

<p>Art and Design</p>	<p><u>Drawing:</u> Children will explore drawing different objects using a simple pencil. They will use one pencil to achieve different tones and shades. Following this, they will add colour to their work. They will use one colour to portray different shades of that colour in their work.</p>
<p>Computing</p>	<p><u>Presentations:</u> Children will use the computing programme Purple Mash to present information in different ways.</p> <p><u>Data Retrieving and Organising:</u> Children will look at retrieving data from different databases and organising it in a way that can be presented clearly to others.</p> <p><u>E-Safety:</u> Children will look at how to use the internet safely and promote E-Safety to the younger children in our school.</p>
<p>Design and Technology</p>	<p><u>Mechanical Systems:</u> Children will explore how pulleys and gears work and have the opportunity to make their own pulley and gear system.</p>
<p>English</p>	<p><u>Non-chronological reports:</u> Children will begin this unit of work by exploring the features of non-chronological reports and following this will complete a non-chronological report based on WWII (links to History topic). Children then have further opportunities to write other non-chronological reports independently, learning how to plan, draft and edit their written work. <u>Narrative (Horror stories):</u> This unit of work is based on class novel <i>Frankenstein</i>. Within this topic, children will have opportunities to complete character and setting descriptions, exploring their own creativity as they design their own frightening characters and settings. In this topic, children will develop their writing skills and use a range of punctuation. <u>Poetry/Christmas writing:</u> Children will look at winter-themed and Christmas-themed poetry as well as other genres of writing related to the novel <i>A Christmas Carol</i>.</p> <p><u>Reading:</u> Children will explore different reading skills such as skimming and scanning texts and answering different types of reading comprehension questions. There will be a focus on vocabulary in reading lessons also. Children will also be reading Goodnight Mister Tom in the afternoons, during our <u>reading for pleasure</u> time.</p> <p><u>Novels:</u> Frankenstein and A Christmas Carol.</p>

History	<p>WWII: Children will look at the timeline of WWII and the impacts of it, with particular focus on their city (The Blitz and Liverpool). Children will also get to explore what it was like to live during this time by learning about evacuees, food at the time (ration books) and looking at extracts from the diary of Anne Frank.</p>
Maths	<p>Mental Strategies and Arithmetic: Daily practice and development of oral and mental skills as well as Daily Arithmetic.</p> <p>Number: Multiplication tables, consolidation of place value including whole numbers and decimals, negative numbers, four operations including whole numbers and decimals (addition, subtraction, multiplication and division), rounding, multiplying and dividing by 10, 100 and 1,000, squared numbers and cubed numbers, prime numbers, prime factors, multiples, factors and BODMAS.</p> <p>Children will have the opportunity to apply their understanding of the number topics to reasoning questions and multi-step problems.</p> <p>Fractions: Identifying different types of fractions (proper, improper and mixed numbers), simplifying fractions, placing fractions on a number line, comparing and ordering fractions, changing improper fractions to mixed numbers, adding and subtracting fractions and multiplying and dividing fractions.</p> <p>Children will be exposed to reasoning problems involving fractions and challenged to apply their understanding of the four rules of number to fraction questions.</p> <p>Geometry: Children will apply their knowledge and understanding of the four operations to calculate the perimeter, area and volume of 2D and 3D shapes. Children will also learn the properties of such shapes along with different lines (such as parallel, perpendicular and straight lines) and angles (acute, right angle, obtuse, reflex). Children will learn the different parts of the circle and the relationship between the radius and diameter.</p>
Music	<p>Taught by specialist teacher. Children will work with a specialist music teacher and have the opportunity to sing, learning to harmonise and make vocals clear. Children will also have the opportunity to perform different rhythms at the same time and use simple notation and untuned musical instruments.</p>
P.E.	<p>Games: Children will have the opportunity to demonstrate a broad range of skills across a wide range of games. They will be taught the skills of attacking and defending and will be able to give a detailed evaluation of their own performance and their team's performance. Lastly, children will be taught about the impacts of exercise and how it can benefit the body in different ways. Taught by specialist teacher</p>

<p>P.S.H.E</p>	<p><u>Being me in my world:</u> The children will focus on their year ahead, being a global citizen, the learning charter, our learning charter and owning our learning charter.</p> <p><u>Celebrating differences:</u> The children will focus on the question ‘Am I normal?’ Whilst understanding disability, power struggles and celebrating differences.</p>
<p>Religious Education</p>	<p><u>Loving:</u> Children will explore what love is and what it means to love and be loved unconditionally. They will explore scripture that refers to love and look closely at the parable of The Prodigal Son as an example of what it means to love in God's eyes.</p> <p><u>Vocation and commitment:</u> This topic allows Children to research and explore different types of jobs and the commitment required to do these jobs. Children will look at the work of the disciples and their vocation and call to God. Additionally, children will look at the vocation of priests and the ordination of priests as they enter into their important job and call from God.</p> <p><u>Expectations:</u> On the run up to the Christian celebration of Christmas, children will look at the different expectations as we prepare to celebrate the birth of Jesus. Children will explore the different preparations during the Advent season and what Christians are expected to do during this season.</p> <p><u>Judaism:</u> As part of our World Religions topic, Children will look at Judaism, the similarities and differences to Christianity and the Jewish celebrations.</p>
<p>Science</p>	<p><u>Animals, including humans:</u> Children will identify and name the main parts of the human circulatory system and describe the functions of the heart, blood vessels and blood. Additionally, they will be able to recognise the impact of diet, exercise and lifestyle on the way their bodies function. Lastly, children will be able to describe the ways in which nutrients and water are transported within animals, including humans.</p> <p><u>Working scientifically:</u> Children will be 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, taking repeat readings when appropriate, reporting and presenting findings from enquiries.</p>
<p>Spanish</p>	<p><i>Taught by specialist teacher.</i> Children will revisit greetings, classroom instructions and numbers. In addition to this, children will learn different foods and drinks and how to express opinions about foods and drinks to others and ask their opinions.</p>

