

Y4 Curriculum Overview

	Autumn	Spring	Summer
Mathematics PowerMaths	Power Maths Textbook 4A - Number – number and place value - Number – addition and subtraction - Measurement – area - Number – multiplication and division	Power Maths Textbook 4B - Number – multiplication and division - Measurement – length and perimeter - Number – fractions - Number – fractions (including decimals and percentages)	Power Maths Textbook 4C - Number – fractions (including decimals and percentages) - Measurement – money - Measurement – time - Geometry – properties of shapes - Statistics - Geometry – position and direction
Writing	Arthur and the Golden Rope Children to write their own version of a quest narrative inspired by 'Arthur and the Golden Rope' by Todd Joe Stanton. Purpose: entertain Audience: Children aged 7 to 10 Text type: narrative - quest The Barnabus Project Persuasive writing inspired by the book to write to the CEO of Smyths toy shops about selling all of the toys that are produced. Purpose: persuade Audience: CEO of Smyths toyshop Text type: non-fiction - piece of persuasive writing Beowulf Children to explore and create sound poems inspired by Beowulf. Purpose: entertain Audience: Y4 parents Text type: poetry	The Wind in the Willows Children to write a descriptive story opening inspired by The Wind in the Willows novel and film. Purpose: entertain Audience: Y6 children Text type: narrative - descriptive A River Faction writing about the journey of water from source to mouth inspired by 'A River' by Marc Martin. Purpose: inform Audience: children aged 8-12 Text type: faction (explanation text in a narrative style) Once Upon a Raindrop Free verse poetry writing about water inspired by 'Once Upon a Raindrop' by James Carter. Purpose: entertain Audience: Y4 classmates Text type: poetry – free verse	Things that go bump in the night! Suspense writing inspired by the opening scene in Monsters Inc. Purpose: entertain Audience: children age 5 - 10 Text type: narrative – suspense Mummies! Instructional writing about the mummification process. Purpose: entertain Audience: visitors to the school website Text type: non-fiction - instructions Pyramids Tetractys poem writing about the Egyptian pyramids. Purpose: entertain Audience: pupils, parents & staff Text type: poetry - tetractys



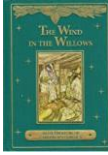
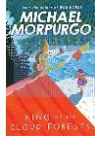
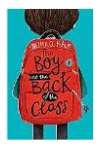
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Reading	Whole Class Reading Text extracts linked to our Writing and Humanities units of work are studied each week following our Whole Class Reading mode I. Children read texts for fluency, unpick vocabulary and the read for understanding using VIPERS.					
Beautiful Read texts	 How to Train your Dragon By Cressida Cowell  Here We Are By Oliver Jeffers	 Beowulf  Kensuke's Kingdom By Michael Morpurgo	 The Wind in the Willows By Kenneth Graham	 The Girl who Speaks Bear By Sophie Anderson	 Secrets of a Sun King By Emma Carroll  This Moose Belongs to Me By Oliver Jeffers	 King of the Cloud Forests By Michael Morpurgo  Boy at the Back of the Class By Onjali Rauf
Humanities Cornerstones	Here We Are (Geography) 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. Invasion (History) This project teaches children about life in Britain after the Roman withdrawal. Children will learn about Anglo-Saxon and Viking invasions up to the Norman conquest.		Misty Mountain, Winding River (Geography) This project teaches children about the characteristics and features of rivers and mountain ranges around the world, including a detailed exploration of the ecosystems and processes that shape them and the land around them.		Ancient Civilisations (History) This project teaches children about the history of three of the world's first ancient civilisations: ancient Sumer, ancient Egypt and the Indus Valley civilisation. Children will learn about the rise, life, achievements and eventual end of each civilisation.	

Science Cornerstones	Grouping and classifying This project teaches children about grouping living things, known as classification. They study the animal and plant kingdoms and use and create classification keys to identify living things.	Food and the digestive system This project teaches children about the human digestive system. They explore the main parts, starting with the mouth and teeth, identifying teeth types and their functions. They link this learning to animals' diets and construct food chains to show the flow of energy.	Electrical circuits and conductors This project teaches children about electrical appliances and safety. They construct simple series circuits and name their parts and functions, including switches, wires and cells. They investigate electrical conductors and insulators and identify common features of conductors. It also teaches children about programmable devices. They combine their learning to design and make a nightlight.		States of matter This project teaches children about solids, liquids and gases and their characteristic properties. They observe how materials change state as they are heated and cooled, and learn key terminology associated with these processes.	Sound This project teaches children about sound, how sound is made and how sound travels as vibrations through a medium to the ear. They learn about pitch and volume and find out how both can be changed.
Art and design Cornerstones	Contrast and compliment This project teaches children about colour theory by studying the colour wheel and colour mixing. It includes an exploration of tertiary colours, warm and cool colours, complementary colours and analogous colours, and how artists use colour in their artwork.		Animal This project teaches children about the historical and cultural portrayal of animals in art. They study the visual qualities of animals through sketching, printmaking and clay modelling.		Warp and Weft This project teaches children about the artform of weaving and how it has developed over time, including the materials and techniques required to create woven patterns and products.	



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DT Cornerstones			Fresh food, good food This project teaches children about food decay and preservation. They discover key inventions in food preservation and packaging, then make examples. The children prepare, package and evaluate a healthy snack.			Tomb raiders This project teaches children about simple machines, including wheels, axles, inclined planes, pulleys and levers, exploring how they helped ancient builders to lift and move heavy loads.			Functional and funky fabric This project teaches children about home furnishings and the significant designer William Morris. They learn techniques for decorating fabric, including block printing, hemming and embroidery and use them to design and make a fabric sample.	
Computing Purple Mash	Online safety Children learn how to protect themselves from online identity theft and understand the importance of balancing screen time with other parts of their lives.	Coding Children will create a playable game.	Spreadsheets Children will use a spreadsheet to model a real-life situation and add a formula to automatically calculate.	Writing for different audiences Children will use a simulated scenario to write for a community campaign.	Logo Children will use and build procedures in Logo.	Animation Children will be introduced to 'stop motion' animation.	Effective searching Children learn to search effectively and assess whether an information source is true and reliable.	Hardware investigators Children learn about the different parts that make up a computer.	Making music Children electronically compose a piece of music.	
PE Merton	Athletics (1) Children concentrate on developing good basic running, jumping and throwing techniques.		Basketball Children learn basic attacking tactics using a range of equipment and skills.	Gym (1) Children develop key gymnastic skills and a variety of actions to create sequences on the floor and apparatus.		Invasion games (2) Children learn simple attacking using a range of equipment and skills.		Dance (1) Children use movement to explore issues and ideas.		Cricket Children develop the range and quality of their skills and understanding



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Music Charanga	Mamma Mia As well as learning to sing, play, improvise and compose with the well known song Mamma Mia, children will listen and appraise more ABBA hits.	Glockenspiel stage 2 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.	Stop This is a six-week Unit of Work that builds on previous learning. It is supported by weekly lesson plans and assessment. All the learning is focused around one song: Stop! - a rap/song about bullying. You will learn about the interrelated dimensions of music through games, singing and composing.	Lean on me This is a six-week Unit of Work. All the learning is focused around one song: Lean On Me. 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.	Blackbird All the learning in this unit is focused around one song: Blackbird by The Beatles - a song about civil rights.	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 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	Sikh rites of passage Children find out who Sikhs are and what they believe.	Christmas journeys Children learn about the importance of Bethlehem to Christians and to find out what a pilgrimage is and find out about some of the key features of the nativity story.	Hindu home and Mandir Children learn about some important aspects of Hindu beliefs in God, identify some characteristics of Hindu gods and goddesses.	Why is Easter important? Children will learn about the events of Palm Sunday, learn about the significance of the Last Supper and learn about the events that led up to Jesus being arrested.	Buddhist festivals Children will explore 'why is Buddhism special?' and gather, select and organise ideas about Buddhism.	Identity and belonging Children to understand how drama is used to reinforce important teachings and stories in religions and consider the ways in which we express our identity.
PSHE Kapow	How can I make healthy choices? Understanding how healthy choices support both physical and mental wellbeing by exploring exercise, nutrition and hydration. Pupils identify strategies for developing a growth mindset and recognise how acts of kindness and helping others can have a positive impact on themselves and those around them.	How can we respect each other? Examining respectful and disrespectful behaviour by considering how actions and expectations can vary in different settings. Pupils develop strategies for building trust and resolving friendship challenges, practise responding to bullying and learn how stereotypes can negatively affect people and communities.	How can we decide what to trust online? Developing critical thinking skills through exploring how information is found, shared and presented online. Pupils evaluate the reliability of digital content by checking sources, identifying misleading information and comparing evidence before deciding what to believe.	How can I spend my money wisely?	Growing Up: How will my body and emotions change as I grow up? Learning about the physical and emotional changes that occur during puberty, pupils recognise that these changes are normal and happen at different times for everyone.	What signs help me recognise what is safe or unsafe? Developing personal safety skills by recognising warning signs, responding to uncomfortable situations and seeking help in an emergency. Pupils identify safe ways to cross roads, explore the dangers of water and learn how to distinguish between medicines and harmful substances.



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