</i> (Read, write and order whole numbers to at least 10,000.) Use knowledge of addition and subtraction facts and place value to derive sums and differences of pairs of multiples of 10, 100 or 1000) Add and subtract 4 digit numbers. <i>Round numbers</i> to the nearest 10,100,1000.</p>	<p><b><u>Measurement:</u></b> <i>Perimeter:</i> Children will use their addition skills to find the perimeter of a variety of rectangles and rectilinear shapes and solve related problems.</p> <p><b><u>Number:</u></b> <i>Decimals</i> children will recognise the value of decimal digits. Mental calculations on multiplication and division. Solve multiplication and division calculations using formal methods.</p>	<p><b><u>Number:</u></b> Fractions children will be taught to recognise and show families of common equivalent fractions, count up and down in hundredths, add and subtract fractions and solve problems.</p> <p><b><u>Measurement:</u></b> <i>Area</i> Children will use their knowledge of multiplication to find the area of a variety of rectangles and solve related problems. They will convert between different units of measure</p>	<p><b><u>Measurement:</u></b> <i>Money</i> Within measurement, the children will explore converting, estimating and comparing between different units of measure including money in pounds and pence. <i>Time</i> children will be <i>converting between the 12 and 24 hour clock.</i></p>	<p><b><u>Geometry:</u></b> <i>Angles</i> (identify acute and obtuse angles and compare and order angles up to two right angles by size), <i>Shape and Symmetry</i>, (identify lines of symmetry in 2D shapes presented in different orientations) <i>Position and Direction</i> (describe positions on a 2D grid as coordinates in the first quadrant and describe movements)</p>	<p><b><u>Statistics-</u></b> We will interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs.</p> <p><b><u>Recap and revisit:</u></b> Children will recap and revisit major themes through a variety of fluency, reasoning and problem solving.</p>


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Music	Techniques for Singing <b><u>Taught by a Specialist Teacher</u></b> <i>Mamma Mia</i> . To begin with pupils were taught how ABBA became famous, through Eurovision. Pupils listened to and were able to sing ABBA songs, including, <i>Mamma Mia, Dancing Queen, I Have A Dream, Waterloo</i> and <i>Take A Chance On Me</i> .	<b><u>Taught by a Specialist Teacher</u></b> The children will continue their learning on the basic rudiments of playing an instrument. Pupils are taught how to play the glockenspiel, how to hold and use the beater, use of dynamics, timing and how to improvise. Pupils were able to perform individually and as a class. They could play an answering phrase and also along to a backing track / rhythm. Pupils will perform Christmas music, on the glockenspiel.	<b><u>Taught by a Specialist Teacher</u></b> The children will continue their learning on the basic rudiments of playing an instrument.	<b><u>Taught by a Specialist Teacher</u></b> The children will continue their learning on the basic rudiments of playing an instrument.	<b>Composing and Performing</b>	<b>Songwriter: Lyrics and Melody</b>

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Physical Education	<b>Judo</b> – Children will be taught by a specialist teacher to learn defense moves, attacking techniques and team work.	<b>Judo</b> – Children will be taught by a specialist teacher to learn defense moves, attacking techniques and team work.	<b>Gymnastics</b> The children will be developing and performing a range of body shapes, balances and explore different ways of travelling using apparatus. Rolls and weight on hands. Develop flexibility, strength, technique, control and balance.	<b>Swimming</b> Swim competently and confidently over a distance of at least 25 metres using a range of strokes	<b>Swimming</b> Swim competently and confidently over a distance of at least 25 metres using a range of strokes	<b>Swimming</b> Swim competently and confidently over a distance of at least 25 metres using a range of strokes
PSHE	<b><u>Being Me in My World</u></b> Becoming a class team, being a school citizen, rights responsibilities and democracy, rewards and consequences, our learning charter and owning our learning charter.	<b><u>Celebrating difference: how we look.</u></b> Judging by appearances, understanding influences, understanding bullying, problem solving, special me and	<b><u>Hopes and dreams</u></b> Hopes and dreams, broken dreams, overcoming disappointment, <b>creating new dreams</b> , achieving goals and we did it!	<b><u>Healthy Me</u></b> My friends and me, group dynamics, smoking, alcohol, <b>healthy friendships</b> and celebrating my inner strength and assertiveness.	<b><u>Relationships</u></b> Relationship web, love and loss, memories, <b>are animals special</b> , special pets and celebrating my relationships with people and animals.	<b><u>Changing Me</u></b> Unique me, having a baby, girls and puberty, circles of change, accepting change and <b>looking ahead</b> .

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Science	<p><b><u>Animals including Humans</u></b></p> <p>The children will be able to describe the simple function of the basic parts of the digestive system in the human body. Children will identify the different types of teeth in humans and their function. Children will also construct and interpret a variety of food chains, identifying producers, predators and prey.</p>	<p><b><u>Circuits and Electricity</u></b></p> <p>The children will build on previous practical experience of making circuits and extend their understanding of circuits, conductors and insulators.  <b>Linked with D&amp;T</b></p>	<p><b><u>Living Things and their Habitats</u></b></p> <p>The children will begin to understand how animals depend on plants or other animals which eat plants for food and the seven characteristics of living things. The children will learn about the interdependence of living things and how the environment needs to be protected. We will explore and use classification keys to help ground, identify and name a variety of living things in their local and wider environment.  <b>Links to English persuasion</b></p>	<p><b><u>Sound</u></b></p> <p>The children will be identifying how sounds are made and recognise how this happens. Children will find patterns between the volume of a sound and the strength of the vibrations that produced it.</p>	<p><b><u>States of matter</u></b></p> <p>The children will compare and group materials together, according to whether they are solids, liquids or gases. Children will observe that some materials change state when they are heated or cooled and measuring the temperature at which this happens in degrees Celsius (°C).</p>	<p><b><u>States of matter Continued</u></b></p> <p>Children will also identify the part played by evaporation and condensation in the water cycle. <b>Link to English to write an explanation.</b></p>



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Spanish	<b><u>Taught by a Specialist Teacher</u></b> Greetings Classroom instructions, How old they are and where they live. Numbers to 100 Months of the year.	<b><u>Taught by a Specialist Teacher</u></b> Children will continue to build upon their knowledge of Autumn 1 and recalling all eleven colours and recognise the numbers to 100.	<b><u>Taught by a Specialist Teacher</u></b> The children will be focusing on the Spanish alphabet, weather, school subjects and also opinions (like/dislike)	<b><u>Taught by a Specialist Teacher</u></b> The children will be focusing on the Spanish alphabet, weather, school subjects and also opinions (like/dislike).	<b><u>Taught by a Specialist Teacher-</u></b> The children will continue to focus on the Spanish alphabet, weather, school subjects and also opinions (like/dislike)	<b><u>Taught by a Specialist Teacher--</u></b> The children will continue to focus on the Spanish reading the clock, school subjects and also opinions (like/dislike) and describing their family.