

<b>Art and Design</b>	<b>3D</b> - The children will look at designs of mosaic tiles made within the Roman period and from more recent artist Emma Biggs. They will then use these designs for inspiration for their own clay tiles patterns. <b>(Linked to History topic)</b>
<b>Computing</b>	<p><b>Coding</b> Children will design and write a program that accomplishes a specific goal, explore variables, use repetition and user input, debugging, use 2Code to make a control simulation.</p> <p><b>Spreadsheets</b> Children will use the formula wizard to explore formatting cells, timer and spin button, line graphs, using a spreadsheet for a budget, exploring Place Value within a spreadsheet.</p> <p><b>Writing for Different Audiences</b> Children will explore how font size and style can affect the impact of a text, produce a news report and write for a community campaign.</p> <p><b>Online Safety</b> Children will share knowledge of online safety, create and share online safety presentation and information materials.</p>
<b>Design and Technology</b>	<b>Electrical components</b> - The children will focus on creating a device that includes a circuit and switch to create a light up Christmas cards. <b>(Linked to Science topic)</b>
<b>English</b>	<p><b><u>Stories with imaginary settings:</u></b> Studying stories in imaginary worlds will enable the children to explore their imagination and develop their creative story writing. Children to write diary entries, character description, settings, letters based on the class novel – The Creakers by Tom Fletcher.</p> <p><b><u>Poetry:</u></b> children will be exploring performance poetry and use similes to create theme poetry. The children will read and recite poems discussing vocabulary, structure and language features such as similes and metaphors used to create effects.</p> <p><b><u>Newspaper Articles:</u></b> Children will be able to plan, draft and write a newspaper article that contains both factual and opinion based content. The children will identify advertisers’ choice of language and use both reported and direct speech.</p> <p><b><u>Christmas themed creative writing</u></b> Children will take part in a range of setting descriptions, character descriptions and poetry linked to Christmas and Advent.</p>
<b>Geography</b>	<b>The U.K. / Rivers:</b> The children will develop a contextual knowledge of the U.K. and recognise the key defining physical and human geographical features. They will be able to name and identify different rivers and mountains in the UK, with a focus on the River Mersey.
<b>History</b>	<b>The Roman Empire</b> The children will develop an understanding of how Britain has been influenced by the Roman Empire. They will know and understand historical concepts, difference and significance, and use them to make connections, draw contrasts, frame historically-valid questions and create their own structured accounts.

<b>Maths</b>	<p><b>Number and Calculation</b> Read, write and order whole numbers to at least 10,000; count on from and back to zero in single-digit steps or multiples of 10. Use knowledge of addition and subtraction facts and place value to derive sums and differences of pairs of multiples of 10, 100 or 1000. Partition, round and order four-digit whole numbers; use positive and negative numbers in context and position them on a number line; compare numbers using the symbols =, &lt; and &gt;. Add or subtract mentally pairs of two-digit whole numbers. Identify the doubles of two-digit numbers; use these to calculate doubles of multiples of 10 and 100 and derive the corresponding halves. Derive and recall multiplication facts up to <math>12 \times 12</math>, the corresponding division facts and multiples of numbers to 12 up to the twelfth multiple. Recognise and show, how to calculate area using their knowledge and skills from multiplication and division. Children will use their multiplication knowledge to solve area of a variety of different sized rectangles.</p>
<b>Music</b> (specialist teacher)	<p>The children will be learning the basic rudiments of playing an <b>instrument</b>; this will include recognising different notes and following familiar and unfamiliar notation patterns to play tunes to accompany songs and longer musical pieces. Children will also continue to be taught to recognise and use key musical concepts such as pulse, rhythm, pitch and tempo.</p>
<b>P.E.</b> (specialist teacher)	
<b>P.S.H.E</b> Personal, Social and Health Education	<p><b>New Beginnings</b> The children will learn how to make someone feel welcome and valued at school, the need for school rules and how to manage their feelings.</p> <p><b>Citizenship</b> The children will have an understanding of democracy and how they can participate in the school decision making process.</p>
<b>Science</b>	<p><b>Animals including Humans</b> The children will be able to describe the simple function of the basic parts of the digestive system in the human body. Children will identify the different types of teeth in humans and their simple function. Children will also construct and interpret a variety of food chains, identifying producers, predators and prey.</p> <p><b>Electricity</b> The children will build on previous practical experience of making circuits and extend their understanding of circuits, conductors and insulators and the need for a complete circuit in order for a device to work. Children are introduced to ways in which they can vary the current in a circuit.</p>

**Spanish**  
(specialist  
teacher)

Children will develop Spanish as a modern foreign language through lessons delivered by specialist teacher. The children will learn to recognise and respond to greetings and set Spanish rules. They will also learn how to say others names, how old they are and where they live, whilst also recalling all eleven colours. They will recognise and say numbers in tens and the written numbers to ten, and attempt to write them. They will recognise and perform classroom instructions and recognise all the days of the week and months of the year – whilst also attempting to write this.