

## Bishop William Ward Curriculum Map: Year 6\*\*

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Topic Title	<b>War and peace</b>		<b>Graffiti Art</b>		<b>Japan</b>	
<b>Literacy</b>	<p><b>Genres Term 1</b></p> <ul style="list-style-type: none"> <li>-Stories that contain historical events: <i>Goodnight Mr Tom</i></li> <li>-Letter writing: Evacuee</li> <li>-Diary writing: Evacuee</li> <li>-Recounts: Battle of Britain</li> <li>-Non-chronological report: WW2</li> <li>-Poetry: War poets</li> </ul>		<p><b>Genres Term 2</b></p> <ul style="list-style-type: none"> <li>-Persuasive writing: Graffiti</li> <li>-Biographies: Graffiti artists</li> <li>-Poetry: We are Britain (Graffiti art)</li> <li>-Adventure stories:</li> </ul>		<p><b>Genres Term 3</b></p> <p>SATs Revision</p> <ul style="list-style-type: none"> <li>-Stories by the same author: <i>Michael Morpurgo Kensuke's Kingdom</i></li> <li>-Animated texts: Studio Jible</li> <li>-Explanations: Water</li> </ul>	
<b>Maths</b>	<ul style="list-style-type: none"> <li>• Reading and understanding numbers with at least 6 digits.</li> <li>• 1, 2, &amp; 3 place decimals</li> <li>• Converting fractions and decimals</li> <li>• Addition of numbers including decimals</li> <li>• Missing number problems</li> <li>• Calculating missing angles</li> <li>• Use of brackets when calculating</li> <li>• Converting units of measure including: weight, length &amp; mass</li> <li>• Finding time intervals</li> <li>• Subtraction strategies including decimals</li> </ul>	<ul style="list-style-type: none"> <li>• Multiplication using mental strategies</li> <li>• Short and long multiplication using the grid method [formal methods for more able]</li> <li>• Negative number problems relating to temperature</li> <li>• Fractions &amp; mixed numbers</li> <li>• Area, perimeter &amp; volume</li> <li>• Division strategies</li> <li>• Addition, subtraction &amp; multiplication &amp; division of fractions</li> <li>• Fractions &amp; percentages</li> </ul>	<ul style="list-style-type: none"> <li>• Reading and writing 7 digit numbers</li> <li>• Subtracting large numbers</li> <li>• 2 &amp; 3 place decimals</li> <li>• Equivalent fractions &amp; decimals</li> <li>• Multiplying fractions</li> <li>• Multiplying decimals</li> <li>• 2 dimensional shapes &amp; angles</li> <li>• Strategies for adding &amp; subtracting mentally</li> <li>• Formal methods for addition and subtraction</li> <li>• Factors and multiples</li> <li>• Prime numbers</li> </ul>	<ul style="list-style-type: none"> <li>• Long division [chunking method]</li> <li>• Money- methods for calculating change</li> <li>• Calculating averages</li> <li>• Reading line graphs &amp; pie charts</li> <li>• Reading co-ordinates and translating shapes</li> <li>• Calculating missing angles</li> <li>• Dividing by 2 &amp; 3 digit numbers</li> <li>• Number sequences</li> <li>• Ratio</li> <li>• Algebra problems</li> </ul>	<ul style="list-style-type: none"> <li>• Decimal place value</li> <li>• Multiplying mentally by 10, 100 &amp; 1000</li> <li>• Rounding numbers including decimals</li> <li>• Positive and negative numbers</li> <li>• Fractions percentages &amp; decimals</li> <li>• Algebra</li> <li>• Scaling by multiplying &amp; dividing</li> <li>• Calculating fractions of amounts</li> <li>• Dividing 4 digit numbers by 2 digit numbers</li> <li>• Dividing with decimal remainders</li> <li>• Finding missing coordinates</li> </ul>	<ul style="list-style-type: none"> <li>• Adding, subtracting, multiplying &amp; dividing fractions</li> <li>• Ratio</li> <li>• Reading scales and solving problems</li> <li>• Measuring and calculating angles</li> <li>• Area, perimeter, angles &amp; volume</li> <li>• Interpreting a wide variety of graphs</li> <li>• Binary numbers</li> <li>• Fibonacci sequence</li> </ul>
<b>Science</b>	<p>Throughout the year, through the units of work set out below, pupils will be taught to use practical scientific methods, processes and skills. They will: ask searching questions, take accurate measurements, organize and interpret data and ask scientific questions.</p>					
	<p><b>Light</b></p> <p>Children will learn that light travels in straight lines and that objects are seen because they give out or reflect light into the eye</p> <p><b>Electricity</b></p> <p>Children will recognise and use symbols to draw and interpret a simple circuit diagram. They will also associate the brightness of a lamp with the number and voltage of cells used in the circuit.</p>		<p><b>Animals including humans</b></p> <p>Children will identify and name the main parts of the human circulatory system. They will also be taught the importance of eating a healthy diet, exercise and its impact upon their bodies.</p> <p><b>All living things</b></p> <p>Children will classify living things into broad groups according to common characteristics and based on similarities and differences. This area will include micro-organisms, plants and animals.</p>		<p><b>Evolution and inheritance</b></p> <p>Children will learn that plants and animals, including humans, resemble their parents in many features. They will recognise that fossils provide information about living things that inhabited the Earth millions of years ago and consider how living things have adapted to suit their environment. During this unit of work pupils will learn about animal reproduction (including humans)</p>	
<b>Computing</b>	<p><b>To Communicate &amp; Connect</b></p> <p>Pupils will be taught the effect of online comments and how to act responsibly whilst online. They will learn that it is illegal to download copyright material, including games &amp; music.</p> <p><b>Technology in the World</b></p> <p><b>E-safety.</b> To know how to remain safe whilst online.</p>		<p><b>To Collect</b></p> <p>Children will select appropriate applications to construct and manipulate data and present it in an effective and professional manner.</p> <p><b>To Connect</b></p> <p>Understand how simple networks are set up and used.</p> <p><b>Technology in the World</b></p> <p>Children will use websites to gather information about physical and human geography in the wider world.</p>		<p><b>To Code</b></p> <p>Children will use sequence, selection, and repetition in programs. They will work with variables and various forms of input and output.</p> <p><b>Technology in the World</b></p> <p>Children will develop a basic understanding of how simple networks are set up and used.</p>	
<b>RE Chelmsford Diocese Syllabus</b>	<p><b>Creation</b></p> <p>Saints</p>	<p><b>Incarnation</b></p>	<p><b>The Eucharist</b></p> <p><b>Other Faiths: Death, Reincarnation and sacred places</b></p>	<p><b>Salvation</b></p>	<p><b>Pentecost: The Holy Spirit at work</b></p> <p><b>Christian Pilgrimage</b></p>	<p><b>Other Faiths: Islam- The Ka'bah and the Hajj</b></p>
<b>History</b>	<p><b>Through the study of WW2 pupils will:</b></p> <ul style="list-style-type: none"> <li>• Seek out and use sources of evidence to deduce information and justify claims about the past.</li> <li>• Develop an awareness of the concept of propaganda and how historians must understand the social context of evidence studied.</li> <li>• Understand that no single source of evidence gives the full answer to questions about the past.</li> <li>• Describe the main changes in a period of history (using terms such as: social, religious, political, technological and cultural).</li> <li>• Identify periods of rapid change in history and contrast them with times of relatively little change.</li> <li>• Use appropriate vocabulary, dates and terms accurately in describing events.</li> </ul>					

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	<p><b>Role of women</b> nursing, auxiliary farming, munitions, conscientious objectors</p> <p><b>Local History</b></p> <ul style="list-style-type: none"> <li>• WW2 a study of the impact of war on the lives of people in Colchester</li> <li>• A Study of a significant turning point in British History.</li> <li>• Lives of significant historical figures ( Churchill, Mountbatten, Hitler)</li> </ul>		
<b>Geography</b>			<p><b>Japan</b> Through the study of Japan the children will be able to locate the geographic zones of the world, understand the significance of the geographic zones, describe and understand key aspects of physical geography, including: climate zones, biomes and vegetation belts, rivers, mountains, volcanoes and earthquakes and the water cycle.</p>
<b>Art &amp; Design</b>		<p><b>Digital Media</b> The children will create images, video and sound recordings and explain why they were created. Enhance digital media by editing (including sound, video, animation, still images and installations).</p>	<p><b>Print</b> The children will learn to build up layers of colours, create an accurate pattern, showing fine detail and use a range of visual elements to reflect the purpose of the work.</p> <p><b>Textiles</b> The children will learn to shape and stitch materials, use basic cross stitch and back stitch, quilt, pad and gather fabric, colour fabric and create weavings.</p>
<b>Design &amp; Technology</b>	<p><b>Food</b> Children will learn of the importance of correct storage and handling of ingredients (using knowledge of micro-organisms). They will use a range of baking and cooking techniques whilst learning to measure accurately and calculate ratios of ingredients to scale up or down from a recipe</p> <p><b>Materials</b> Through the making of models, pupils will develop an understanding of the qualities of materials and to choose appropriate tools to cut and shape (such as the nature of fabric may require sharper scissors than would be used to cut paper). They will apply their knowledge of electric circuits.</p>		<p><b>Levers, Pullies &amp; modelling</b> <b>Egyptian Irrigation &amp; Pyramid Design</b> Children will consider the phrase '<i>Necessity is the mother of invention</i>' as they explore elements of design from a range of inspirational designs from Ancient Egypt.</p>
<b>Music</b>	<p><b>Your child will learn to play a woodwind or brass instrument</b> Through learning to play a woodwind or brass instrument pupils will learn to read simple music notation. They will use musical vocabulary to describe and appraise music</p>	<p><b>Your child will continue to learn to play a woodwind or brass instrument</b> Through learning to play a woodwind or brass instrument pupils will become more skilled in reading simple music notation. They will use musical vocabulary to describe and appraise music and begin to compose.</p>	<p><b>Your child will continue to learn to play a woodwind or brass instrument</b> Through learning to play a woodwind or brass instrument pupils will improve their ability to read music notation. They will apply their skills when composing and describing music.</p>
<b>PE</b>	<p><b>Games</b> <b>Gymnastics</b> <b>Dance</b></p>	<p><b>Gymnastic</b> <b>Dance</b></p>	<p><b>Dance</b> <b>Athletics</b> <b>Fitness/Outdoor Adventure</b></p>
<b>PSHE</b>	<p><b>Me and my Relationships</b> <b>Me &amp; My Feelings</b></p>	<p><b>Keeping Safe</b> <b>Healthy Lifestyles</b></p>	<p><b>Growing and Changing</b> <b>Medicines and Drugs</b> <b>Making a Positive Contribution</b></p>

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