

Y3 Curriculum Overview

	Autumn	Spring	Summer
Mathematics PowerMaths	Power Maths Textbook 3A - Number – place value within 1000 - Number – addition and subtraction - Number – multiplication and division	Power Maths Textbook 3B - Number – multiplication and division - Measurement – length and perimeter - Number – fractions - Measurement – mass - Measurement - capacity	Power Maths Textbook 3C - Number – fractions - Measurement – money - Measurement – time - Geometry – properties of shapes - Statistics
Writing	The True Story of Mr Wolf Writing an alternative version of a traditional tale from the point of view of another character. Purpose: entertain Audience: Year 1 children Text type: first person narrative I quit! Complaint letter from the point of view of a new crayon inspired by 'The Day the Crayons Quit' by Drew Daywalt. Purpose: persuade Audience: children aged 4 to 7 Text type: non-fiction - informal letter of complaint On the Ning, Nang Nong! Focus Poet - to learn and perform a selection of silly poems by Spike Milligan. Purpose: entertain Audience: Y3 parents Text type: performance poetry	Traction Man Children to write their own mini-adventure for Traction Man. Purpose: entertain Audience: Y3 classmates Text type: narrative – adventure Eye witness First person report - eye witness recount of a volcanic eruption. Purpose: inform Audience: visitors to the school website Text type: non-fiction – first person recount ERUPTION! Cinquain poetry writing about volcanic eruptions. Purpose: entertain Audience: children & adults around school Text type: poetry - cinquain	Off on an adventure Short story – funny adventure story inspired by Neil Gaiman's 'Fortunately for Milk'. Purpose: entertain Audience: Y4 classmates Text type: narrative – adventure Roman Britain Information leaflet about life in Roman Britain. Purpose: entertain Audience: Y2 children Text type: non-fiction – information leaflet Riddle me this Children to write a riddle about themselves for their new teacher. Purpose: entertain Audience: new class teacher Text type: poetry - riddles



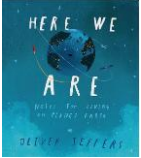
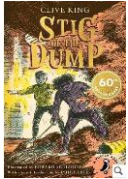
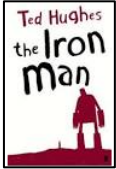
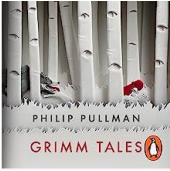
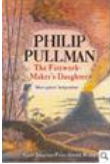
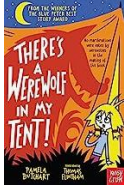
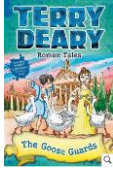
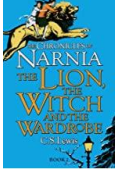
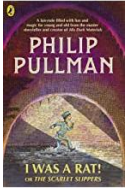
ACADEMIC EXCELLENCE



SOCIAL INTELLIGENCE



ETHICAL LIVES

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  Stig of the Dump By Clive King	 Iron Man By Ted Hughes  Grimm Tales By Philip Pullman	 The Firework Maker's Daughter By Philip Pullman	 There's a Werewolf in my tent! By Pamela Butchart	 Roman Tales By Terry Deary  Stuck! By Oliver Jeffers	 The Lion, the Witch and the Wardrobe By C S Lewis  I was a Rat By Philip Pullman

Humanities Cornerstones	Here We Are (Geography) Here We Are This essential skills and knowledge project teaches children about compass points and four and six-figure grid references. They learn about the tropics and the countries, climates and culture of North and South America. Children identify physical features in the United Kingdom and learn about the National Rail and canal networks. They conduct an enquiry to prove a hypothesis, gathering data from maps and surveys before drawing conclusions. Through the Ages (History) This project teaches children about British prehistory from the Stone Age to the Iron Age, including changes to people and lifestyle caused by ingenuity, invention and technological advancement.		Rocks, Rumbles and Relics (Geography) This project teaches children about the features and characteristics of Earth's layers, including a detailed exploration of volcanic, tectonic and seismic activity.	Emperors and Empires (History) This project teaches children about the history and structure of ancient Rome and the Roman Empire, including a detailed exploration of the Romanisation of Britain.		
	Human and Animal Nutrition This project teaches children about the importance of nutrition for humans and other animals	Human and Animal Skeletons This project teaches children about the role of a skeleton and muscles and identify animals with different types of skeleton.	Rocks This topic teaches children to understand different rocks. It teaches them to compare rocks and think about their properties. The topic also teaches children about fossils and soils. They learn the relationship between both and how soils can be different.	Forces and magnets This project teaches children about contact and non-contact forces, including friction and magnetism. They investigate frictional and magnetic forces, and identify parts of a magnet and magnetic materials.	Plant nutrition and reproduction This project teaches children about the requirements of plants for growth and survival. They describe the parts of flowering plants and relate structure to function, including the roots and stem for transporting water, leaves for making food and the flower for reproduction	Light and shadow This project teaches children about light and dark. They investigate the phenomena of reflections and shadows, looking for patterns in collected data. The risks associated with the Sun are also explored.



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DT Cornerstones			Making it move This project teaches children about cam mechanisms. They experiment with different shaped cams before designing, making and evaluating a child's automaton toy				Greenhouse This project teaches children about the purpose, structure and design features of greenhouses, and compares the work of two significant greenhouse designers. They learn techniques to strengthen structures and use tools safely. They use their learning to design and construct a mini greenhouse.		
Computing Purple Mash	Online safety Children learn what makes a safe password and about the meaning of age restriction symbols on digital media and devices.	Coding Children learn what a flowchart is and how they are used in computer programming.	Spreadsheets Children will collect data and produce a variety of graphs.	Touch typing Children will learn to sit correctly at a keyboard and start practising typing with their left and right hands.	Email Children will open and respond to an email, including how to attach a document and how to email safely.	Branching databases Children will create a branching database of their choice.	Simulations Children will explore, analyse and evaluate a simulation.	Graphing Children will enter data into a graph, solve an investigation and present the results in graphic form.	Presenting Children will learn the skills to design and create an engaging presentation.
Art and design Cornerstones	People and Places This project teaches children about the genre of figure drawing. They study the figure drawings and urban landscapes of the artist LS Lowry and create artwork in his style to show scenes.				Beautiful Botanicals This project teaches children about the genre of botanical art. They create natural weavings, two-colour prints and beautiful and detailed botanical paintings of fruit.	Mosaic Masters This project teaches children about the history of mosaics, before focusing on the colours, patterns and themes found in Roman mosaic. The children learn techniques to help them design and make a mosaic border tile.			



ACADEMIC EXCELLENCE



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ETHICAL LIVES

PE Merton	Swimming Children learn to swim competently, confidently and proficiently over a distance of at least 25 metres	Athletics (1) Children develop good basic running, jumping and throwing techniques.	Swimming Children learn to swim competently, confidently and proficiently over a distance of at least 25 metres	Gym (1) Children continue to explore and improve their gymnastic skills on the floor and using a variety of apparatus.	Swimming Children learn to swim competently, confidently and proficiently over a distance of at least 25 metres	Tennis Children focus on developing their net game skills and how to direct the ball towards a target area.
Music Charanga	Let your spirit fly This is a six-week Unit of Work. All the learning is focused around one song: Let Your Spirit Fly. 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.	Glockenspiel stage 1 This is a six-week Unit of Work that introduces the children to learning about the language of music through playing the glockenspiel. The learning is focused around exploring and developing playing skills through the glockenspiel or if you have previous knowledge, the recorder.	Three Little Birds This is a six-week Unit of Work. All the learning is focused around one song: Three Little Birds. 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	The dragon song This unit focuses on a song by Joanna Mangona and Pete Readman This is a song about kindness, respect, friendship, acceptance and happiness.	Bringing us together This unit focuses on a song by Joanna Mangona and Pete Readman This is a Disco song about friendship, peace, hope and unity.	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.
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	Me and my family Throughout this unit, children will learn to introduce themselves and their families using Chinese.	Likes and dislikes This unit focuses on two key areas: Describing likes and dislikes and expressing possession using the possessive marker.	Descriptions and habitats During this unit, children will consolidate their use of previously taught target language	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	Consolidation and review Throughout this term, children will review all content taught, they will use their knowledge of Chinese to compose an All

	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.	Children will explore dialogues featuring useful sentence structures. They will also explore the relevant methods of negation and questioning using these sentence structures.	Children will also explore relevant sentence structures that feature negation and questioning.	They will learn descriptive language. Children will learn many new concrete nouns including the names of animals, body parts and types of food.	discuss their home and school.	About Me report in Chinese.
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RE Plan Bee	Signs and symbols Children explore the meaning of signs and symbols and find out how symbolic food can be used to remember important events.	Diwali Children learn about the events and meanings in the story of Rama and Sita and learn about the diya and why it is important in the Diwali story.	What do we know about Jesus? Children learn that representations of Jesus vary and to explore some of the reasons for this and find out what Jesus was like as a person from the Gospels.	Jewish celebrations Children recap facts about Judaism and Jewish beliefs and find out about the Jewish festival of Passover and festival of Sukkot.	What is the Bible? Children identify and describe ways in which the Bible is important for Christians and find out how Christians use the Bible at home and at church.	Islamic rites of passage Children understand what Islam is and what the five pillars are, explore Muslim birth ceremonies and naming days and find out about the Islamic wedding ceremony.
PSHE Kapow	How can I take care of my mind and body? Examining the connection between the mind and body by recognising and describing a wide range of emotions and feelings. Pupils identify habits that support healthy sleep, consider the impact of bullying on wellbeing and learn how and where to access support when needed.	What helps us feel safe and included? Recognising their own strengths, qualities and boundaries, pupils develop self-worth and confidence in expressing themselves respectfully. Pupils explore how families and friendships provide support, practise ways to repair friendships and identify different types of bullying and how to respond to them.	How should we communicate online? Exploring online and in-person communication, including respectful behaviour, misunderstandings and how communication can affect safety online. Pupils identify unsafe online situations, consider how to respond to online bullying and apply their understanding to communicate safely and respectfully online.	What rights and responsibilities do we have?	Health protection: How can we prevent illness and injury and respond if they happen?	Citizenship: What careers do people choose and why?