

Year 4 - Curriculum Map – September 2018



LORDSWOOD
SCHOOL

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Topic	Victorians Queen Victoria	Victorians Mary Seacole	Rivers And Mountains	Greeks Amazon	Stone Age	Climate
English Power of reading	<p>Street Child Poetry Diary Letter Narrative Recount Newspaper report</p> <p>SPAG Vocabulary to explore setting Spelling- Y3/4 Subordinate clauses Prefixes Inverted commas</p> <p>Comprehension</p>	<p>Enchanted Horse Historical setting Description Autobiographical writing Report writing Narrative Poetry Writing journal Short story Predictions Persuasive writing</p> <p>Leon and the Place between Picture book Description Autobiography Report writing Narrative Poetry Diary Short story</p> <p>SPAG Pronouns Conjunctions Determiners Apostrophes Commas (in a list) Complex sentences</p> <p>Comprehension</p>	<p>Varjak Paw Modern writing Newspaper report Short story Recount Biography</p> <p>Where the forest meets the sea/Belonging</p> <p>SPAG Phrase and clauses Layout devices Paragraphs Commas Prefixes Suffixes Fronted adverbials Prepositions</p> <p>Comprehension</p>	<p>La Mariposa – cultural links Biography Letter Newspaper report Dialogue Persuasion Interview Diary</p> <p>Non fiction texts Greeks</p> <p>SPAG Standard English Homophones Headings and sub- headings Tense</p> <p>Comprehension</p>	<p>Ug boy Stone girl Bone girl Vivid descriptions and Historical Fictional text Historical setting Narrative text Description Newspaper report Narrative poem Diary</p> <p>Gregory Cool</p> <p>Nest full of stars (Caribbean poetry)</p> <p>SPAG Verb tenses – present perfect Standard English</p> <p>Comprehension</p>	<p>Mouse, bird, snake wolf</p> <p>(Science – Animals and habitats) Detailed descriptive writing Play scripts Journal Diaries Predictions Comparative writing</p> <p>SPAG Plurals Possessive Direct speech</p> <p>Comprehension</p>

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<p>Mathematics</p>	<p>Number and Place Value Count in multiples of 1000. Find 1000 more or less than a given number. Recognise the place value of each digit in a four-digit number. Order and compare numbers beyond 1000. Round any number to the nearest 10, 100 or 1000. Solve number and practical problems that involve all of the above and with increasingly large positive numbers.</p> <p>Addition and Subtraction Add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction. Use inverse operations to check answers to a calculation. Estimate, compare and calculate different measures, including money in pounds and pence</p> <p>Statistics</p>	<p>Addition and subtraction Recap on previous learning and extend. Solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why.</p> <p>Multiplication and Division Recall multiplication and division facts for multiplication tables up to 12×12.</p> <p>Geometry: properties of shape Compare and classify geometric shapes. Identify acute and obtuse angles and compare and order angles up to two right angles by size. Identify lines of symmetry in 2-D shapes presented in different orientations.</p> <p>Number Read Roman numerals to 100 (I to C) and know that, over time, the numeral system changed to include the concept of zero and place value.</p>	<p>Fractions (including decimals) Solve problems involving increasingly harder fractions. Count up and down in hundredths. Recognise and show, using diagrams, common equivalent fractions. Add and subtract fractions with the same denominator. Recognise and write decimal equivalents of any number of tenths or hundredths. Recognise and write decimal equivalents to $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$. Find the effect of dividing a one- or two-digit number by 10 and 100. Round decimals with one decimal place to the nearest whole number. Compare numbers with the same number of decimal places up to two decimal places.</p> <p>Measurement Convert between different units of measure.</p>	<p>Fractions (including decimals) Recap on previous learning and extend. Solve problems involving increasingly harder fractions.</p> <p>Measurement - time Read, write and convert time between analogue and digital 12- and 24-hour clocks. Solve problems involving converting from hours to minutes, minutes to seconds, years to months, weeks to days</p> <p>Statistics Solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs.</p> <p>Measurement To convert between different units of measure.</p>	<p>Measurement Read, write and convert time between analogue and digital. 12- and 24-hour clocks. Estimate, compare and calculate different measures, including money in pounds and pence</p> <p>Fractions (including decimals) Solve simple measure and money problems involving fractions and decimals to two decimal places</p> <p>Addition and subtraction Recap on previous learning and extend. Solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why.</p> <p>Fractions (including decimals) Solve simple measure and money problems involving fractions and decimals to two decimal places</p>	<p>Number and place value Count in multiples of 6, 7, 9, 25 and 1000</p> <p>Multiplication and division Recap on previous learning and extend. Use place value, known and derived facts to multiply and divide mentally, including multiplying together three numbers. Recognise and use factor pairs in mental calculations. Multiply two-digit and three-digit numbers by a one-digit number using formal written layout. Solve problems involving multiplying.</p> <p>Fractions (including decimals) Recap on previous learning and extend.</p> <p>Measurement Solve problems involving converting from hours to minutes, minutes to seconds, years to months, weeks to days. To be able to deepen my knowledge of these</p>
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	<p>Interpret and present bar charts and time graphs. Solve comparison, sum and difference problems using information presented in graphs.</p> <p>Measurement Estimate, compare and calculate different measures, including money in pounds and pence.</p>		<p>Solve problems involving converting from hours to minutes, minutes to seconds, years to months, weeks to days.</p> <p>Geometry: position and direction Describe positions of coordinates in the first quadrant. Describe translations of a given co-ordinate to the left / right and up / down. Plot specified points and draw sides to complete a given polygon.</p>		<p>mathematical objectives through: problem solving, reasoning and application.</p>	
Science	<p>Sound How sounds are made: -Pitch -Volume -Sound Recognise that sounds get fainter with distance. Investigation.</p>	<p>Electricity Construct simple series electrical circuits. Open and closed circuits, Conductors and insulators. Investigation.</p>	<p>State of matter Solid, liquids and gasses. Evaporation and condensation</p>		<p>Animals including mammals Describe basic parts and simple functions of the digestive system. Different types of teeth. Food chain. Identify producers, predators, prey.</p>	<p>Living things and their habitats Living things can be grouped in a variety of ways. Use classification keys to group living things.</p>

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<p>History</p>	<p>Victorians Queen Victoria</p> <p>The changing power of monarchs using case studies Understand how our knowledge of the past is constructed from a range of sources</p> <p>What was important to our local Victorians?</p> <ul style="list-style-type: none"> -When were the Victorians alive? -What impact did the Victorians have on my local area? -How did the Victorians deal with poor people? -What can we learn about our area in Victorian times? -To what extent did things stay the same in Victorian times. 			<p>Why should we thank the Ancient Greeks?</p> <ul style="list-style-type: none"> -How did Ancient Greece overcome its poor geography to become important? - Was it all fun and games for the Greeks? - How different were the Spartans and the Athenians? - Who is your Greek hero? - Why did Ancient Greece win so many wars? 	<p>Stone Age</p> <p>Changes in Britain from the Stone Age</p> <ul style="list-style-type: none"> -Why is it called the Stone Age? - What was life like in the Early and Middle Stone Ages? - How much change happened in the Neolithic Stone Age? -How much do we know about a Neolithic family? -What was the point of the monuments at this time? 	
<p>Geography</p>			<p>How does water go around and round?</p> <ul style="list-style-type: none"> - Where does all the rain go? -Where does all the rainfall come from? -What can we learn about the River Thames? -How and why do people change rivers? -How do rivers wear away mountains? 	<p>What is it like in the Amazon?</p> <ul style="list-style-type: none"> -Where is the Amazon? -What would it be like to take a walk through the Amazon Rainforest? -What is Manaus like? -Do people live in the Amazon Rainforest? -How can people protect the Amazon? 		<p>Climate</p> <ul style="list-style-type: none"> -Climate zones -Geographical vocabulary to describe weather, climate. -Locate some of the World's climate zones
<p>Events Visits</p>	<p>Visitor from Guildhall museum.</p>	<p>Leeds Castle - Victorians</p>		<p>Greek Day</p>		

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Forest School				Nature walk – Life cycles of animals/insects	Den Building	Habitats – looking at where animals/insects life – mini beast hunt. Summer watch –(link to Geography)
PE	<p>Gymnastics -Explore ways of travelling across a bench using different levels, body parts and speeds -Matching and mirroring work -Jumping techniques -Partner balances -Forward roll -Routine involving shapes, travelling, balances, jumping and rolling</p> <p>Hockey -Rules of hockey -Control and quick turns under pressure -Passing techniques -Short and long passes -Strike the ball on the move -Game</p>	<p>Table Tennis</p> <p>Tag Rugby - Agility in dodging -Catching a rugby ball -Passing backwards -Tagging techniques -Rules -Magic diamond tactics -Game</p>	<p>Tennis -Forehand return shot -Backhand return shot -Serve -Volley shot -Combine skills -Game</p> <p>Badminton -Forehand -Forehand return shot -Backhand return shot -Rally -Serve -Competitive games</p>	<p>Handball -Ball control and body positions -Different types of passes -Passes in a game. -Shooting -Games</p> <p>Footgolf</p>	<p>Rounders -Two and one handed catch -Over arm throw -Batting tactics -Running skills looking at speed -Fielding techniques -Game</p> <p>Cricket -Fielding and attacking the stumps -Returning the ball on the move -Batting skills -Over arm bowling -Game</p>	<p>Athletics - Running a short distance at speed -Technique to jump effectively -Push pass with power -Pacing for long distance -Technique for javelin throwing -Demonstrate skills</p> <p>Swimming (year4)</p>
Art/DT	<p>Art At the pantomime To explore design features of a pantomime. To be able to design a set for a particular pantomime scene. To be able to create a model set for a</p>	<p>DT Alarms Systems and switches, designs and buzz. Evaluating our work.</p>	<p>Art Can we change places? To investigate how the environment affects how we feel about a place and how art can be used to improve a place.</p>	<p>DT MONEY CONTAINERS Exploring features, sewing skills, bringing designs to life.</p>	<p>Art Andy Warhol To find out who Andy Warhol was and explore the Pop art movement. To be able to use Warhol's blotted line technique to create artwork.</p>	<p>DT SEASONAL FOODS All year round, fruits, vegetables, meat and poultry, fish and seafood.</p>

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	<p>pantomime based on a design. To be able to design costumes for pantomime characters. To be able to design a costume accessory for a pantomime. To be able to design a poster to advertise a particular pantomime.</p>		<p>To collect visual information and to explore ideas for a site-specific sculpture. To be able to design a site specific sculpture. To use 'found' materials to create a sculpture. To be able to use finishing techniques to complete a sculpture. To be able to evaluate a finished piece of artwork.</p>		<p>To explore and recreate Warhol's 'Campbell's Soup' artwork. To explore Warhol's portraits of celebrities. To be able to create a self-portrait in the style of Andy Warhol. To be able to use objects of popular culture to create Pop art.</p>	
Music	<p>Harvest Assembly Music Express Poetry-The children develop performances of contrasting poems. They use their voices to speak expressively and rhythmically, and discover ways to create ostinato accompaniments to enhance their performances. Environment-Seasons and the environment provide the stimuli for compositions. The children make descriptive accompaniments and discover how the environment has</p>	<p>Singing for Christmas – sacred carols and secular Music Express Sounds-After exploring how sounds are produced and classified, the children use their voices to make beatbox sounds, sing four-part songs, and perform a jazzy sound. Recycling- The children make their own instruments from junk then use them to improvise, compose and play junk jazz music in a variety of different musical structures.</p>	<p>Music Express Building-Building-themed songs allow the children to explore how music can be structures to provide different textures. They use layers and rondo structure to combine ostinato played on body percussion and tuned instruments. Around The World-The children explore pentatonic melodies and syncopated rhythms, learning that the fundamental dimensions of music are the same all over</p>	<p>Music Express Ancient Worlds-The children celebrate achievements of the 'Amazing Egyptians' and explore 20th century minimalist music inspired by the age of Akhenaten. They arrange and perform a layered pyramid structure. Singing Spanish-A sample of the sights and sounds of the Spanish-speaking world, including greetings, counting to twelve and playing a singing game. The children explore</p>	<p>Music Express Communication-Children create a news programme, complete with theme music and school news headlines. Using songs and raps, this musical news bulletin will alert the school to the burning issues of the day! Time-Music featuring bells and clocks helps the children to understand rhythm and syncopations. They learn to sing and play bell patterns, listen to an orchestral clock piece, and create their own descriptive music.</p>	<p>Music Express In The Past-The children use a variety of notations to build performances from different periods and styles. They learn a Renaissance dance, walk down the aisle to Wagner's Bridal march and dance the mashed potato! Food and Drink-The children cook up a musical feast. They enjoy a varied diet of healthy beans, exotic Tudor banquets and DIY pizzas before celebrating in a song performance.</p>

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	inspired composers throughout history.		the world.	part-singing and accompaniments in four contrasting songs.		
Computing	<p>Use search technologies effectively Design and create a range of programmes</p> <p>Use technology safely, respectfully and responsibly Recognise acceptable/unacceptable behaviour</p> <p>Select, use and combine a variety of software on a range of digital devices to design and create a range of programs.</p>	<p>Understand computer networks including the internet and how they can provide multiple services</p> <p>Use technology safely, respectfully and responsibly Recognise acceptable/unacceptable behaviour</p>	<p>Use sequence, selection and repetition in programmes</p> <p>Use technology safely, respectfully and responsibly.</p> <p>Recognise acceptable/unacceptable behaviour</p>	<p>Use technology safely, respectfully and responsibly.</p> <p>Recognise acceptable/unacceptable behaviour</p>		
RE	<p>Christianity Worship and ceremony: buildings.</p> <p>Places of personal importance. Christian buildings: An Anglican Church A Baptist Church To learn why cathedrals are important places to Christians.</p>	<p>Christianity Worship and ceremony: Community.</p> <p>Places in my community. Construct a community. Church community.</p> <p>Christmas Story</p>	<p>Sikhism: Origins and Lifestyle: Guru Nanak. The Guru Granth Sahib. To explore the advantages of meditation and reflection. Kirat Karna. Vand Chhakna. Sewa –service to others.</p>	<p>Christianity Ceremonies and practices.</p> <ul style="list-style-type: none"> -Prayer -Holy Communion -Lent -Easter Story -Pentecost 	<p>Sikhism and worship</p> <ul style="list-style-type: none"> -The Gurdwara -Family life and home -The five k's. -Symbols: Khanda -Prayer: Lk Onkar sign 	<p>Sikhism festival and celebrations.</p> <ul style="list-style-type: none"> -The Amrit ceremony - Baisakhi -Divali -Gurpurbs - Sikh marriage ceremony



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<p>PSHE</p>	<p>Values- 2 year cycle Happiness Tolerance Respect Friendship</p> <p>It's our world Class charter Understanding rules and laws Saving energy Climate Change</p> <p>Britishness Great British inventions Religious tolerance</p>	<p>Values- 2 year cycle Love Generosity Friendship Peace Hope</p> <p>Say No Drugs Ed: Risk taking Legal and illegal drugs Effects and risks of smoking Effects and risks of drinking alcohol Saying No to gangs Anti-bullying Values</p> <p>Britishness British legal system BBC</p>	<p>Values- 2 year cycle Patience Trust Humility Responsibility</p> <p>Money matters Keeping track of money Paying for goods Family expenses Planning and budgeting Charity work Fundraising for charity</p> <p>Britishness Tourism UK in the world</p>	<p>Values- 2 year cycle Caring Understanding Independence Positivity</p> <p>Who likes chocolate? Cost of chocolate What is fair trade Consumer power Media and information Advertising Recognising and challenging stereotypes</p> <p>Britishness British Iconic building and architecture British heroes and their stories.</p>	<p>Values- 2 year cycle Honesty Fairness Courage Perseverance</p> <p>People around us Similarities and differences How we are connected Living and working co-operatively Recognising and challenging prejudice Gender stereotypes Contributing to society Values</p> <p>Britishness Famous British stories and folktales</p>	<p>Values- 2 year cycle Simplicity Compassion</p> <p>Growing up Growing and changing Body changes and reproduction What is puberty? Wishes hopes and dreams Positive change Unwelcome change</p> <p>Britishness Sport</p>
	<p>Prevent Throughout the year, circle time will address issues of respect, tolerance and understanding and will build pupils' resilience to radicalisation by providing a safe environment for debating controversial issues at the appropriate level of understanding. School values taught in assembly/circle time and PSHE lessons -Rule of law -Democracy -Individual liberty -Mutual respect -Tolerance</p> <p>P4C Question every other week that children debate during philosophy time and also incorporated into assemblies and circle times. Questions displayed on a display near the entrance.</p> <p>Mental Health Twelve sessions spread throughout the year focusing on shared personal experiences, looking after yourself, uniqueness, managing feelings, dealing with conflict and the significance of talking to help situations.</p>					

GST Theme "Green and Pleasant Land" highlighted throughout curriculum