

CURRICULUM INFORMATION : JUNIOR 4
MICHAELMAS TERM 2019



Mathematics	English	Science
<p>Topic/s: Place value, Four Rules of Number, Measurement (Length & Perimeter)</p> <p>Aim/s:</p> <ul style="list-style-type: none"> To understand positive numbers (up to at least 1000), and negative numbers, developing concept of place value. To explore and use a range of mental arithmetic strategies, develop multiplication knowledge of tables including: up to x7, x8, x10, x25, x100 and x1000. To develop fluency in four operations, including number facts and place value using pictorial, concrete and abstract concepts. To use measuring instruments and read scales with accuracy and make connections between metric measurements. To calculate perimeter and area using metric measurements linked to everyday life. <p>Skills: Through their learning pupils will develop the skills of: Fluency within number; mental and efficient written methods; estimation; comparison; rounding; problem solving; reasoning; persistence and resilience.</p> <p>Subject teacher/s: Mrs T Hill - Mrs Jackson-Mayne - Mrs Wildey</p>	<p>Topic/s: Familiar settings, Explanation, Legends, Poetry</p> <p>Aim/s:</p> <ul style="list-style-type: none"> To describe a setting using adjectives and adjectival phrases. To use words and phrases that capture the reader's interest and imagination. To organise paragraphs around a theme. To use punctuation for effect. To identify how language, structure and presentation contribute to the meaning of a text and explain the meaning of individual words in context. To apply spelling rules to independent writing. To develop a legible and cursive handwriting script. <p>Skills: Through their learning pupils will develop the skills of: Reading with fluency and understanding; transference of spelling skills; writing for different audiences.</p> <p>Subject teacher/s: Mrs Horan - Mrs Jackson-Mayne - Mrs Wildey</p>	<p>Topic/s: Animals including Humans, Electricity</p> <p>Aim/s:</p> <ul style="list-style-type: none"> To know the different kinds of human teeth and understand how the shape of teeth is linked to their function. To know how we can care for our teeth. To consolidate knowledge of the digestive system. To know how to construct simple circuits. To develop and apply knowledge and understanding of switches in model making. To develop and apply understanding of conductors and insulators. <p>Skills: Through their learning pupils will develop the skills of: Applying scientific knowledge to answer questions; using results to draw simple conclusions; gathering, recording and presenting data; setting up simple practical enquiries, comparative and fair tests.</p> <p>Subject teacher/s: Mr Lamprecht</p>
History	Geography	RE
<p>Topic/s: Romans</p> <p>Aim/s:</p> <ul style="list-style-type: none"> To place Romans in their correct place in History. To appreciate the legends and origins of Rome. To know where the Romans came from and when and why they came to Britain. To know the problems suffered by the Celts at the hands of the Romans and the reasons for the rebellion. To learn about Queen Boudicca. To understand the organisation and discipline of the Roman Army by using primary and secondary sources. To know how towns were built and about their amenities. <p>Skills: Through their learning pupils will develop the skills of: Understanding the methods of historical enquiry; using primary and secondary sources; interpreting the past; making connections with other historical events.</p> <p>Subject teacher/s: Mrs Jackson-Mayne - Mrs Wildey</p>	<p>Topic/s: Natural Disasters</p> <p>Aim/s:</p> <ul style="list-style-type: none"> To know about different types of Natural Disaster. To know the layers of Earth. To understand how and why earthquakes occur. To know what to do in an earthquake and appreciate the enormous effects earthquakes can have on places. To know the main features of a volcano. To appreciate how and why a 'Tsunami' is formed. <p>Skills: Through their learning pupils will develop the skills of: Comparing, contrasting and analysing to draw conclusions or to speculate; developing investigative skills to increase awareness of places around the world; understanding how and why natural disasters occur.</p> <p>Subject teacher/s: Mr Vaughan</p>	<p>Topic/s: Creation, Prayer, Advent and Christmas</p> <p>Aim/s:</p> <ul style="list-style-type: none"> To be familiar with different stories of Creation. To recognise the gift of prayer. To understand why we recall the ancestors of Jesus during Advent. To know the important message of love at Christmas and understand the Church's customs. <p>Skills: Through their learning pupils will develop the skills of: Reading; discussing; researching and thinking to explore their own faith and the faith of others.</p> <p>Subject teacher/s: Mrs Jackson-Mayne</p>

Music	PE & Games (boys)	PE & Games (girls)
<p>Topic/s: A Short Ride In A Fast Machine, Recorder, Young Voices</p> <p>Aim/s:</p> <ul style="list-style-type: none"> To compose an ostinato piece based on 'A Short Ride In A Fast Machine'. To revise knowledge of music notation in Vamoosh Recorder Book 2. To perform in Assembly. To learn and perform all the songs for the Young Voices concert in 2020. <p>Skills: Through their learning pupils will develop the skills of: Composition; performance; listening; appraising; music notation.</p> <p>Subject teacher/s: Mrs Olden</p>	<p>Topic/s: Contact Rugby</p> <p>Aim/s:</p> <ul style="list-style-type: none"> To be able to pass a ball from hands to target, whilst moving. To understand how to pass a ball down a line of attack. To know how to tackle safely. To safely, and accurately, present the ball. To understand how to support a player with the ball. To be able to avoid being tackled through use of speed, side step and passing. <p>Skills: Through their learning pupils will develop the skills of: Team work; passing; rules of rugby; positional understanding; safe and fair play; speed; agility.</p> <p>Subject teacher/s: Mr Cottrill - Mr Stedeford - Mr Vaughan</p>	<p>Topic/s: Hockey</p> <p>Aim/s:</p> <ul style="list-style-type: none"> To be able to stop and control a ball with consistency and whilst moving. To know how to push a ball with accuracy towards another person, whilst moving. To develop the ability to slap the ball at pace in the direction of another person using a close hand grip. To move at a run, with the ball keeping close to the stick. To try and maintain a low, strong body position through all elements of play. To be able to time a tackle in order to take the ball cleanly. <p>Skills: Through their learning pupils will develop the skills of: Team work; passing; trapping; rules of hockey; positional understanding; peer evaluation.</p> <p>Subject teacher/s: Mrs Malcolm - Mrs Vaughan</p>
Art	Design & Technology	Computing
<p>Topic/s: Roman Art, Moon Art, Christmas Cards</p> <p>Aim/s:</p> <ul style="list-style-type: none"> To research and discover about Roman pots and their decorative features. To make a Roman pot using slabs and coils of clay. To decorate a Roman pot using the 'sgraffito' method. To explore the history of the moon landing and make a piece of artwork in response. To design and make a Christmas card. <p>Skills: Through their learning pupils will develop the skills of: Handling clay; designing using clay; evaluating work.</p> <p>Subject teacher/s: Mrs Clark</p>	<p>Topic/s: Roman Weaponry</p> <p>Aim/s:</p> <ul style="list-style-type: none"> To research and discover about Roman shield designs. To use prior knowledge to design a Roman-style shield. To produce a mini-shield based on a design, using card and paint to decorate the final piece. <p>Skills: Through their learning pupils will develop the skills of: Researching; image transfer; working with different media; evaluating.</p> <p>Subject teacher/s: Mrs Clark</p>	<p>Topic/s: Online Safety, ICT Core Skills</p> <p>Aim/s:</p> <ul style="list-style-type: none"> To know the importance of online safety. To know how to keep safe and act responsibly online. To create a Powerpoint using text, images and hyperlinks. To create and respond to emails. To develop touchtyping speed and accuracy. <p>Skills: Through their learning pupils will develop the skills of: Online safety; organising storing and manipulating digital content; desktop computer and iPad familiarity; communication & presentation within ICT.</p> <p>Subject teacher/s: Mrs T Hill - Mrs Lammas</p>
French	Mandarin	Drama
<p>Topic/s: Planets, Counting, Passage of Time</p> <p>Aim/s:</p> <ul style="list-style-type: none"> To give details about yourself using the correct verb forms. To count from 1 to 31. To greet different people at different times of the day. To name and describe the planets in our solar system. To name the days of the week, months of the year and write the date in French. <p>Skills: Through their learning pupils will develop the skills of: Listening; speaking; reading; writing.</p> <p>Subject teacher/s: Madame Tatton</p>	<p>Junior 4 do not learn Mandarin.</p>	<p>Topic/s: LAMDA</p> <p>Aim/s:</p> <ul style="list-style-type: none"> To practise confident interaction and communication. To work creatively as a group. To learn how to be a good audience. To learn to communicate the meaning of a poem meaning effectively to others. To learn a poem(s) from memory To understand the words and describe the meaning and mood of a poem. <p>Skills: Through their learning pupils will develop the skills of: Building confidence; working together; listening; clear diction; imagination; performance; presenting using actions and props; conversing and speaking aloud.</p> <p>Subject teacher/s: Mrs Paphitis - Mrs Wildey</p>

PSHECE	Home School links	Homework
<p>Topic/s: Protective Behaviours</p> <p>Aim/s:</p> <ul style="list-style-type: none"> • To understand our rights, responsibilities and feelings. • To understand safe and unsafe feelings, including 'Early Warning Signs'. • To know my safe network and how to use it. • To understand safe and unsafe secrets. • To feel confident to talk about worries. <p>Skills: <i>Through their learning pupils will develop the skills of:</i> Understanding myself; my feelings and my universal right to feel safe; knowing how and when to seek help; developing friendships and safety networks beyond home.</p> <p>Subject teacher/s: Mrs Jackson-Mayne - Mrs Wildey</p>	<ul style="list-style-type: none"> • Regular, ongoing multiplication tables practice. • Read with, and hear, your child daily. • Explore new vocabulary. 	<ul style="list-style-type: none"> • Weekly spellings (set each Friday for a test the following Friday). • Weekly maths mental activity such as Mathletics and Maths Passports. • VR homework (set fortnightly on a Wednesday, and handed in on a Friday). • Weekly written maths linked to learning and lessons (set on Wednesday, to be handed in the following day). • Weekly English task - alternate comprehension or writing activity (set on a Friday, to be handed in following Monday).