

MAYFIELD PREPARATORY SCHOOL
SUMMER TERM 2022 PROGRAMMES OF STUDY FOR FORM II

<p>MATHEMATICS</p>	<p>The children will learn about:</p> <ul style="list-style-type: none"> • Percentages: Understanding percentage and know percentage as fractions and decimals. • Decimals: Adding and subtracting decimals within 1, complements to 1 and crossing the whole. Adding and subtracting decimals with a different number of decimal places. Decimals sequences. Multiplying and dividing decimals by 10, 100 and 1000. • Geometry: Properties of Shape. Identify, compare and order angles. Measure angles with a protractor. Draw lines and angles. Calculate angles. Regular and irregular polygons. Reasoning about 3D shapes. • Geometry: Position and Direction. Position in the first quadrant, translation, reflection and coordinates. • Measurement: Converting Units. Kilograms and kilometers, millimeters and milliliters, metric units, imperial units and timetables. • Measurement: Volume. What is volume? Compare and estimate volume. Estimate capacity. • Problem Solving • Investigations
<p>ENGLISH</p>	<p>Reading: to gain information, for pleasure, to increase vocabulary and understanding. Reading focus: fluency and expression. This term text will be 'Kaspar Prince of Cats'.</p> <p>Writing: This term there will be a focus on writing linked where appropriate to the text. Working on developing sentences to include subordinate clauses and detailed descriptions through a range of fiction and non-fiction writing including a recount, persuasive writing, a newspaper and a diary entry. Exploring information leaflets and creating their own on Warwick Castle.</p> <p>Grammar and punctuation: Continuing work on clauses particularly identifying and using main and subordinate clauses. Correctly using the apostrophe for contraction and possession. Identifying and using possessive pronouns, recap nouns. Examining cohesive devices when writing to-avoid repetition.</p> <p>Spelling: weekly word lists and tests.</p> <p>Comprehension: continued development of inferential skills and learning to 'read between the lines', layout and presentation of texts, including fiction, non-fiction and poetry.</p> <p>Handwriting: Continue to develop writing in a clear joined up script in ink. Ensuring letters are formed correctly, with clear ascenders and descenders and of a correct size in relation to each other.</p>
<p>SCIENCE</p>	<p>Living Things and their Habitats - Children will be able to recognise that living things can be grouped in a variety of different ways with the aid of classification keys. Using classification keys, they will explore the things in our school and group them. Children will be to understand that environments can change and that this can sometimes pose dangers to living things.</p>
<p>HUMANITIES: History</p>	<p>Why were castles so important to the Normans?</p>

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<p>Geography</p>	<p>Sequence the events which occurred in Normandy and Sussex on October 13th -14th 1066. Explain why William the Conqueror decided to invade and occupy England. The features of a typical Norman Motte and Bailey castle. Why the design of Norman castles began to change after William gained control over most of England. Different purposes of Norman castles. Why it was so difficult for the Anglo Saxons to successfully attack a Norman castle. The different parts of a Norman castle keep. How the lives of children in Norman England were very different depending on the section of society to which they belonged – nobility and commoners. Why the remains of Norman castles in modern Britain attract millions of visitors and tourists a year.</p> <p>Why do so many people in the world live in megacities? The key features of cities and suggest reasons for why people live in cities of such high density. The distribution of megacities across the continents of the world. Why Baghdad was the first city in the world with a million inhabitants. The top 10 cities in the United Kingdom with the largest populations and compare these with the top 10 fastest-growing cities in the country. Why the population of any city can increase and explain why Milton Keynes in particular is the fastest-growing city in the United Kingdom. Locate the largest cities in South America. Offer reasons for the features of the city of Brasília, capital of Brazil. Why the Brazilian government built a new capital city in 1960. The benefits and disadvantages of city life and reach a judgement as to which is most significant. Some of the main geographical features of one of the top 40 megacities in the world.</p>
<p>RELIGIOUS EDUCATION</p>	<p>Christianity: This unit of work will explore the key aspects of the Christian faith. Finding out where Christianity originated, about special places linked to Christianity and about key festivals in Christian life. Learning about symbols in Christianity, the Christian holy book and the main beliefs held by Christians.</p>
<p>PERSONAL & SOCIAL DEVELOPMENT</p>	<p>Safety First: Thinking about what it means to take responsibility of our own safety. How can we make the right decisions, looking at what is peer pressure and how we can stand up to it in a range of situations. Learning about everyday risks, hazards and dangers and what to do in risky or dangerous situations, thinking about how to stay safe by looking at roads, rail and water safety and dangerous substances: drugs</p>

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	(including medicines), cigarettes and alcohol. Looking at basic first aid, exploring how to deal with common injuries and what to do to respond to emergency situations.
PHYSICAL EDUCATION	Short Tennis: Core skills, scoring, single matches. Athletics: Preparation for Sports Day. Sprinting, relays, throwing, standing long jump Games: Rounders – core skills, simplified games leading to full game. Cricket – core skills, adapted games leading to full game.
ART & DESIGN	To develop sewing skills. Looking at work of Monet.
INFORMATION & COMMUNICATION TECHNOLOGY	Coding-Use Purplemash to code programs using a variety of functions.
MUSIC	Contribution to Jubilee celebrations – music in the 1950's Learning simple technique of playing the tuned percussion instruments xylophone / glockenspiel. Introductions to Music theory: scales, arpeggios, major and minor scales with a view to creation music in groups from a given starting point. Continue to review and learn songs old and new to be sung in school assemblies.
FRENCH	Explaining about feeling unwell and what hurts Adjectives to describe jungle animals Weather phrases Ice cream flavours
STUDY SKILLS	Work will take place on the Atom Learning platform and in class sessions <u>Verbal Reasoning:</u> <ul style="list-style-type: none"> • making sentences make sense- muddled sentences • Cloze sentences • Reordering and rearranging letters • Codes • Letter codes <u>Non Verbal Reasoning:</u> <ul style="list-style-type: none"> • 2D shapes, parts within a shape • 2D shapes following folds • 3D shapes, Nets and cubes • 3D shapes – rotation and reflection • 3D shapes parts within a shape • 3D shapes Nets from above