

MAYFIELD PREPARATORY SCHOOL
SUMMER TERM 2021 PROGRAMMES OF STUDY FOR LOWER II

MATHEMATICS	<p>The children will learn about:</p> <ul style="list-style-type: none"> • Decimals: Compare and order numbers up to two decimal places. Round decimals with one decimal place to the nearest whole and solve problems. • Measurement: Money. Estimate, compare and calculate different measures, including money in pounds and pence. Solve simple measure and money problems involving fractions and decimals to two decimal places. • Measurement: Time. Hours, minutes and seconds. Years, months, weeks and days. Analogue to digital – 12 hour and 24-hour. • Statistics: Solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs. Interpret charts and line graphs. • Geometry: Properties of shape. Identify, compare and order angles. Triangles and quadrilaterals. Lines of symmetry and symmetric figures. • Geometry: Position and direction. Describe position and movement on a grid. Draw and move on a grid. • Problem Solving Investigations
ENGLISH	<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 inference skills and summarising the text. They will compare characters and write setting 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 non-chronological report, persuasive adverts, letters and a myth. Children will edit and improve their writing.</p> <p>Grammar: paragraphs, suffixes, prefixes, word families, dictionary work. Recap tenses for verbs, prepositions and subordinate clauses</p>
SCIENCE	<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>
HUMANITIES History Geography	<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>

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	<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> <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>
	<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>
FRENCH	<p>Our School Classroom Subjects Around School Time Bastille</p>
RELIGIOUS EDUCATION	<p>Sikhism-founder, beliefs, place of worship, Holy book, festivals, and symbols.</p>

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	Judaism -founder, beliefs, place of worship, Holy book, festivals, and symbols.
PERSONAL & SOCIAL DEVELOPMENT	It's my body-health and personal welfare Aiming High-setting and achieving targets
INFORMATION & COMMUNICATION TECHNOLOGY	Presentation-branching story on Power point Using and applying-using skills learnt across the year for a mini project
PHYSICAL EDUCATION	Athletics Short tennis Rounders Cricket
MUSIC	Communication-composition, Representing sounds with symbols, using voices creatively and expressively, Creating and performing from a symbol score. The Human Body-Structure, understanding call and response structure, performing word rhythms, exploring sounds, singing in two parts, performing call and response structure, exploring sounds, Understanding, and performing binary form, Performing call and response Ancient Worlds-Structure, Exploring tuned and untuned percussion to create soothing, repetitive music based on ostinati, singing a song and accompanying it with tuned percussion ostinato, exploring musical phrases, melodic imitation, and rounds, performing a round in three parts, Arranging an accompaniment with attention to balance and musical effect Food and drink- Exploring simple accompaniments using beat and rhythm patterns, using a score and combining sounds to create different musical textures, Exploring different types of accompaniment.
ART & DESIGN	Food Technology Growing our own herbs and flavouring food
STUDY SKILLS	Development of verbal and non-verbal reasoning skills through using Atom learning online.