

Year 5 MTP: Summer Term

Enterprise:

Global Citizenship: UN global goal: Child Safety Online. Pupils will develop their skills as Global citizens by learning about and raising awareness of keeping children safe online. This campaign will support and enhance our existing E-safety curriculum.



Key Outcomes	Key Outcomes	Key Outcomes
<p>Reading</p> <p>Cosmic: children will explore themes about bravery, confidence, humour, curiosity, independence and risk-taking. Children will explore the vocab in the book and use skills of inference to get into the role of the characters.</p> <p>The Water Tower: children will explore the themes of friendship, loyalty and bravery within the book. They will use skills of prediction and interpretation to decipher what key messages the author is trying to detail.</p> <p>Harris Burdick: children will here work with the themes of bravery, confidence and compassion. They will use clues from images to interpret the author's thinking behind the imagery.</p>	<p>Writing</p> <p>Suspense and mystery story: children will write their own narrative set in outer space</p> <p>Non Chronological Report: Children will develop their knowledge of the Space Topic as they create this factual piece of writing based on the Solar System.</p> <p>Biography: With connection to the Space Topic, children will write a biography on the astronaut Tim Peake.</p>	<p>Maths</p> <p>Shape: children will learn how to classify, measure and recognise different angles along with the properties of 3D shapes.</p> <p>Time: children will learn to tell the time in different ways (analogue, digital, 12 and 24 hour) and to convert between them.</p> <p>Statistics: children will interpret data from tables and graphs such as timetables or line graphs.</p> <p>Volume and capacity: children will learn how to calculate the volume of an object and compare how this differs to calculating area and perimeter.</p> <p>Position and direction: Children will study coordinates and plotting on a graph and link this to translation and reflection.</p> <p>Roman Numerals – Children will learn Roman numerals and practice writing numbers as Roman Numerals and vice versa.</p>
<p>Science</p> <p>Earth and space</p> <p>Children will investigate the movement of the earth and other planets in relation to the sun. They will describe the movement of the moon relative to the earth and use the rotation of the earth to explain night and day and the apparent movement of the sun across the sky.</p> <p>Forces</p> <p>Children will investigate and explain the forces of gravity, air resistance, water resistance and friction. They will also learn how mechanisms including levers, pulleys and gears allow a smaller force to have a greater effect</p>	<p>Geography</p> <p>Planet Earth: A look at time zones</p> <p>Children will identify the position and significance of latitude, longitude, Equator, Northern Hemisphere, Southern Hemisphere, the Tropics of Cancer and Capricorn, Arctic and Antarctic circle, the Prime/Greenwich Meridian and time zones (including day and night).</p>	<p>PE</p> <p>Tennis: children will develop their skills and techniques for hitting a tennis ball. They will develop their backhand technique and use it in a game. They will also understand the scoring and be able to apply this in a game.</p> <p>Athletics: children will develop and combine running and jumping and show control when taking off and landing. They will also begin to record peer performances and evaluate these.</p> <p>Outdoor and adventure activities: Children continue to develop and refine orienteering and problem solving whilst working in teams and on their own.</p> <p>Cricket: children further develop skills in batting and fielding. They will develop a safe and effective overarm throw and bowl and build these skills learnt by playing a mini-tournament.</p>
<p>MFL</p> <p>Les coquelicots (a painting by Claude Monet)</p> <p>This unit revises colours and progresses to detail how colours are placed after the noun they are describing in French (as opposed to before the noun in English). Children to discuss a Monet painting using key French vocabulary.</p> <p>Les quatre saisons (The 4 seasons)</p> <p>Children will also revise their knowledge of the weather and will describe it for each season. Children will write a paragraph about the activities they do in each season and will read it to their peers</p>	<p>Art</p> <p>Painting:</p> <p>Children will focus on the artist Jackson Pollock. They will paint a space-scape adding materials to paint to create texture. They will use paint, colour and brush techniques to create mood and also create different effects by scratching, splashing and applying paint in layers.</p>	<p>DT</p> <p>Mechanisms: Convert rotary motion to linear using CAMS.</p> <p>Children will investigate other moving toys and create a moving toy using a cams mechanism.</p>

<p>Computing</p> <p>Modelling</p> <p>In this unit, children are introduced to 2Design and Make. They will know what the 2Design and Make tool is for and explore the different viewpoints in 2Design and Make whilst designing a building. They will explore the effect of moving points when designing and will adapt one of the vehicle models by moving the points to alter the shape of the vehicle while still maintaining its form. Children will then explore how to edit the polygon 3D models to design a 3D model for a purpose. They will understand the printing and making process, refine one of their designs to prepare it for printing. Children will then print their design as a 2D net and then created a 3D model.</p> <p>Vector Drawing</p> <p>In this unit, children start to create vector drawings. They learn how to use different drawing tools to help them create images. Children recognise that images in vector drawings are created using shapes and lines, and each individual element in the drawing is called an object. Children layer their objects and begin grouping and duplicating them to support the creation of more complicated pieces.</p>	<p>PSHE</p> <p>Relationships: children will learn about ‘recognising me’, getting on and falling out, with a focus on relationships and online technology.</p> <p>Changing Me: children will learn about self and body image, puberty for girls, puberty for boys, conception, looking ahead and looking ahead to year 6.</p>	<p>Music</p> <p>Opera</p> <p>Pupils will use the resources provided through the Royal Opera House’s project: Create & Sing. This unit introduces students to the world of dramatic singing through the opera ‘The Magic Flute’. Pupils will perform as part of an Opera Chorus with: knowledge of the history and context of opera; an understanding of dramatic singing, an increased awareness of vocal technique; and an ability to make connections and reflect on other performances (and art forms).</p> <p>Pop</p> <p>Children will compare interrelated dimensions of music in Elton John’s ‘Rocket Man’, Bowie’s ‘Space Oddity’ and Sam Ryder’s ‘Spaceman’. Compose journey through space using graphic notation.</p>
<p>RE</p> <p>Pilgrimages</p> <p>This unit builds on an understanding of ‘journey’ to investigate the impact of pilgrimage on participants, exploring local, national and global pilgrimage sites for different faiths.</p>	<p>Character Education</p> <p>Resilient:</p> <p>Children will develop their empathy skills by putting themselves in the shoes of an astronaut as they learn about life in space; this is complemented by a visit from the Planetarium. On Sports Day, the children will practice self-managing their individual feelings and enjoying all round successes.</p> <p>Thoughtful:</p> <p>Children will work collaboratively this half term as they build towards the end of the year. During class time, they will focus on gratitude thinking about what they are grateful for and what they are hopeful for next year. Children will focus on communication and expressing how they feel.</p>	