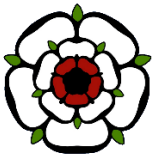


**MAYFIELD PREPARATORY SCHOOL**  
**AUTUMN TERM PROGRAMMES OF STUDY FOR FORM II**



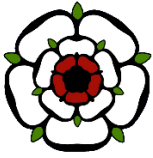
<b>MATHEMATICS</b>	<p><b>Number – Place Value</b></p> <ul style="list-style-type: none"><li>• Roman numerals</li><li>• Count in 10s, 100s, 1,000s, 10,000s and 100,000s</li><li>• Partitioning</li><li>• Numbers to one million</li><li>• 1000 more or less</li><li>• Compare and order numbers to 100,000</li><li>• Round numbers within 100,000</li><li>• Round numbers to one million</li><li>• Negative numbers</li></ul> <p><b>Number – Addition and Subtraction</b></p> <ul style="list-style-type: none"><li>• Add and subtract two 4-digit numbers with one or more exchange</li><li>• Add and subtract whole numbers with more than 4-digits</li><li>• Estimate and approximate</li><li>• Inverse operations (addition and subtraction)</li><li>• Multi-step addition and subtraction problems</li><li>• Find missing numbers</li></ul> <p><b>Number – Multiplication and Division</b></p> <ul style="list-style-type: none"><li>• 6-, 9-, 7-, 11- and 12-times tables and division facts</li><li>• Multiples and factors</li><li>• Common factors</li><li>• Prime numbers</li><li>• Square numbers</li><li>• Cube numbers</li><li>• Multiply by 10, 100 and 1000</li><li>• Divide by 10, 100 and 1000</li></ul> <p><b>Measurement – Length, perimeter, and area</b></p> <ul style="list-style-type: none"><li>• Kilometers</li><li>• Perimeter of a rectangle</li><li>• Perimeter of rectilinear shapes</li><li>• Measure and calculate perimeter</li><li>• Area of rectangles</li><li>• Area of compound shapes and irregular shapes</li></ul> <p>Work will be differentiated to meet the needs of the children. Children will be expected to complete end of unit tests.</p>
<b>ENGLISH</b>	<p>Reading: This terms texts will be: 'Stig of the Dump' and 'Midsummers Night's Dream to increase vocabulary and understanding, for pleasure. Reading focus: referencing the text and inference.</p> <p>Handwriting practice to write in a clear joined up script in ink.</p> <p>Writing will be linked to the text where appropriate; setting and character descriptions, narrative writing, instructions, non-chronological report, informal letter, kenning poetry, persuasive advert. Grammar and punctuation: Different sentence types, different parts of a sentence: determiners, nouns, verbs, adjectives, adverbs, pronouns, tenses, similes and metaphors. Revision of commas for lists and speech marks, commas for fronted adverbials and clauses, apostrophes.</p>
<b>SCIENCE</b>	<p><u>Animals including humans</u></p> <p>Find out about food groups and healthy balanced diets. Study the human digestive system and how food is transported around the body. Compare diets of herbivores, carnivores and omnivores. Investigate teeth and what causes decay. Look closely at food chains/webs.</p> <p><u>Electricity</u></p>



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	Children construct simple circuits and draw them. They find which materials are the best electrical conductors and use this information to make switches. Children wire plugs and find what happens to a bulb's brightness when circuits are changed. They research scientists.
<b>HISTORY</b>	<u>Key Question: How did the lives of ancient Britons change during the Stone Age?</u> The primary aim of the investigation is for pupils to understand that, although the lives of early humans in Britain remained much the same for long periods of time during the Stone Age, this period was also marked by perhaps the greatest change ever to occur in British society – that of the creation of permanent farming-based settlements and the birth of agriculture and the gradual decline of a hand-to-mouth subsistence existence. In addition, this investigation also supports pupils to appreciate that, without written evidence of how people lived in the Stone Age, so much of what archaeologists think occurred is little more than supposition based on the subjective interpretation of artefacts.
<b>GEOGRAPHY</b>	<u>Key Question: Beyond the Magic Kingdom: what is the Sunshine State really like?</u> This enquiry is designed to enable pupils to gain an understanding of the physical and human geographical features of a region in North America with which they can begin to compare the characteristics of a region of the United Kingdom. It begins by focusing on aspects of leisure and tourism with which pupils may be familiar both in the United Kingdom and overseas. Some may even have direct experience of visiting Florida and the Magic Kingdom. The objective of the investigation is to take the pupils beyond that with which they may be familiar and introduce them to different aspects of Florida's physical and human geography.
<b>FRENCH</b>	<ul style="list-style-type: none"><li>• Welcome to our school</li><li>• Classroom instructions</li><li>• Numbers 1-20</li><li>• Days of the week</li><li>• Months of the year</li><li>• Nouns/commands</li><li>• Places in a town</li></ul>
<b>RELIGIOUS EDUCATION</b>	<b>Food and Fasting:</b> Exploring the role food plays within religions. Discussing how food is used in everyday life, before looking at examples of its use within specific religions. Children will learn about food rules within Judaism, how abstaining from food can be a religious act with reference to the Christian festival of Lent, and will consider how and why religious believers fast through looking at the Muslim festival of Ramadan. Children will then discuss how food is also used within religions for celebrations, before applying all they have learnt to plan a celebratory feast event.
<b>P.S.E.D</b> <b>Personal, social, health and economic Education</b>	<b>VIP's:</b> This unit, entitled VIPs (Very Important Persons), will focus on relationships we have with our VIPs. It will look at friendships, how friendships are formed and maintained, and the qualities of a good friend. The lessons will then move on to disputes and bullying and will address strategies for coping with each of these.
<b>COMPUTING</b>	Online safety Coding Spreadsheets
<b>ART AND DESIGN</b>	Looking at the colour wheel. Prehistoric Art – Cave paintings. Create a sunset watercolour background for Stonehenge.
<b>PHYSICAL EDUCATION</b>	<b>Games</b> Skills – Tag type games. Ball and movement skills. Small-sided invasion games <b>Dance</b> – Superheroes style dance. Key dance moves- jump, travel, turn, gesture, stillness



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<b>MUSIC</b>	To work together as a class, to sing, produce, improve and perform musical items in the class or in front of a select audience. To be able to take part in call and response using simple rhythmic and melodic patterns. To listen to music that reflects sound produced in the USA Gospel Singing, with the types of instruments used. To begin to use written musical notation using: stave, clef signs, time signatures, and notation. Build on skills to play the recorder. Produce a piece and perform in front of class. (Festivals focus – Harvest, Remembrance Day and Christmas)
<b>STUDY SKILLS</b>	Exploration of different forms of verbal and non-verbal reasoning. Focus on patterns, ordering, codes and vocabulary building.