

**MAYFIELD PREPARATORY SCHOOL**  
**SUMMER TERM PROGRAMMES OF STUDY FOR LOWER II**

<b>MATHEMATICS</b>	<ol style="list-style-type: none"> <li>1. Geometry</li> <li>2. Place value</li> <li>3. Statistics</li> <li>4. Addition and subtraction</li> <li>5. Fractions</li> <li>6. Multiplication and division</li> <li>7. Measure</li> </ol> <p>Children will be assessed prior to teaching each of the units above. Work will be differentiated to meet the needs of the children. Personalised learning will then be tailored to the children's needs. Times tables will be reinforced daily.</p>
<b>ENGLISH</b>	<p>Class Reader: Dick King-Smith The Roundhill. Children will compare books by the same author and write a biography of Dick King-Smith. Children will continue to work on inference skills and summarising the text. They will compare characters and write diary entries and letters. Children to write a ghost story. Children will use their own spooky characters to write a new section of the story based on the same style. Children will also write explanation texts linked to Plants topic in Science. Children will edit and improve their writing.</p> <p>Grammar: Prepositions, present, present perfect, past and future tense, suffixes, prefixes, dictionary work.</p>
<b>SCIENCE</b>	<p><u>Plants</u> – Children will be identifying and describing the functions of different parts of flowering plants. Children will explore what plants need to survive and the seven life processes. Children will investigate the way in which water is transported within a plant and they will start to look at the part that a flower plays in reproduction.</p> <p><u>Famous scientists-</u> Children will study some famous scientists such as William Smith and Inge Lehmann.</p>
<b>HISTORY</b>	<p><u>The History of Maya civilisation</u></p> <ul style="list-style-type: none"> <li>• Describe and explain the historical significance of the Maya civilisation and suggest reasons for its catastrophic end.</li> </ul>
<b>GEOGRAPHY</b>	<p><u>Beyond the Magic Kingdom</u></p> <ul style="list-style-type: none"> <li>• Identify, describe and explain the function and attraction of theme parks</li> <li>• Identify, locate, compare and contrast the constituent states of the United States of America;</li> <li>• Observe, describe, explain and begin to draw conclusions about the geographical pattern of the origin of visitors to the Magic Kingdom from countries around the world;</li> <li>• Recognise and describe the key geographical features of a peninsula;</li> <li>• Recognise the key human and physical features and achievements of the Kennedy Space Centre in Florida;</li> <li>• Describe and explain why sea turtles which live in the waters around Florida are endangered;</li> <li>• Compare and contrast the climate of the United Kingdom and Florida;</li> <li>• Reach a conclusion and make a judgement as to the best time climatically for British tourists to holiday in Florida;</li> <li>• Identify, describe and explain how hurricanes form and why they present such a threat to the people of Florida</li> <li>• Locate, describe and explain why the Everglades are a National Park.</li> </ul>

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<b>SPANISH</b>	The European currency and countries that share it. European towns and countries. Capitals of Europe. Spanish main holidays and traditions.
<b>RELIGIOUS EDUCATION/PERSONAL &amp; SOCIAL DEVELOPMENT</b>	Making time and sacrifices for God, e.g. fasting, praying, pilgrimages Respect for each other God in various forms
<b>INFORMATION &amp; COMMUNICATION TECHNOLOGY</b>	Collecting, Analysing, Evaluating Real World Data - Solve a variety of problems using data Logging tools and spreadsheet chart tools to analyse data collected. Shaping the Digital World - Pupils model, simulate, control and program a variety of objects in the Kodu programming interface to produce a computer game.
<b>PHYSICAL EDUCATION</b>	Short Tennis: Revisit forehand strokes. Underarm serve, play and umpire short game. Athletics: Athletic events to include sprinting, hurdling, standing long jump, throwing. Prepare for Sports Day. English Schools Athletics Awards for 50m & throwing.
<b>GAMES</b>	Girls - Rounders: Introduction to core skills. Batting, fielding, running, throwing and catching. Adapted and full games of rounders. Boys – Cricket, cricket skills.
<b>MUSIC</b>	Confidently sing songs with good pitch matching and control within a widening pitch range with actions.  Pentatonic music: To explore the music of China and develop glockenspiel playing technique. To be able to perform a Chinese folk song with a melody and ostinato part, and to link story writing to composition through the creation of a piece of pentatonic programme music.
<b>ART &amp; DESIGN</b>	Flavouring Food and Container Design: We will be learning about how we can add flavour to our food using fresh herbs. We will grow our own herbs and upcycle a container, in the style of Romero Britto.
<b>SPEECH &amp; DRAMA</b>	Continue to develop expression, vocal clarity and dynamics in preparation for the speech festival. Individuals to choose and explore their own poem.
<b>STUDY SKILLS</b>	Development of verbal and non-verbal reasoning skills.