

## Curriculum Overview for Years 5 & 6 – Cycle Year A: 2020-21



English		Mathematics		Science	
<ul style="list-style-type: none"> <li>Develop spoken language including:                             <ul style="list-style-type: none"> <li>asking and answering relevant questions, articulating and justifying their answers</li> <li>build on the contributions of others</li> <li>role-play, performance, debate and discussion</li> </ul> </li> <li>Develop reading through:                             <ul style="list-style-type: none"> <li>applying knowledge of root words, prefixes and suffixes</li> <li>enjoying a broad range of texts, including learning poems by heart and performing them</li> <li>drawing inference, such as characters' feelings, thoughts and motives, and finding evidence</li> <li>discuss and evaluate figurative language</li> </ul> </li> <li>Develop writing through:                             <ul style="list-style-type: none"> <li>planning, drafting, evaluating and editing longer texts for real and imagined purposes</li> <li>precising longer passages</li> <li>building cohesion within &amp; across paragraphs</li> <li>incorporating dialogue to convey character</li> <li>developing knowledge of grammar and punctuation including the use of formal language</li> <li>increasing the legibility, speed and fluency of a joined script</li> <li>spelling a wide range of words including those which are commonly confused, other homophones and words with silent letters</li> </ul> </li> </ul>		<ul style="list-style-type: none"> <li>Develop understanding of numbers and the number system by reading, writing and understanding the place value of numbers up to 10,000,000</li> <li>Solve problems involving addition, subtraction, multiplication and division with numbers up to 4-digits</li> <li>Use formal methods of calculation for all four operations</li> <li>Recall and use multiplication and division facts for multiplication tables up to 12 x 12</li> <li>Solve problems involving increasingly challenging fraction and decimals</li> <li>Add and subtract fractions</li> <li>Multiply pairs of proper fractions</li> <li>Solve problems involving ratio, proportion and percentages</li> <li>Use simple formulae and solve simple equations</li> <li>Calculate the area of triangles and parallelograms and the volume of cubes and cuboids</li> <li>Solve problems involving measures, time and money, converting between different units</li> <li>Illustrate and name the parts of a circle and recognise angles where they meet at a point</li> <li>Describe and plot position on a co-ordinate grid in all four quadrants; make simple translations</li> <li>Interpret and construct pie charts and line graphs</li> <li>Find the mean of a set of data</li> </ul>		<p>Throughout the year, children will be taught to develop their scientific enquiry skills through the contexts below.</p> <p><b>Contexts for Learning</b></p> <ul style="list-style-type: none"> <li>Properties and changes of materials                             <ul style="list-style-type: none"> <li>compare and group materials on the basis of their properties</li> <li>give reasons for the use of particular materials</li> <li>explain reversible and irreversible changes</li> </ul> </li> <li>Life Cycles                             <ul style="list-style-type: none"> <li>describe the differences in lifecycles between a mammal, amphibian, insect and a bird</li> <li>describe the life process of reproduction</li> </ul> </li> <li>Light                             <ul style="list-style-type: none"> <li>recognised that light travels in straight lines</li> <li>explain how we see objects</li> <li>explain shadows using knowledge of light</li> </ul> </li> <li>Evolution &amp; Inheritance                             <ul style="list-style-type: none"> <li>recognise that living things have changed over time and that fossils provide historical information</li> <li>recognise that offspring vary from their parents</li> <li>identify how animals and plants are adapted to suit their environment</li> </ul> </li> <li>Electricity                             <ul style="list-style-type: none"> <li>associate the brightness of a lamp with the number and voltage of cells in a circuit</li> <li>compare variations in how components function</li> <li>use recognised symbols</li> </ul> </li> </ul>	
PE	RE	PSHCE		French	
<ul style="list-style-type: none"> <li>Gymnastics: "Body Symmetry" &amp; "Press and Go"</li> <li>Dance: "Styles" &amp; "On the beach"</li> <li>Invasion Games: Netball &amp; Rugby</li> <li>Striking &amp; fielding: Cricket</li> <li>Outdoor and Adventurous Activities</li> <li>Athletics</li> <li>Swimming and Water Safety</li> </ul>	<ul style="list-style-type: none"> <li>Jesus: Who do people say I am?</li> <li>God and Creation</li> <li>Is religion why you say or what you do?</li> <li>What influences Jewish people?</li> <li>What key beliefs influence people's faith and how they live?</li> <li>Moral Dilemmas</li> </ul>	<ul style="list-style-type: none"> <li>Beginning and Belonging</li> <li>Diversity and Community</li> <li>Sex and Relationships</li> <li>Family and Friends</li> <li>Drug Education</li> <li>Personal Safety</li> <li>Working Together</li> <li>My Emotions</li> </ul>		<ul style="list-style-type: none"> <li>Songs and rhymes in French</li> <li>Families</li> <li>Food and cafés</li> <li>Clothing and fashion</li> <li>Time and weather</li> <li>Around the world</li> </ul>	

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Other Subject Areas						
	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<b>Art &amp; Design</b>	Design and make a clay poppy based on the 2014 design by Paul Cummins.	Creating a 3d model of a landscape by making a relief and creating other 3d elements	Drawing and painting landscapes with a limited palette – eg monochrome images of polar lands.			
<b>Computing</b>	Using the internet for research and technologies to communicate information.	Developing programming skills to solve problems in Scratch.	eSafety	Assistive technologies; programming, monitoring and controlling products.	Computing for communication: posters, messaging campaigns and misinformation	Developing programming skills to solve problems in Scratch.
<b>D&amp;T</b>				Design, make and evaluate a phone or tablet cover.	Design, make and evaluate a wind turbine which can power something.	Cooking: Making the constituent parts of a three-course meal – from local and seasonal ingredients.
<b>Geography</b>		Our varied world: how physical geography, such as climate, mountains, volcanoes and earthquakes affects our planet.	Polar Regions: The physical and human geography of some of the world's most inhospitable places.		Environmental Geography: Climate change – its causes, its effects and what action can we take.	
<b>History</b>	The local impact of World War I on Fowlmere, Great Chishill and Heydon. Using historical sources to learn about the people on the respective war memorials.			A history of the Battle of Britain, and how it was a pivotal moment in the Second World War. Understanding that there can be decisive moments in history.		Explorers: A study of some of the key explorers from now and in the past. The positive and negative consequences of exploration.
<b>Music</b>	Young Voices 2021	Young Voices 2021	Improvise and compose activities based around pop ballads.	Improvise and compose activities around music designed to life the spirits.	Listening, appraising and composition activities based around a set of classical tunes.	Improvise and compose activities based on the music of Carole King.

This is a summary of the work completed in Years 5 & 6; further detail can be found in the relevant sections of the [National Curriculum in England](#).

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### **Covid-19 Note**

Some aspects of the planned curriculum this year may change due to the impact of school closures in the 2019-20 school year. This will happen as we work to catch children up on areas of work missed last year, and as a result of the different experiences children will have had.

### **Curriculum Development Note**

This Curriculum is under development and is subject to change during the year. Please contact your child's class teacher for the most up-to-date information.