




St John's Catholic Primary School – Year 6 Long Term Curriculum Plan

	Autumn 1 <u>Autumn 1st:</u> Thursday 2 nd September – Friday 22 nd October	Autumn 2 <u>Autumn 2nd:</u> Monday 1 st November – Wednesday 22 nd December	Spring 1 <u>Spring 1st:</u> Wednesday 5 th January – Friday 18 th February	Spring 2 <u>Spring 2nd:</u> Monday 28 th February – Wednesday 13 th April	Summer 1 <u>Summer 1st:</u> Monday 25 th April- Friday 20 th May	Summer 2 <u>Summer 2nd:</u> Monday 6 th June – Friday 15 th July
English	<p><u>Non-chronological Reports</u> Features of reports Variety of reports WWII Tongo Lizard Black Lives Matter</p> <p><u>Horror Stories</u> Based on Frankenstein by Mary Shelley Descriptive settings Character descriptions Dialogue</p>	<p><u>Christmas Poetry</u> Using similes, metaphors and personification</p> <p>Writing around the novel – A Christmas Carol.</p>	<p><u>Letters, diaries, recounts, poetry setting descriptions, description of characters, dialogues</u></p> <p>Range of genres taught through Short stories.</p>	<p><u>Letters, diaries, recounts, poetry setting descriptions, description of characters, dialogues</u></p> <p>Range of genres taught through Wonder novel.</p>	<p><u>Film narrative</u> The Piano (story with flashbacks) The Greatest Showman <i>Links to PSHE topic celebrating differences</i></p>	<p><u>Goodnight Mr Tom by Michelle Magorian</u></p> <p>Letters: Formal and Informal</p> <p>Diary entries</p> <p>Character descriptions Settings</p> <p><i>Links to WWII History Topic</i></p>


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Maths	<p>Mental Strategies and Arithmetic: Daily practice and development of oral and mental skills as well as Daily Arithmetic.</p> <p>Number: Place value including whole numbers and decimals, negative numbers, rounding, addition and subtraction including whole numbers and decimals.</p> <p>Multiplying and Dividing whole numbers and decimal numbers by 10, 100 and 1,000 using understanding of place value.</p> <p>Geometry: Children will apply their knowledge and understanding of the four operations to calculate the perimeter, area of 2D shapes and volume of 3D shapes.</p> <p>Parts of a circle: Children will identify parts of a circle and understand the relationship between the diameter and radius.</p>	<p>Number continued: Short and long multiplication/ short division and long division with whole numbers & decimals. Applying four rules of number to calculate a number halfway between two given numbers, BODMAS and Working backwards to find the starting number</p> <p>Fractions: Identifying different types of fractions (proper, improper and mixed numbers), simplifying fractions, placing fractions on a number line, comparing and ordering fractions, changing improper fractions to mixed numbers, adding and subtracting fractions and multiplying and dividing fractions</p> <p>Percentages: Finding percentages of amounts</p> <p>Decimals: Rounding decimal numbers to the nearest whole number and to one decimal place Ordering decimals</p> <p>Calculating the mean as an average</p>	<p>Measurement: Converting between units of measurement and applying this understanding to multi-step word problems.</p> <p>Algebra: Use simple formulas and work algebraically to solve missing number problems. Use the bar model to solve unknown values in equations.</p> <p>Ratio: Simplifying ratios and solving problems involving ratio and proportion</p>	<p>Coordinates: Children will plot and read coordinates in a four quadrants.</p> <p>Angles: Measure angles using a protractor Identify different types of angles and find missing values from angles.</p> <p>Lines: Identify and describe parallel and perpendicular lines.</p>	<p>Translation, Rotation and Reflection</p> <p>Statistics Reading information that is presented on bar graphs, line graphs and pie charts. Comparing and constructing pie charts.</p>	<p>Number: Math's Investigations</p> <p>Revisit and Consolidation of all Topics</p>


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Science	<p><u>Animals including humans</u> Name the main parts of the human circulatory system and describe the functions of the heart, blood vessels and blood.</p> <p><u>Animals including humans continued</u> describe the ways in which nutrients and water are transported within animals, including humans.</p> <p><i>Links to Maths statistics topic for Science investigations.</i></p>	<p><u>Living Things & Their Habitats</u> Children will recognise that living things have changed over time and that fossils provide information about living things that inhabited the Earth millions of years ago</p> <p><i>Links to Art topic: Drawing. Children will sketch and shade different fossils and create texture through their drawings.</i></p> <p>Children will recognise that living things produce offspring of the same kind, but normally offspring vary and are not identical to their parents.</p> <p><i>Links to PSHE: Relationships and Changing me.</i></p>	<p><u>Electricity</u> Children will be able to associate the brightness of a lamp or the volume of a buzzer with the number and voltage of cells used in a given circuit.</p> <p>They will be taught to compare and give reasons for variations in how components function, including the brightness of bulbs, the loudness of buzzers and the on/off position of switches</p> <p>Children will use recognised symbols when representing a simple circuit in a diagram.</p> <p><i>Links to Maths statistics topic for Science investigations.</i></p>	<p><u>Light</u> Children will be taught to recognise that light appears to travel in straight lines and will use this idea that to explain that objects are seen because they give out or reflect light into the eye.</p> <p>Children will also use this idea to explain how shadows have the same shape as the objects that cast them</p> <p><i>Links to Math's statistics topic for Science investigations.</i></p>	<p><u>Evolution and Inheritance</u> Children will identify how animals and plants are adapted to suit their environment in different ways and that adaptation may lead to evolution.</p> <p><i>Links to Non-chronological reports and Computing (Presentations): Children will have the opportunity to choose an animal/plant and present a report on how it has adapted to its environment.</i></p>	<p><u>Evolution and Inheritance continued</u> Children will identify how animals and plants are adapted to suit their environment in different ways and that adaptation may lead to evolution.</p> <p><i>Links to Non-chronological reports and Computing (Presentations): Children will have the opportunity to choose an animal/plant and present a report on how it has adapted to its environment.</i></p> <p><u>Recap and consolidation of topics</u></p>


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Computing	<u>Presentations:</u> To find, copy and paste images. Understand how to format pictures. Know about manipulating text. <i>Linked to science topic</i>	<u>Data Retrieving and Organising:</u> Designing, organising, filming and editing video clips for a presentation <i>Linked to English Christmas topic</i>	<u>Communicating (including E-safety)</u> Forums for children – read and contribute whilst following safety rules.	<u>Using the Internet (including E-safety)</u> Forums for children – read and contribute whilst following safety rules.	<u>Algorithms and Programs</u> Debugging defective programs. Creating multi character programs, games and 3D games.	<u>Algorithms and Programs continued</u> Debugging defective programs. Creating multi character programs, games and 3D games.
Geography		Recapping- Plotting countries, capital cities and learning about different time zones Using 6pt grid reference and using key symbols on a map.	<u>Where shall I go on holiday?</u> Describing what the climate of a region is like and how plants and animals are adapted to it. Describing and understanding the physical processes of glaciers and avalanches and the resulting landscape features. Understanding how mountain ranges are formed.	<u>Where shall I go on holiday?</u> Describing what the climate of a region is like and how plants and animals are adapted to it. Describing and understanding the physical processes of glaciers and avalanches and the resulting landscape features. Understanding how mountain ranges are formed.		<u>The U.K. and Trade</u> Focusing on the Albert Dock in Liverpool Discovering about trade and how the country is affected – <i>linked to history topic WWII.</i> How our local area and trade has changed over time.


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History	<u>World War 2</u> Local study discovering what life was like for people on Liverpool during WWII	<u>World War 2</u> Local study discovering what life was like for people in Liverpool during WWII			<u>Vikings</u> Children will research and explore who the Vikings were, where they came from and what they were known for.	<u>Vikings</u> Explore how they travelled, their beliefs, raids and how their rule ended.
Art and Design	<u>Drawing:</u> Children will explore drawing different objects using a simple pencil.		<u>Collage Textiles and 3D</u>		<u>Painting/Printing</u> <i>Linked to WWII</i>	
Design Technology		<u>Food: Culture and Seasonality</u> Savoury muffins/ Christmas muffins. The children will look at a variety of muffin recipes.		<u>Mechanical Systems:</u> Children will explore how pulleys and gears work and have the opportunity to make their own pulley and gear system.		<u>Textiles: Fabric Shapes</u> Combing different shapes. The children will look at a range of simple hats. They will then look at how the hats are made and put together
Spanish	Greetings Classroom Instructions Spanish Alphabet Halloween	Children will learn different foods and drinks and how to express opinions about foods and drinks to others and ask their opinions.	Homes: Rooms and Furniture City Life: Places	Directions	Numbers up to 1,000 Time Opinions	Classroom Instructions Sports and Hobbies

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Music	Children will work with a specialist music teacher and have the opportunity to sing, learning to harmonise and make vocals clear	Children will work with a specialist music teacher and will have the opportunity to sing, learning to harmonise and make vocals clear	Children are encouraged to build on what they have learned and to perform simple melodies individually and in unison. Musical terms are reinforced and they begin to link simple musical notation to the work they are doing in class.	Children are encouraged to build on what they have learned and to perform simple melodies individually and in unison. Musical terms are reinforced and they begin to link simple musical notation to the work they are doing in class.	Children will work with a specialist music teacher. They learn to perform simple melodies and harmonise these. Children will have the opportunity to perform different rhythms at the same time and use simple notation and un-tuned musical instruments.	Now, the children are more confident musicians and they have learned some simple improvisation. They learn to perform simple melodies and harmonise these. Class teachers are invited to listen to them perform
Physical Education	<u>Invasion Games:</u> Children will have the opportunity to demonstrate a broad range of skills across a wide range of games including football.	<u>Dance</u> Perform dances using a range of movement patterns	<u>Gymnastics</u> Use equipment to add different levels in to routines. Develop flexibility, strength, technique, control and balance	<u>Net and Wall Games</u> Racket skills and badminton Apply basic principles suitable for attacking and defending	<u>Outdoor Adventures</u> Develop communication, problem solving and teamwork skills in order to read maps and locate markers in fast-paced outdoor activities	<u>Striking and Fielding</u> Cricket

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PSHE	<u>Being me in the world</u> My year ahead, being a global citizen, the learning charter, our learning charter and owning our learning charter.	<u>Celebrating Difference</u> Am I normal, understanding disability, power struggles, why bully and celebrating differences .	<u>Dreams and Goals</u> Personal learning goals, steps to success, my dream for the world, helping to make a difference and recognising our achievements.	<u>Healthy Me</u> Food, drugs, alcohol , emergency aid, emotional and mental health and managing stress.	<u>Relationships</u> My relationship web, love and loss, power and control and being safe with technology. <i>Linked to R.E. loving topic</i>	<u>Journey in Love (R.S.E.)</u>