

<p>Art and Design</p>	<p><u>3d/Sculpture:</u> The children will make 3D tree sculpture using card and foil, inspired by tree art and work from Klimt. They will then make 3d tree models by moulding foil with card to construct tree sculptures.</p>
<p>Computing</p>	<p><u>Communicating (including E-safety)</u> Forums for children read and contribute whilst following safety rules. <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>Electrical Systems</u> Children will develop a design specification for an electric game that responds automatically to changes in the environment. They will generate, develop and communicate ideas through discussion, annotated sketches and pictorial representations of electrical circuits or circuit diagrams. The children will select and accurately assemble materials, and securely connect electrical components to produce a reliable, electric game.</p>

<p>English</p>	<p><u>Range of genres taught through Short stories and the Novel Wonder:</u> Children will spend this unit of work focusing on developing a range of writing skills from reading short stories. Children will have the opportunity to write in a range of genres including: letters, diary entries, newspaper articles, setting descriptions and descriptions of characters. Through this work they will develop an understanding of formal and informal language, as well as strengthening their use of language features and a range of punctuation. Children then have further opportunities to write independently, building upon their skills from Autumn term, including independently planning, drafting and editing their written work.</p> <p><u>Persuasive arguments and balanced arguments:</u> Children will look at how to structure and write effective persuasive arguments, as well as a balanced argument. This will give children opportunity to develop a wide range of grammar skills such as writing in the subjunctive mood and using modal verbs for impact. Through this, children will understand the importance of the tone of their writing and develop formal writing skills.</p> <p><u>Reading:</u> In reading lessons children will read a wide range of fiction, non-fiction and poetry texts. Children will explore and develop different reading skills such as skimming and scanning texts, the ability to infer and answering different types of reading comprehension questions. There will be a focus on broadening pupils' vocabulary in reading lessons through reading a wide range of stories with challenge.</p>
<p>Geography</p>	<p><u>Geography: Where would we go on Holiday?</u></p> <p>Describing what the climate of a region is like and how plants and animals are adapted to it. Describing and understanding the physical processes of glaciers and avalanches and the resulting landscape features. Understanding how mountain ranges are formed.</p>

<p>History</p>	<p><u>Local study on Jobs our grandparents had:</u></p> <p>Children will look at archives/census to explore jobs during WW1/WW2 around 1910 – 1940 and link it to the sinking of Lusitania in 1915.</p>
<p>Maths</p>	<p><u>Mental Strategies and Arithmetic:</u> Daily practice and development of oral and mental skills as well as Daily Arithmetic.</p> <p><u>Number:</u> Multiplication tables, applying knowledge of place value (including whole numbers and decimals, negative numbers, four operations including whole numbers, rounding, multiplying and dividing by 10, 100 and 1,000, squared numbers and cubed numbers, prime numbers, prime factors, multiples, factors and BODMAS) to reasoning problems. Children will be focusing on <u>Ratio</u> and <u>Algebra</u>.</p> <p><u>Fractions, percentages and decimals:</u> Children will build upon their fractions learning from Autumn term being able to convert between fractions, decimals and percentages. They will learn how to find percentages of amounts and develop reasoning skills with reasoning problems involving percentages.</p> <p><u>Geometry:</u> Children will identify parts of a circle describing the relationship between the radius and diameter and find missing angles in quadrilaterals, a full turn, straight lines and triangles.</p> <p><u>Measurement:</u> Children will convert between units of measurement and apply this knowledge to multi-step problems.</p>
<p>Music</p>	<p><i>Taught by specialist teacher.</i> Children will be encouraged to build on what they have learned and to perform simple melodies individually and in unison.</p>

	<p>Musical terms will be reinforced and children will begin to link simple musical notation to the work they are doing in class.</p>
<p>P.E.</p>	<p><u>Gymnastics:</u> Children will use equipment to add different levels in to routines. Develop flexibility, strength, technique, control and balance</p> <p><u>Net and Wall Games:</u> Racket skills and badminton. Children will apply basic principles suitable for attacking and defending.</p>
<p>PSHE</p>	<p><u>Dreams and Goals</u> When I grow up (my dream lifestyle) investigate jobs and careers, my dream job. Why I want it and the steps to get there, dreams and goals of young people in other cultures, how can we support each other and rallying support.</p> <p><u>Healthy Me</u> Smoking, alcohol, emergency aid, body image, my relationship with food and healthy me.</p>
<p>Religious Education</p>	<p><u>Sources:</u> The Bible, the special book for the Church</p> <p><u>Unity</u> Eucharist enables people to live in communion.</p> <p><u>Death & new life</u> Celebrating Jesus' death & resurrection</p>

<p>Science</p>	<p><u>Electricity</u> Children will be able to associate the brightness of a lamp or the volume of a buzzer with the number and voltage of cells used in a given circuit. They will be taught to compare and give reasons for variations in how components function, including the brightness of bulbs, the loudness of buzzers and the on/off position of switches Children will use recognised symbols when representing a simple circuit in a diagram.</p> <p><u>Light</u> Children will be taught to recognise that light appears to travel in straight lines and will use this idea that to explain that objects are seen because they give out or reflect light into the eye. Children will also use this idea to explain how shadows have the same shape as the objects that cast them.</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> Homes: Rooms and Furniture and City Life: Places and Directions.</p>