

St John the Baptist Catholic Primary School

Year 6 Long Term Curriculum Planner 2022-23

	Autumn Term	Spring Term	Summer Term
Topic Title	We'll Meet Again	Green, High and Dry	Trouble and Strife
Stunning Start and Fabulous Finish (Trip, workshop, visitor)	Battle of Britain film Downes Junior school air raid shelter. VE day party	Where in the world quiz Kew gardens or Local tree and plant study	How do you see? Local History walk.
Religious Education	Family- Loving Belonging- vocation and committment Judaism- Loving-expectations	Community-Sources Relating- unity Giving- Death and New Life	Serving- Witness Inter-Healing World-common Good Islam
EPR/RHSE	Personal Health Sex Education Tenten module 1 units 1-4 One world week Eco curriculum: Just one tree week Anti Bullying Week	Development of awareness of local and wider world issues- Environment Good to be Me Money Management Changes	Personal Health- drugs safety Going for Goals Difference and Diversity Relationships
Author/ Genre study	Anthony Horowitz/ spy stories/ Alex Rider series. Second World War stories Robert Westall The Blitz/ Rosie. Newspaper articles WW11. War poems.	The Edge Chronicles. Fantasy world, Paul Stewart and Chris Riddell. Poetry by Ted Hughes.	Michael Morpurgo the Giant's necklace.
English Genre and how it will be linked cross curricular	Different genres in fiction/war stories. Sci-fi describe an incident. Character detail in stories. Describe settings. Character description of a wartime spy Horst Schultz. Write a wartime suspense story set in Brighton during the Blitz. Modern fiction spy stories. POR Storm-breaker and Goodnight Mr Tom. Journalistic writing/ war newspapers, radio bulletins, Pathe news report.	The power of Imagery/ personification, similes and metaphors/ The Blitz poem. Auto and Biographical writing including scientists Charles Darwin, Michael Faraday and WW11 Anne Frank. Fantasy world for South American quest through mountains, deserts, forests. Quest stories for content style and format using a geographical theme. Legends of South America. Poetry Haikus. Discussion texts for balanced arguments to reflect on issues affecting South America/Brazil.	Explanation texts. Formal and informal writing. Letter writing for global / South American issues studied. Non-chronological report on our community. Plays and play-scripts. Modern versions of classic stories. Poetry limericks.
English Texts	Extracts from different genres in fiction to highlight style and typical content for characters, settings and event descriptions, linked to history theme of Britain at war. Storm-breaker Drama/ Goodnight Mr Tom The Blitz/ Adventure stories/ Suspense. The Battle of Britain: Chris Priestly. War Stories for Boys: Alex Rider stories by Anthony Horowitz. Robert Westall, Rosie for structure and content.	Poems by Ted Hughes and other authors that use personification, similes and metaphors. The warm and the cold. The Fox. The Hare. Owl Poems about the Blitz. Diary of Anne Frank. Cider with Rosie. Laurie Lee style autobiographical writing. The Edge chronicles and fantasy worlds. David Attenborough: Life on Earth	Explanation texts. Formal letters and language conventions. Historical texts and legends linked to Saxon England. Play-scripts and novel versions of them.

	Poems by Ted Hughes and other authors that use personification, similes and metaphors. The warm and the cold. The Fox. Newspapers from 1939-45.	Discussion texts. Stories from South America. Mayan folktales.	
Maths	Place value, ordering and rounding, read and write numbers. Negative numbers. Multiply and divide by 10,100, 1000. Apply known number facts and tables to derive associated facts. Understanding $\times$ and $\div$. Mental calculation strategies ($\times \div$). Calculations for all 4 operations including long multiplication and division of integers and decimals. Solve word problems involving all 4 operations. Make decisions and check results. Estimating. Properties of numbers squares, primes, multiples and factors.	Calculate 4 operations with Fractions, decimals. Find fractions of amounts. Use and apply equivalence. Find and compare $\%$. Find $\%$ of amounts and quantities. Convert measures. Solve problems with multiple steps. Reading scales. Mental calculation strategies ($+$ $-$ $\times$ and $\div$.) Money, time and 'real life' problems. Making decisions and checking results. Estimating. Properties of numbers squares, primes, multiples and factors. Shape and space, angles in shapes and calculating angles. Area and perimeter of rectangles and rectilinear compound shapes. Area of triangles and parallelograms. Volume of cuboids and properties of 3D shapes. Reasoning about shapes/ properties of triangles and quadrilaterals.	Movement and location using coordinates. Problem solving using understanding of $\times$ and $\div$. Mental calculation strategies ($\times \div$). Pencil and paper procedures ($\times \div$). Money and 'real life' problems Making decisions and checking results. Fractions, decimals & $\%$ Ratio and proportion. Scaling up and down for shapes. Statistics- Line graphs and pie graphs. Handling data and finding the mean.
Cross curricular maths		Climate data, temperature, rainfall, time zones. Scales and measuring distance.	
Science • planning different types of scientific enquiries to answer questions, including recognising and controlling variables where necessary • taking measurements, using a range of scientific equipment, with increasing accuracy and precision • recording data and results of increasing complexity using scientific diagrams and labels, classification keys, tables, and bar and line graphs • using test results to make predictions to set up further comparative and fair tests • using simple models to describe scientific ideas • reporting and presenting findings from enquiries, including conclusions, causal relationships and explanations of results, in oral and written forms such as displays and other presentations • identifying scientific evidence that has been used to support or refute ideas and arguments.	Electricity Pupils should be taught to: • associate the brightness of a lamp or the volume of a buzzer with the number and voltage of cells used in the circuit • 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 • use recognised symbols when representing a simple circuit in a diagram. Animals including humans • identify and name the main parts of the human circulatory system, and explain the functions of the heart, blood vessels and blood • recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function • describe the ways in which nutrients and water are transported within animals, including humans.	Evolution and inheritance Pupils should be taught to: • recognise that living things have changed over time and that fossils provide information about living things that inhabited the Earth millions of years ago • recognise that living things produce offspring of the same kind, but normally offspring vary and are not identical to their parents • identify how animals and plants are adapted to suit their environment in different ways and that adaptation may lead to evolution. All living things Pupils should be taught to: • describe how living things are classified into broad groups according to common observable characteristics and based on similarities and differences, including micro-organisms, plants and animals • give reasons for classifying plants and animals based on specific characteristics.	Light Pupils should be taught to: • understand that light appears to travel in straight lines • use the idea that light travels in straight lines to explain that objects are seen because they give out or reflect light into the eye • explain that we see things because light travels from light sources to our eyes or from light sources to objects and then to our eyes • use the idea that light travels in straight lines to explain why shadows have the same shape as the objects that cast them, and to predict the size of shadows when the position of the light source changes.

History	A study of an aspect or theme in British history that extends pupils' chronological knowledge beyond 1066 A significant turning point in British history, e.g. the Battle of Britain The Battle of Britain. Why, where and what? The evacuation of Dunkirk and the end of the phoney war. Why was there a war in 1939? What was the Depression and who were the Jarrow marchers? Who were the Fascist leaders and why did they become powerful in the 1930s? How did the people of Britain prepare for war? Evacuation and rationing and its effects on people. Propaganda, fear of spies and code-breakers. The Blitz, where and its effects. D Day and the end of the war. How was Britain rebuilt after the war?	A non-European society that provides contrasts with British history - one study chosen from Mayan civilization c. AD 900;	How do you see History? How do you see leadership? What makes a successful leader? Investigate the years 1000 to 1066. Why trouble and strife? Who were the characters involved? What were they like? The death of Ethelred, succession of Canute, the return of Edward. Terms and conditions. Who were the Saxons? Who were the Normans? Research laws and government and religion. Saxon England under Edward the Confessor and the lead up to the Norman invasion. The relationship between Godwin of Wessex, his sons and Edward the Confessor. How the Dukes of Normandy became involved in the issue of succession to the throne of England. Who was Harold Godwinson? Who was William of Normandy? Why was an invasion launched in 1066? What happened at the Battle of Hastings?
Geography	Geographical skills and fieldwork - use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied - use the eight points of a compass, four and six-figure grid references, symbols and key (including the use of Ordnance Survey maps) to build their knowledge of the United Kingdom and the wider world 201 - use fieldwork to observe, measure and record the human and physical features in the local area using a range of methods, including sketch maps, plans and graphs, and digital technologies. Europe and political boundaries before the war and after.	Name and locate counties and cities of the United Kingdom, geographical regions and their identifying human and physical characteristics, key topographical features (including hills, mountains, coasts and rivers), and land-use patterns; and understand how some of these aspects have changed over time understand geographical similarities and differences through the study of human and physical geography of a region of South America Geographical skills and fieldwork - use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied - use the eight points of a compass, four and six-figure grid references, symbols and key (including the use of Ordnance Survey maps) to build their knowledge of the United Kingdom and the wider world 201 - use fieldwork to observe, measure and record the human and physical features in the local area using a range of methods, including sketch maps, plans and graphs, and digital technologies. Global overview of climate, mountains, deserts and forests. How do mountains form? What are the main features of mountains? How do deserts form? What is a desert and where can you find water? Why do different types of forest grow	Geographical skills and fieldwork - use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied - use the eight points of a compass, four and six-figure grid references, symbols and key (including the use of Ordnance Survey maps) to build their knowledge of the United Kingdom and the wider world 201 - use fieldwork to observe, measure and record the human and physical features in the local area using a range of methods, including sketch maps, plans and graphs, and digital technologies. France. Where is Normandy in relation to the rest of France and England. Local land use and how we see our community. Use fieldwork to observe, measure, record and present the human and physical features in the local area using a range of methods, including sketch maps, plans, graphs and digital technologies

		on the earth's surface? Explore tree types and their names. Investigate the mountains, deserts and forests of South America and map them. Focus on South America and environmental issues faced in the Andes mountains in Peru, the Atacama desert and the Amazon rainforests of Brazil. Human and physical geography.	
Computing	Computer Networks- We are app planners(planning the creation of a mobile app using appinventor/ Appshed/ phonegap) Computational thinking-We are project managers(developing project management skills using google apps for education)	Productivity-We are market researchers(researching the app market using Google drive applications/movie maker) Communication/Collaboration- We are interface designers(designing an interface for an app using pencil project/powerpoint)	Programming-we are App developers(developing a simple mobile phone app using App inventor) Creativity-We are marketeers(creating video and web copy for a mobile phone app using publisher/Wordpress/google sites/movie maker)
Design Technology	Design and build the perfect air raid shelter. Design and build a switch. Electrical More complex switches and circuitsvehicle alarm, air raid alarm, electrical board game, alarm for school shed, alarm for artefact	Textiles Combining different fabric shapes mobile phone carrier, garden tool belt, slippers. Fabric advent calendar, shopping bag, fabric door stop.	Food Celebrating culture and seasonalitybread, savoury biscuits/ scones/ muffins, soup. Create different breads Create a periscope.
Primary Languages	I language lessons for French	As before	As before
Art	Drawing and painting 3D art Use the style of Picasso to produce portraits and 3D clay reliefs.	Drawing and Painting Use perspective to create different scenes. Mixed Media. Use repeated images to create digital and painted images.	Drawing and Painting Use natural materials to produce prints, collages, photographic images and designs. Mayan war masks.
Music	1930s and 40s music and dance.	South American samba and salsa.	End of year summer production.
Physical Education	Football, basketball and hockey invasion games. Indoors fitness and gymnastics.	Net and ball games, volleyball and tennis. Indoors fitness. Tag rugby.	Outdoor and adventure activities. Athletics and bat and ball games, cricket.