

MAYFIELD PREPARATORY SCHOOL
SUMMER TERM 2023 PROGRAMMES OF STUDY FOR LOWER II

MATHEMATICS	<p>Number: Fractions</p> <ul style="list-style-type: none">• Understand the whole• Fractions and scales• Fractions on a number line• Equivalent fractions as bar models• Count beyond one• Partition a mixed number• Understand improper fractions• Equivalent fraction families• Add two or more fractions• Subtract two fractions• Unit fractions of a set of objects• Non-unit fractions of a set of objects <p>Measurement: Money</p> <ul style="list-style-type: none">• Understand and convert pounds and pence• Add and subtract money• Find change <p>Measurement: Time</p> <ul style="list-style-type: none">• Roman numerals to 20• Tell the time to 5 minutes• Tell the time to the minute <p>Geometry: Shape</p> <ul style="list-style-type: none">• Turns and angles• Measure and draw angles• Horizontal and vertical• Parallel and perpendicular• Recognize and describe 2D shapes• Draw polygons <p>Statistics</p> <ul style="list-style-type: none">• Interpret and draw pictograms• Interpret and draw bar charts• Collect and represent data• Two-way tables
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<p style="text-align: center;">ENGLISH</p>	<p>Class Reader: How to Train Your Dragon. Children will compare books by the same author and write a biography of Cressida Cowell. Children will continue to work on retrieval and inference skills and summarising the text. They will compare characters and write descriptions.</p> <p>Children to write a mini story. Children will use their own 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, a discussion text, wanted posters, letters to the King for the coronation and a myth. Children will edit and improve their writing.</p> <p>Grammar: paragraphs for narratives, non-fiction and biographies, suffixes, prefixes, word families, dictionary work. Recap tenses for verbs, prepositions and subordinate clauses.</p>
<p style="text-align: center;">SCIENCE</p>	<p><u>Plants</u> – Children will be identifying and describing the functions of different parts of flowering plants.</p> <p>Children will explore what plants need to survive and the seven life processes.</p> <p>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>To keep and complete a diary growing a sunflower</p> <p><u>Famous scientists-</u> Children will study some famous scientists such as William Smith and Inge Lehmann.</p>
<p style="text-align: center;">HUMANITIES</p> <p style="text-align: center;">History</p>	<p>How did the arrival of the Romans change Britain?</p> <p>Identify and describe the modern-day countries of Europe and North Africa which formed part of the Roman Empire</p> <p>Understand through explanation the motives for Emperor Claudius to invade and occupy Britain in AD 43;</p> <p>Interpret primary sources of historical evidence to describe the physical appearance of Boudica and make a judgment about the causes and effects of her harsh treatment by the Romans;</p> <p>Compare and contrast the armies of Boudica and the British Roman governor Paulinus and predict the likely outcome of their battle and justify their decision;</p> <p>Understand through explanation the difference between historical evidence and legends and folklore;</p> <p>Distinguish between historical evidence and legend and folklore in relation to the 'historical' figures of King Arthur or Robin Hood;</p> <p>Explain what the content of letters written in the first century tells us about the lives of high-status and wealthy Romans in Britain;</p> <p>Identify and describe the main design features of Hadrian's Wall and explain why it proved necessary for Emperor Hadrian to order its construction in AD 122;</p>

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<p style="text-align: center;">Geography</p>	<p>Identify and describe the key features of the layout of typical Roman towns in Britain and explain why historians know so much about how they were designed and built;</p> <p>Describe what a gladiator was and what occurred at gladiatorial games;</p> <p>Explain who ianistae were and why they owned and trained gladiators in private schools;</p> <p>Understand through explanation why the Romans went to so much effort and expense in organising gladiatorial games for the lower classes or plebeians;</p> <p>Explain why some Romans held different perspectives about gladiatorial games and how they justified their viewpoints.</p> <hr/> <p>How and why is my local area changing?</p> <p>Identify, describe and give reasons for why environments change;</p> <p>Explain with examples how some environmental change may be the result of natural events whilst other change may be the result of deliberate human activity to improve the quality of life;</p> <p>Observe, record and explain changes that have occurred in the past to the school and its grounds and its immediate environment;</p> <p>Identify, describe and explain how an aspect of life in the local area has changed over a long period of time, or how the locality has been affected by a significant national or local event or development, or the work of a significant individual;</p> <p>Demonstrate understanding of how the quality of the environment may change within the local area and make judgements to explain observations;</p> <p>Recognise how remote sensing by satellites and satellite images inform geographers of environmental change on a global scale and identify and explain specific examples of change from NASA images of locations around the world;</p> <p>Describe and explain the impact of environmental change in one threatened region of the world.</p>
<p style="text-align: center;">FRENCH</p>	<p>Our School Classroom Subjects Around School Time Bastille</p>
<p style="text-align: center;">RELIGIOUS EDUCATION</p>	<p>Sikhism-founder, beliefs, place of worship, Holy book, festivals, and symbols.</p>
<p style="text-align: center;">PERSONAL & SOCIAL DEVELOPMENT</p>	<p>Aiming High-setting and achieving targets, thinking about moving into next class.</p>
<p style="text-align: center;">INFORMATION & COMMUNICATION TECHNOLOGY</p>	<p>Simulations Branching Databases Power point presentations</p>

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PHYSICAL EDUCATION GAMES	Athletics Short tennis Rounders Cricket
MUSIC	Communication-composition, Represent sounds with symbols, using voices creatively and expressively, Create and perform using traditional music symbols. Continue with sessions on the recorder to intermediate level; For children to create a short melodic piece for the recorder or tuned instrument. Look at and listen to Music used for the King's Coronation
ART & DESIGN	To plan, prepare and eat a Roman banquet. To create a model of an aqueduct. To create Roman mosaics.
STUDY SKILLS	Development of verbal and non-verbal reasoning skills.