














Curriculum Information – Year 5 – Autumn Term

English	<p><u>The Promise by Nicola Davies</u></p> <p><u>The Matilda Effect by Ellie Irving</u> Writing Opportunities: Diary Entry (The Promise) Persuasive writing - poster and oral presentation advertising a new invention Explanatory text - invention/product Narrative - writing from a different character's perspective, including dialogue. Formal letter response to Matilda from the Government Biography - Scientist of choice Poetry - Riddles (Science) News Broadcast Script - Battle of Hastings</p>	
RE	<p><u>Creation</u></p> <ul style="list-style-type: none"> Children will learn that there are two stories of creation in the book of Genesis Children will understand that being created in God's image gives us a responsibility on this world <p><u>Miracles and the Sacrament of the Sick</u></p> <ul style="list-style-type: none"> Children will learn about some of the miracles of Jesus and the work of the Church in caring for and healing the sick Children will know about some places of pilgrimage and prayer for the sick <p><u>Baptism</u></p> <ul style="list-style-type: none"> Children will explore the role of John the Baptist in the Baptism of Jesus Study the signs, symbols, and prayers associated with the Sacrament of Baptism <p><u>Advent</u></p> <ul style="list-style-type: none"> This unit links the Old and New Testaments in terms of preparing for the coming of Christ Children will discuss the messages that proclaimed the first coming of Christ, and how they point to a second 	
Maths	<ul style="list-style-type: none"> Place Value within 1,000,000 Addition and Subtraction Multiplication and Division Fractions <p>In Maths, we have embedded a mastery approach in teaching and learning utilising Power Maths.</p>	
Science	<p><u>Properties of Materials</u> Children will be able to -</p> <ul style="list-style-type: none"> Know how to group everyday materials based on properties such as solubility, transparency, conductivity, and magnetism Suggest suitable materials for functions such as food prep surfaces, sound proofing or drinks bottles. Compare properties such as absorbency, strength and durability. Know the difference between electrical and thermal conductivity <p><u>Changes of Materials</u></p>	 

	<ul style="list-style-type: none"> • Know what is meant by reversible and irreversible changes, and give examples • Know that some materials will dissolve in liquid to form a solution, and how to recover a substance from a solution • Know how to separate mixtures through filtering, sieving, and evaporating 	
History	<p><u>How did Britain change between the end of the Roman occupation and 1066?</u></p> <p>Children will -</p> <ul style="list-style-type: none"> • Know about how the Anglo-Saxons attempted to bring about law and order into the country, and research crime and punishment. • Know that during the Anglo-Saxon period Britain was divided into many kingdoms • Use a timeline to show when the Anglo-Saxons were in England. • Know about the significance of Sutton Hoo 	
Geography	<p><u>Are Climates and Biomes connected?</u></p> <p>Children will -</p> <ul style="list-style-type: none"> • Know what is meant by biomes and what the features of a specific biome are • Understand what is meant by a climate zone and know what climate zone we live in, in the UK • Know how to use graphs to record features such as temperature or rainfall across the world • Understand how human activity affects climate and Climate Change 	
Music	<ul style="list-style-type: none"> • Music continues to be taught by Mrs Davison • Y5 children will begin to learn to play keyboards. 	
Computing	<p><u>Coding</u></p> <ul style="list-style-type: none"> • Represent a program design and algorithm • Create a program that simulates a physical system using decomposition • Explore string and text variable types so that the most appropriate can be used in programs • Program a playable game with timers and scorepad <p><u>Online Safety</u></p> <ul style="list-style-type: none"> • Gain a great understanding of the impact that sharing digital content can have • Review sources of support when using technology • Review children's responsibility to one another in their online behaviour • Know how to maintain secure passwords • Understand the advantages, disadvantages, permissions and purposes of altering an image digitally and the reasons for this. • Be aware of appropriate and inappropriate text, photographs and videos, and the impact of sharing these online. • Learn how to reference sources in work • Search the internet with a consideration for the reliability of the results of sources to check validity and understand the impact of incorrect information. 	
French	<p>French will be delivered by Madame Garner from St Margaret Ward</p>	

<p style="text-align: center;">PE</p>	<ul style="list-style-type: none"> • Handball • Netball • Swimming 	
<p style="text-align: center;">Art</p>	<p>Children will be looking at the Art of John Constable, Thomas Gainsborough and Joseph William Turner to be able to:</p> <ul style="list-style-type: none"> • Know how to use shading to create mood and feeling. • Experiment using marks and lines to produce texture. • Research the work of an artist and use their work to replicate the style. 	
<p style="text-align: center;">Design and Technology</p>	<p>During this project, children will explore, investigate and design their own frame structure. We will explore different frame shapes for their durability, appearance and overall effect on the structure.</p> <p>In this project, children will:</p> <ul style="list-style-type: none"> • Come up with a range of ideas after collecting information. • Will suggest alternative plans; outlining the positive features and drawbacks. • Will use a range of tools and equipment competently. • Will make a prototype before making a final version. • Will evaluate appearance and function against the original criteria. • Will use more complex IT programs to help enhance the quality of the product produced. 	
<p style="text-align: center;">PSHE</p>	<p><u>Being Me in My World</u></p> <ul style="list-style-type: none"> • Children will learn about their rights and responsibilities as British citizens • Children will understand democracy and relate it to their voice in school • Children will understand how the actions of an individual can impact on a group <p><u>Celebrating Differences</u></p> <ul style="list-style-type: none"> • Children will understand that cultural differences sometimes cause conflict, and understand what racism is • Be aware how rumour-spreading and name-calling can be bullying behaviours • Be able to explain the difference between direct and indirect bullying • Be able to compare their life with people in the developing world. • Enjoy the experience of a culture other than our own 	