

Y5 Curriculum Overview

	Autumn	Spring	Summer
Mathematics PowerMaths	Power Maths Textbook 5A <ul style="list-style-type: none"> Number – place value within 1,000,000 Number – addition and subtraction Number – multiplication and division Number - fractions 	Power Maths Textbook 5B <ul style="list-style-type: none"> Number – multiplication and division Number – fractions Number – decimals and percentages Measure – perimeter and area Statistics – graphs and tables 	Power Maths Textbook 5C <ul style="list-style-type: none"> Geometry – properties of shapes Geometry – position and direction Number – decimals Number – negative numbers Measurement – volume and capacity
Writing	<p>Boy at the Back of the Class Write a diary entry in character as Ahmet on his first day at his new school. Purpose: entertain Audience: children aged 10-12 Text type: narrative – diary entry</p> <p>UN Rights of the Child - Article 22 To write a balanced argument /discussion text about a modern day issue (immigration & the refugee crisis). Purpose: discuss Audience: the Prime Minister Kier Starmer Text type: non-fiction – balanced argument</p> <p>Tyger, tyger burning bright Poetry Study - the use of questions for effect and language choices in William Blakes poem. Children to write their own stanza and perform the poem as a class. Purpose: entertain Audience: Y5 parents Text type: poetry</p>	<p>Strange World Descriptive writing inspired by the Strange World film. Purpose: entertain Audience: Y5 classmates Text type: narrative – descriptive writing of an imaginary world</p> <p>Eat the Seasons Informal and formal letter writing about the importance of eating seasonally. Purpose: persuade Audience: Senior Leadership Team and the school kitchen team Text type: non-fiction – informal & formal letter writing</p> <p>Wicked World Focus Poet - to learn and perform poems by Benjamin Zephaniah. Purpose: entertain Audience: visitors to the school website Text type: performance poetry</p>	<p>Leo and the Gorgons Curse Heroic narrative writing inspired by Leo and the Gorgons Curse by Todd Joe Stanton. Purpose: entertain Audience: Y3 children Text type: narrative – myths & legends</p> <p>Animal Astronauts! Biography about animal astronauts: HAM & Laika the Space Dog. Purpose: inform Audience: children aged 7-11 Text type: non-fiction - biography</p> <p>Life doesn't frighten me Poet Study – poems by Maya Angelou leading to collaborative class poem based on 'Life doesn't frighten me'. Purpose: entertain Audience: pupils, parents & staff Text type: poetry</p>








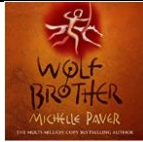
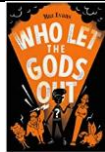


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SOCIAL INTELLIGENCE



ETHICAL LIVES

Reading	<p align="center">Whole Class Reading</p> <p align="center">Text extracts linked to our Writing and Humanities units of work are studied each week following our Whole Class Reading model. Children read texts for fluency, unpick vocabulary and the read for understanding using VIPERS.</p>					
Beautiful Read texts	 <p align="center">Here We Are By Oliver Jeffers</p>  <p align="center">Bronze and Sunflower By Cao Wenxuan</p>	 <p align="center">The Girl of the Ink and Stars By Kiran Millwood Hargrave</p>	 <p align="center">The Secret Garden By Frances Hodgson Burnett</p>  <p align="center">The Great paper Caper By Oliver Jeffers</p>	 <p align="center">The Wolf Brother By Michelle Paver</p>	 <p align="center">Who Let the Gods Out By Maz Evans</p>  <p align="center">The Island at the end of Everything By Kiran Millwood Hargrave</p>	 <p align="center">Holes By Louis Sachar</p>



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Humanities Cornerstones	<p>Here We Are (Geography)</p> <p>This essential skills and knowledge project teaches children about locating map features using a range of methods. They learn about the Prime Meridian, Greenwich Mean Time (GMT), and worldwide time zones and study interconnected climate zones, vegetation belts and biomes. Children learn about human geography and capital cities worldwide before looking at the UK motorway network and settlements. They carry out an enquiry to identify local settlement types.</p> <p>Dynamic Dynasties (History)</p> <p>This project teaches children about the history of ancient China, focusing primarily on the Shang Dynasty, and explores the lasting legacy of the first five Chinese dynasties, some of which can still be seen in the world today.</p>	<p>Sow, Grow and Farm (Geography)</p> <p>This project teaches children about the features and characteristics of land use in agricultural regions across the world, including a detailed exploration of significant environmental areas.</p>	<p>Ground-breaking Greeks (History)</p> <p>This project teaches children about developments and changes over six periods of ancient Greek history, focusing on the city state of Athens in the Classical age, and exploring the lasting legacy of ancient Greece.</p>	
Science Cornerstones	<p>Human Reproduction and Ageing</p> <p>This project teaches children about animal life cycles, including the human life cycle. They explore human growth and development to old age, including the changes experienced during puberty and human reproduction.</p>	<p>Properties and Changes of Materials</p> <p>This project teaches children about the wider properties of materials and their uses. They learn about mixtures and how they can be separated using sieving, filtration and evaporation. They study reversible and irreversible changes, and use common indicators to identify irreversible changes.</p>	<p>Forces</p> <p>This project teaches children about the forces of gravity, air resistance, water resistance and friction, with children exploring their effects. They learn about mechanisms, their uses and how they allow a smaller effort to have a greater effect.</p>	<p>Earth and Space</p> <p>This project teaches children about our Solar System and its spherical celestial bodies. They describe the movements of the Earth and the other planets relative to the Sun, the Moon relative to Earth, and the Earth's rotation to explain day and night.</p>

Art and design Cornerstones		Tints, tones and shades This project teaches children about the visual qualities of line, light and shadow. They explore the work of Pablo Picasso and Rembrandt and are introduced to a range of shading techniques. They take black and white photographs and use pencil, pen and ink wash to reimagine their photographs in a shaded drawing.			Mixed media This project teaches children about paper crafts, papermaking and collage techniques, including paper, fabric, mixed media and photo collage. They use their learning to create a final piece of small-scale, mixed media collage.			Nature's art This project teaches children about the genre of land art. They work outdoors to sketch natural forms and explore the sculptural potential of natural materials before working collaboratively to create land art installations.			
DT Cornerstones				Moving mechanisms This project teaches children about pneumatic systems. They experiment with pneumatics before designing, making and evaluating a pneumatic machine that performs a useful function.			Eat the seasons This project teaches children about the meaning and benefits of seasonal eating, including food preparation and cooking techniques.			Architecture This project teaches children about how architectural style and technology has developed over time and then use this knowledge to design a building with specific features.	
Computing Purple Mash		Online safety Children gain a greater understanding of the impact that sharing digital content can have.	Coding Children create a playable game, begin to understand what a function is and how functions work in code.	Spreadsheets Children use spreadsheets to model a real-life problem.	Databases Children create a database around a chosen topic.	Games creator Children design and create a game environment and design and create a game quest.	3D modelling Children explore the effect of moving points when designing and design a 3D model to fit a certain criteria.	Concept maps Children create a collaborative concept map and present this to an audience.	Word processing Children learn what a word processing tool is and add features to a document to enhance its look and usability.	External devices Children create a program in which an external device can be used to monitor real world conditions.	



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PE Merton	Leadership Children learn the characteristics of being a good sport leader and how to apply these when leading a group of younger pupils.	Athletics (1) Children develop their technical understanding of athletic activity.	Gym (1) Children embed the key gymnastic skills and explore more difficult actions.	Invasion games (1) Children develop skilful attacking and team play.	Dance (1) Children create, perform and watch dances in a range of styles.	Outdoor Adventurous Activities Children learn how to work with and communicate with others to delegate roles within a team.
Music Charanga	Livin' on a prayer This is a six-week Unit of Work. All the learning is focused around one song: Livin' On A Prayer. The material presents an integrated approach to music where games, the dimensions of music (pulse, rhythm, pitch etc), singing and playing instruments are all linked. As well as learning to sing, play, improvise and compose with this song, children will listen and appraise other classic rock songs.	Classroom jazz 1 This is a six-week Unit of Work. It is supported by weekly lesson plans and assessment. All the learning is focused around two tunes and improvising: Three Note Bossa and Five Note Swing	Make you feel my love This is a six-week Unit of Work. All the learning is focused around one song: Make You Feel My Love. The material presents an integrated approach to music where games, elements of music (pulse, rhythm, pitch etc), singing and playing instruments are all linked. As well as learning to sing, play, improvise and compose with this song, children will listen and appraise other Pop Ballads.	The Fresh Prince of Bel Air This is a six-week Unit of Work. All the learning is focused around one song: The Fresh Prince Of Bel-Air. The material presents an integrated approach to music where games, the interrelated dimensions of music (pulse, rhythm, pitch etc.), singing and playing instruments are all linked.	Dancing in the street All the learning in this unit is focused around one song: Dancing In The Street by Martha And The Vandellas.	Reflect, rewind and replay This Unit of Work consolidates the learning that has occurred during the year. All the learning is focused around revisiting songs and musical activities, a context for the History of Music and the beginnings of the Language of Music.



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MFL Mandarin	<p>Hello, how are you? Throughout this unit, children will get to know the basics of Mandarin Chinese. They will learn some useful everyday language including greetings and numbers. They will also be introduced to several new concepts that are key to developing a deep understanding of Mandarin Chinese such as: characters, strokes, radicals and pinyin.</p>	<p>Me and my family Throughout this unit, children will learn to introduce themselves and their families using Chinese. Children will explore dialogues featuring useful sentence structures. They will also explore the relevant methods of negation and questioning using these sentence structures.</p>	<p>Likes and dislikes This unit focuses on two key areas: Describing likes and dislikes and expressing possession using the possessive marker. Children will also explore relevant sentence structures that feature negation and questioning.</p>	<p>Descriptions and habitats During this unit, children will consolidate their use of previously taught target language. They will learn descriptive language. Children will learn many new concrete nouns including the names of animals, body parts and types of food.</p>	<p>Home and school Throughout this unit, children will develop their listening and speaking skills while also adding to their Chinese vocabulary. Children will learn to discuss their home and school.</p>	<p>Consolidation and review Throughout this term, children will review all content taught, they will use their knowledge of Chinese to compose an All About Me report in Chinese.</p>
RE PlanBee	<p>Where does the Christian bible come from? Children will ask and respond to questions about the Bible and to learn about the history of the Bible and some of its features.</p>	<p>Why is Muhammad important to Muslims? Children will find out who Muhammad was and why he is an important figure in Islam and learn about the life of Muhammad and his impact on history.</p>	<p>Jewish worship and community Children will find out about some of the key features of worship in Judaism and understand the significance of prayer in Judaism.</p>	<p>Buddhist worship and beliefs Children will find out who Buddha was and why he is important to Buddhists today and find out about some of the core beliefs and teachings of Buddhism.</p>	<p>Stories of Christianity Children will explore the themes of the Bible and identify familiar stories.</p>	<p>Belief in our community Children will find out about the different beliefs of religious and non-religious communities in our local area.</p>
PSHE Discovery	<p>Healthy and happy relationships Identity and peer pressure off- and online. Positive emotional health and wellbeing.</p>	<p>Similarities and differences Celebrating strengths, setting goals and keeping ourselves safe online</p>	<p>Caring and responsibility How our care needs change and the effects of loneliness and isolation. Ways in which we can show care in the community.</p>	<p>Families and committed relationships The characteristics of healthy, positive and committed relationships, and how these develop as people grow older.</p>	<p>Healthy bodies, healthy minds Our unique bodies and self-acceptance – valuing our bodies and minds; lifestyle habits (including alcohol, tobacco and drugs) and their effects on wellbeing.</p>	<p>Coping with change <i>How puberty changes can affect our emotions and ways to manage this; questions about puberty and change.</i></p>