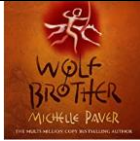
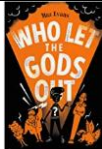


Y5 Curriculum Overview

	Autumn	Spring	Summer
Mathematics PowerMaths	Power Maths Textbook 5A - Number – place value within 1,000,000 - Number – addition and subtraction - Number – multiplication and division - Number - fractions	Power Maths Textbook 5B - Number – multiplication and division - Number – fractions - Number – decimals and percentages - Measure – perimeter and area - Statistics – graphs and tables	Power Maths Textbook 5C - Geometry – properties of shapes - Geometry – position and direction - Number – decimals - Number – negative numbers - Measurement – volume and capacity
Writing	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 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 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	Strange World Descriptive writing inspired by the Strange World film. Purpose: entertain Audience: Y5 classmates Text type: narrative – descriptive writing of an imaginary world 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 Wicked World Focus Poet - to learn and perform poems by Benjamin Zephaniah. Purpose: entertain Audience: visitors to the school website Text type: performance poetry	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 Animal Astronauts! Biography about animal astronauts: HAM & Laika the Space Dog. Purpose: inform Audience: children aged 7-11 Text type: non-fiction - biography 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

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



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Humanities Cornerstones	Here We Are (Geography) 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. Ground-breaking Greeks (History) 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.		Sow, Grow and Farm (Geography) 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.	Industrial Revolution (History) This project is a local history unit.	
Science Cornerstones	Human reproduction and ageing (Living things) This unit builds on pupils' prior learning from What plants do and what they need, where they explored the functions of different plant parts and how plants grow and survive. In Reproduction and life cycles: plants, pupils will learn how plants reproduce and go through life cycles, from seed to mature plant. This prepares them for the next unit, Evolution and inheritance, where they will explore how plants and other organisms evolve over time and pass on traits, deepening their	Human reproduction and ageing (Animals inc Humans) This unit builds on pupils' prior learning from New life, where they explored how animals, including humans, have offspring that grow into adults. In Reproduction and life cycles: animals, pupils will study the life cycles of various animals, including mammals, amphibians, and birds, and understand the stages of growth and reproduction. This prepares them for the next unit, Evolution and inheritance, where they will explore how animals evolve over	Properties and changes of materials 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.	Forces 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.	Earth and space 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.



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	understanding of biological changes across generations.	time and pass on traits, linking reproduction to the broader concepts of inheritance and evolution.			
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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		Eat the seasons This project teaches children about the meaning and benefits of seasonal eating, including		Architecture This project teaches children about how architectural style and technology has developed



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		designing, making and evaluating a pneumatic machine that performs a useful function.		food preparation and cooking techniques.		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.

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.	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	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	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



	As well as learning to sing, play, improvise and compose with this song, children will listen and appraise other classic rock songs.		learning to sing, play, improvise and compose with this song, children will listen and appraise other Pop Ballads.	etc.), singing and playing instruments are all linked.		beginnings of the Language of Music.
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MFL Mandarin	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.	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.	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.	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.	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.	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.
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RE PlanBee	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.	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.	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.	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.	Stories of Christianity Children will explore the themes of the Bible and identify familiar stories.	Belief in our community Children will find out about the different beliefs of religious and non-religious communities in our local area.
PSHE Kapow	How can I support my mind and body as I grow? Understanding how everyday choices can support physical and emotional wellbeing by exploring nutrition, physical activity and self-regulation. Pupils learn to read food labels, identify ways to build more movement into their routines and practise strategies for managing emotions and seeking support when needed.	Why are healthy relationships important? Investigating identity, values and relationships by considering how experiences and beliefs can influence choices and behaviour. Pupils examine the role of commitment and support within families, identify where to seek help if home feels unsafe and develop strategies for building and maintaining healthy friendships.	How am I influenced by what I see online? Considering how online content can influence choices by examining advertising, influencers and persuasive techniques used online. Pupils develop critical thinking skills by considering spending decisions, recognising possible scams and identifying strategies to respond safely to pressure and persuasion.	How can we make a difference in our communities and beyond?	Growing Up: How can I manage the changes to my body and emotions as I grow up? Understanding the physical and emotional changes that happen during puberty, including their impact on feelings, behaviour and relationships. Pupils explore personal hygiene, periods, kindness, respect and personal boundaries, and identify trusted sources of support during puberty.	How can we be in control of our money?



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