



MAYFIELD PREPARATORY SCHOOL
SUMMER TERM 2026 PROGRAMMES OF STUDY FOR UPPER II



MATHEMATICS

Statistics

- Read and interpret pie charts
- Pie charts with percentages
- Mean, mode, median and range
- Time & Timetables

Geometry- Properties of shape

- Measure and classify angles
- Calculate angles
- Vertically opposite angles
- Angles in a triangle
- Angles in quadrilaterals
- Angles in polygons
- Circles
- Draw shapes accurately
- Nets of 3D shapes

Probability

- Understand basic probability
- Record events using language of likelihood
- Record chance out of 1
- Record probability as a fraction
- Solve problems involving probability

Speed, time & distance

- Understand the link between each
- Solve problems involving time, speed and distance

Profit and loss

- Understand the meaning of profit and loss
- Solve problems involving profit and loss

Radius and diameter

- Know the parts of a circle
- Calculate the radius or diameter when given the other

Misleading graphs

- Understand how and why graphs might be misleading

Statistics

- Time differences
- Timetables



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<p>ENGLISH</p>	<p><u>Reading (Comprehension):</u> Class Reader: Goodnight, Mr Tom by Michelle Magorian Reading:</p> <ul style="list-style-type: none"> • Explain characters' actions using evidence and inference • Track character development across a longer narrative • Understand how historical context influences events • Discuss themes sensitively and thoughtfully <p><u>Handwriting</u> Writing must be in a clear and legible joined style. With letters the correct size in relation to each other and sitting on the line. Work is expected to be completed in pen.</p> <p><u>Writing: (Composition)</u></p> <ul style="list-style-type: none"> • Write convincingly in role and viewpoint • Use varied sentence structures deliberately • Select precise vocabulary for effect • Apply figurative language appropriately • Edit writing for impact, clarity, and accuracy <p><u>Tasks:</u></p> <ul style="list-style-type: none"> • Tom's diary – character voice • Willie's nightmare – atmosphere • Persuasive letter – formal tone • Newspaper report – non-fiction structure • Zach's final letter – emotion • Internal monologue – trauma • Setting description – imagery • Reflective ending – maturity <p><u>Grammar:</u></p> <ul style="list-style-type: none"> • Fronted adverbials • Relative clauses • Subordinate clauses • Modal verbs • Colons and dashes for effect <p>Punctuation:</p> <ul style="list-style-type: none"> • Dialogue punctuation • Paragraphing • Commas for clarity • Ellipsis <p>Literary Devices:</p> <ul style="list-style-type: none"> • Metaphor and simile • Personification • Symbolism • Repetition • Contrast Formal and informal language use • Ring structure
<p>SCIENCE</p>	<p><u>Habitats</u> Reproduction in flowering plants Life cycle of a plant Lifecycles of insects and amphibians Lifecycles of birds Lifecycles of mammals <u>Animals including Humans</u></p>



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	<p>Describe the stages of human development Explain how babies grow and develop Describe and explain the main changes that occur during puberty Identify the changes that take place in old age. Report findings from enquiries Record complex data using graphs and models and identify the relationship between variables</p>
HUMANITIES:	<p>Children will study the causes, key events and consequences of the First and Second World Wars. Learning will begin with an exploration of the lead-up to the First World War, including the assassination of Archduke Franz Ferdinand and the experiences of soldiers in trench warfare. Pupils will then examine the Paris Peace Conference and the Treaty of Versailles, considering how these contributed to ongoing tensions in Europe. The unit will continue with a study of the challenges faced during the 1920s, the rise of Adolf Hitler and the Nazi Party, and the events leading to the outbreak of the Second World War, including the 'Phoney War' and the Battle of Britain. Children will also develop an age-appropriate understanding of the Holocaust and its impact. Learning will be meaningfully linked to our class reader, <i>Goodnight, Mr Tom</i> by Michelle Magorian, and to our RE topic on Judaism, supporting pupils in understanding historical context, empathy, and the importance of tolerance and respect.</p>
RELIGIOUS EDUCATION	<p>Children will learn about the key beliefs, practices and cultural features of Judaism, developing an understanding of Jewish identity and community. This learning will be thoughtfully linked to our History sub-topic on the Holocaust, helping pupils explore the impact of this historical event in a sensitive and age-appropriate way. Connections will also be made to our class reader, <i>Goodnight, Mr Tom</i> by Michelle Magorian, enabling children to deepen their understanding of the historical context, themes of empathy and tolerance, and the experiences of individuals affected by prejudice and conflict.</p>
PERSONAL & SOCIAL DEVELOPMENT	<p>Children will continue to develop and refine their mindfulness and meditation practices, building on the breathing and relaxation techniques introduced last term. Pupils will explore a range of strategies, including box breathing and guided visualisation, to support focus, emotional regulation, and wellbeing.</p> <p>Within this session, children will also take part in a 'Read and Share' activity, where they will give short verbal book reviews and recommendations based on their current independent reading. This will help to develop speaking and listening skills, encourage a love of reading, and promote confident discussion and reflection within the class.</p>
PHYSICAL EDUCATION	<p>Short Tennis – ground strokes, volley, scoring. Participate in class tournament. Athletics – 80m hurdles, throwing, 600m, standing long jump. Prepare for Sports Day Rounders: core skills, adapted and full games of rounders. Cricket: core skills, adapted and full games of cricket. Continue post lockdown fitness work, combine with Athletics disciplines.</p>
ART & DESIGN	<p>To design and make a felt keyring, using sewing skills. To learn about the art movement, surrealism and the artwork of Salvador Dali.</p>



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COMPUTING	Research skills and safer internet conduct linked to our History Topic on the Two World Wars.
MUSIC	Introduce Looking at the style with its rhythms in Samba music and music of other festivals. Observe the kinds of instruments used in festivals discuss and evaluate reasons for their use. Continue to learn and review songs to be sung in Assemblies. Continue having short sessions on the recorder.
CLASSICAL STUDIES	Introduction to the Ancient Greek language and culture: <ul style="list-style-type: none">• To learn the Ancient Greek alphabet• To learn about Ancient Greek theatre, poetry, philosophy and the language involved• To learn about Ancient Greek myths and legends, Gods and Goddesses, city states and their wars
STUDY SKILLS	Developing knowledge and techniques for exams. Revision and targeted intervention for identified weaknesses. Verbal reasoning skills: PATTERNS AND FUNCTIONS Codes <ul style="list-style-type: none">• Number ciphers;• Symbol ciphers; Sequences <ul style="list-style-type: none">• Number sequences;• Letter sequences;• Ordering words; Logic <ul style="list-style-type: none">• Statement logic;• Deductions;• Number logic;• Letter logic; Number <ul style="list-style-type: none">• Find the calculation; Algebra <ul style="list-style-type: none">• Balance the equation;• Substitution Non-verbal reasoning skills: <ul style="list-style-type: none">• Revision of all areas with an Atom focus on the topics that most find difficult. Individual revision based on analysis of test papers Test practice involving all question types