

Year 3

Curriculum Overview



YEAR 3 CURRICULUM OVERVIEW 2018 - 2019



	Autumn Term 1 <i>Ancient Britain</i> 	Autumn Term 2 <i>Rainforests</i> 	Spring Term 1 <i>Active Planet</i> 	Spring Term 2 <i>Active Planet</i> 	Summer Term 1 <i>Ancient Greece</i> 	Summer Term 2 <i>Ancient Greece</i> 
Writing	<p>Text Type: Narrative Context: Stone Age Boy Children to write an adventure in the Stone Age (2 weeks) Fiction</p> <p>Text Type: Narrative (focus on dialogue) Context: Ug or Cave Baby Children to write an additional section of the story (2 weeks) Fiction</p> <p>Text type: Poetry Context: Fireworks Children to write a poem about Bonfire Night using onomatopoeia (1 week) Fiction</p>	<p>Text Type: Poetry Context: Rainforests Children to write a poem about a rainforest animal following a given rhyme scheme (2 weeks) Fiction</p> <p>Text type: Non-chronological report Context: Rainforests Children to explore the layers of the rainforest and write a report (2 weeks) Non-Fiction</p> <p>Text type: Poetry (free verse) Context: Coming Home Children to write the return journey of the robin (6 lessons) Fiction</p>	<p>Text Type: Poetry Context: Winter Children to write an Acrostic poem and present it as a Calligram (1 week) Fiction</p> <p>Text Type: Poetry Context: The Door Children to use the poem as inspiration for what might be behind the door then write their own poem in this style (1 week) Fiction</p> <p>Text Type: Instructions Context: Games Children to write instructions on how to play Tiddlywinks (2 weeks) Non-Fiction</p>	<p>Text Type: Recount (diary) Context: Escape from Pompeii Children to write a recount of the events in the first person (2 weeks) Realistic Fiction</p> <p>Text Type: Narrative Context: Traditional Tales Children to write a fractured fairy tale using features of traditional tales (3 weeks) Fiction</p>	<p>Text Type: Recount (newspaper) Context: Theseus and the Minotaur Children to write a newspaper report of the events (2 week) Non-Fiction</p> <p>Text Type: Narrative Context: Greek Myths Children to write their own version of a Greek quest myth (2 weeks) Fiction</p> <p>Text Type: Non-Chronological Report Context: Greek Gods Children to create their own Greek God and write a report about them (2 weeks) Non-Fiction</p>	<p>Text Type: Play scripts Context: Greek Myths Children to rehearse and perform a Greek Myth focusing on use of voice and movement. Children to convert a Greek Myth into a play script (4 weeks) Fiction</p>

<p style="text-align: center;">Reading</p>	<p>Children read and answer comprehension questions from the Project X range of fiction and non-fiction text which is differentiated to suit their ability.</p> <p>Linking with the topic Ancient Britain</p> <p>Text: Skara Brae Text type: Non-Fiction Children read about Skara Brae and answer comprehension questions about the archaeological findings and the lives of Stone Age man.</p> <p>Text: Stonehenge Text type: Non-Fiction Children retrieve information about how Stonehenge was built and summarise the instructions.</p>	<p>Children read and answer comprehension questions from the Project X range of fiction and non-fiction text which is differentiated to suit their ability.</p> <p>Linking with the topic Rainforests</p> <p>Text: Earth Files Text type: Non-Fiction Children read and answer comprehension questions about the different types of forest in the world.</p> <p>Text: Rainforests at Risk Text type: Non-Fiction Children to read and create a food chain to show how the different animals of the rainforest depend on each other for survival.</p> <p>Text: Gary's Big Adventure Text type: Fiction Children read a story about a tree frog and his adventures in the rainforest.</p>	<p>Children read and answer comprehension questions from the Project X range of fiction and non-fiction text which is differentiated to suit their ability.</p> <p>Linking with the topic Active Planet</p> <p>Text: Earthquake Shock Text type: Narrative Children listen to and answer comprehension questions about the thoughts and feelings of characters caught up in an earthquake.</p>	<p>Children read and answer comprehension questions from the Project X range of fiction and non-fiction text which is differentiated to suit their ability.</p> <p>Linking with the topic Active Planet</p> <p>Text: Escape from Pompeii Text type: Realistic Fiction Children to read and answer comprehension questions about the events and experiences during the eruption of Mount Vesuvius.</p>	<p>Children read and answer comprehension questions from the Project X range of fiction and non-fiction text which is differentiated to suit their ability.</p> <p>Linking with the topic Ancient Greece</p> <p>Text: Perseus and Medusa Text type: Narrative (Greek Myth) Children read and answer comprehension questions about the settings, characters and the author's use of language.</p> <p>Text: Daedalus and Icarus Text type: Narrative (Greek Myth) Children read and answer comprehension questions based on the links between this text and other Greek Myths. They also predict what might happen and discuss the moral of the story.</p>	<p>Children read and answer comprehension questions from the Project X range of fiction and non-fiction text which is differentiated to suit their ability.</p> <p>Linking with the topic Ancient Greece</p> <p>Text: Eurydice and Orpheus Text type: Narrative (Greek Myth) Children read and answer comprehension questions about the characters' feelings and the relationship between the characters. They also look at the themes across a range of Greek Myths.</p> <p>Text: Jason and the golden fleece Text type: Narrative (Greek Myth) Children read and answer comprehension questions about the settings, characters and the author's use of language.</p>
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<p style="text-align: center;">Maths</p>	<p>Topic: Place Value The children will be taught and will consolidate their understanding of place value up to 1000.</p> <p>Topic: 10 more, 10 less Children will be taught how to add and subtract 10 from any given number.</p> <p>Topic: Written methods (addition) Children will be taught how to use the written method of column addition up to 3 digits + 3 digits including carrying.</p> <p>Topic: Problem solving and reasoning (addition) Children will be taught how to use and apply their new knowledge to solve problems.</p>	<p>Topic: Shape (2D) The children will be taught and will consolidate their understanding of what a polygon is. They will also be able to explain the difference between regular and irregular shapes.</p> <p>Topic: Angles The children will be taught how to identify and measure right angles. They will also be able to name acute and obtuse angles.</p> <p>Topic: Greater than, less than, equals to The children will be taught how to use the symbols $< = >$ to express the difference between angles.</p> <p>Topic: Written methods (subtraction) Children will be taught how to use the written method of column subtraction up to 3 digits – 3 digits including exchanging.</p> <p>Topic: Problem solving and reasoning (subtraction) Children will be taught how to use and apply their new knowledge to solve problems.</p>	<p>Topic: Written methods (division) Children will consolidate their understanding of grouping and sharing before progressing onto using short division to divide 2 and 3 digit numbers by a single digit. They will also be taught how to divide by 10.</p> <p>Topic: Written methods (multiplication) Children will be taught how to use the written method of column multiplication up to 2 digits x 1 digit. They will also be taught how to multiply by 10.</p> <p>Topic: Problem solving and reasoning (division and multiplication) Children will be taught how to use and apply their new knowledge to solve problems.</p>	<p>Topic: Fractions Children will be taught how to find half and a quarter of shapes, objects and amounts. They will also be taught how to compare and order unit fractions with the same denominator as well as adding and subtracting fractions within a whole.</p> <p>Topic: Shape (2D) The children will be taught about lines of symmetry on 2D shapes both regular and irregular.</p> <p>Topic: Shape (3D) The children will be taught the names and properties of 3D shapes. They will investigate the 2D faces of 3D shapes by building 3D shapes using a variety of resources.</p>	<p>Topic: Time Children will be taught how to tell and write the time in 1 minute increments using both 12 hour and 24 hour analogue clocks. They will consolidate their learning of O'clock, quarter past, half past and quarter to. They will also be taught Roman numerals from I to XII and how to tell the time using these.</p> <p>Topic: Money Children will be taught the value of coins in our currency and will learn how to convert from £ to p and vice versa. They will also be taught how to add and subtract money.</p> <p>Topic: Measure Children will be taught how to round to the nearest cm in order to estimate length. They will also be taught how to use a ruler to measure accurately. They will learn how to compare and order units of measure for length, weight and capacity and also how to calculate the perimeter of simple 2D shapes.</p>	<p>Topic: Statistics Children will be taught how to interpret and create pictograms, frequency tables and bar graphs.</p> <p>Topic: Problem solving and reasoning (fractions, shape, time, money, measure and statistics) Children will be taught how to use and apply their new knowledge to solve problems.</p>
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Science	<u>Animals including humans</u> Children learn about bones, muscles and the function of the skeleton. They also start to classify animals, look at the different food groups and how to eat healthily.	<u>Forces and magnets</u> Children learn about the strength of different magnets, poles of the magnets and how through these poles, magnets will attract and repel. They also classify different materials based on their levels of magnetism.	<u>Rocks</u> Children learn about where rocks are found and investigate the properties in order to classify the different types of rock. They also learn how rocks turn into fossils.	<u>Plants</u> Children learn about the plant life cycle and what plants need in order to grow. They investigate how water is transported within plants by experimenting with walking water.	<u>Light</u> Children learn that light travels in straight lines. They investigate shadows and how the size changes dependent on the distance from the light source. They also look at reflection and understand that without light, we get darkness.	<u>Fair test experiments</u> Children carry out a variety of fair test experiments which link to the previous Science topics and also across the curriculum in order to prove or disprove a variety of hypotheses.
Computing	<u>Researching animals.</u> Children to know how to use the internet safely and create a fact file on an animal of the rainforest.	<u>Emails</u> Introduction to emails. Children to learn how to compose an email then send a 'Thank you' email to The Living Rainforest.	<u>Algorithms</u> Children will learn what algorithms are. They will then programme an algorithm, test it and debug it.	<u>WeDo</u> The children will follow a set of instructions to make an animal. They will then programme it to follow a series of commands and debug it.	<u>Word processing</u> The children will learn how to type and edit text using a word processing application.	<u>iMovie</u> The children will learn how to use iMovie to design for a purpose.
History	<u>Ancient Britain</u> Children learn about the period in history from the Stone Age through the Bronze Age to the Iron Age. They learn about how the people lived during these ages and where they fit on the timeline of British history.				<u>Ancient Greece</u> Children learn about where Ancient Greece fits on the timeline of World history and make links with the same time period in Britain. They also use atlases to place Greece on a World Map. They learn about the lives of people who lived in Ancient Greece and compare and contrast that with modern day life.	

Geography		<p><u>Rainforests</u> Children learn how to use maps to locate rainforests around the world. They learn about the products which come from the rainforests and are used across the world. Children also investigate the effect modern ways of living have on tribes who live in the rainforests.</p>	<p><u>Active Planet</u> Children consolidate their learning about maps to locate the continents and oceans of the world. They also locate the tectonic plates and map where volcanoes are. Children learn about the different states of volcano and what happens when they erupt. Children also learn how earthquakes happen and the effect when an earthquake which happens at sea causes a tsunami. During this topic the children also complete a study of human and physical geography in a region of Italy.</p>			
RE		<p><u>Christianity</u> Investigation into what role models/leaders are and the influence they have on the wider society.</p>		<p><u>Christianity</u> Identify the key practices of a faith and some of the differences between denominations or sects. (Catholics and Protestants) (Religious leaders – The Archbishop of Canterbury and the Pope)</p>	<p><u>Christianity</u> Identify different types of text within sacred writings. (Laws, narratives, prayers, poems and stories)</p>	
PSHE	<p><u>Health and Wellbeing</u> The children will learn about how keep themselves safe online. They will also learn about themselves as individuals and how to balance a physical and mental healthy lifestyle.</p>		<p><u>Relationships</u> The children will learn about different types of family and the relationships within them. They will also learn about how to budget and manage money.</p>			<p><u>Living in the Wider World</u> The children learn about how they fit into their social group and how to work well together.</p>

Art	<u>Cave Art</u> The children will develop their pencil and noticing skills in order to continue a cave painting and to replicate animal fur.		<u>Volcano Art</u> The children will focus on colour mixing and will create a variety of volcano paintings influenced by Pop Art and the work of Jackson Pollock.		<u>Sketching</u> The children will be taught various sketching skills and will apply these in different ways. They will create self-portraits and observational drawings within the school grounds and at Stowe Gardens.	<u>Collages</u> Using materials of their choosing, the children will create a collage of an animal. They will look at collage techniques as well as composition.
Design Technology	<u>Stone Age construction</u> The children will design and make a flint axe, a mask representing Stone Age man and use clay to create a cave.	<u>Rainforest Boats</u> The children will design and make a boat for Eddie the Explorer that will need to meet the specifications to enable it to travel down the Amazon River.		<u>Farm to Fork</u> The children will be making frames and planting seeds in order to grow their own produce.	<u>Greek Temples</u> The children will design and make a Greek Temple and will focus particularly on measuring and cutting materials accurately.	<u>Pizzas</u> The children will learn a variety of food safety and hygiene skills that will enable them to design and make a pizza. They will be using some of their own produce in their recipes.
French	<u>All About Me</u> The children will learn how to greet each other introducing themselves and how they feel. They will also learn how to count from 1-12.	<u>Colours and Nouns</u> The children will learn Le Tricolore song and will be able to name the colours of the rainbow in French. They will also be able to name nouns and use their colour to describe them.	<u>Parts of the Body & Link to Art</u> The children will continue to learn about colours linking in with the topic 'Active Planet'. They will also learn the French names for familiar parts of the body.	<u>In My Town</u> The children will learn the names of shops and buildings using dictionaries to identify whether they are masculine or feminine nouns.	<u>The Hungry Caterpillar</u> The children will learn the days of the week and the names fruits. They will also be able to retell the story of The Hungry Caterpillar in French using actions.	<u>Ice creams</u> The children will continue their learning of numbers up to 20. They will also learn flavours of ice cream and create a bilingual menu.
Music	<u>Djembes</u> The children will learn to play African drums (Djembes). They will learn techniques for playing bass and tone hits and also learn about the drums.	<u>Djembes</u> The children will develop their percussion skills and play simple rhythmic patterns.	<u>Samba</u> The children will learn how to play Samba instruments (Surdo, Ganza, Agogo bell and Tamourim).	<u>Samba</u> The children will develop their samba skills by playing rhythmic phrases and developing tempo in the overall pulse.	<u>Tuned percussion</u> The children will learn how to play Metallophones and Glockenspiels. Children will play call and response phrases and develop their understanding of a musical 'full stop'.	<u>Tuned percussion</u> The children will develop their understanding of a simple pentatonic scale and will experiment with effective tempo.

PE	<u>Gymnastics and Multi-Skills</u> The children will learn how to use their gross and fine motor skills accurately.	<u>Badminton and Health Related Fitness</u> The children will learn about spatial awareness and how keeping fit is good for your health.	<u>Dance and Outdoor Adventurous Activities</u> The children will learn how to move in time with music in a variety of styles. They will also participate in outdoor activities designed to promote team building skills.	<u>Gymnastics and Netball</u> The children will continue to learn how to use their gross and fine motor skills as well as learning the skills required to compete in netball.	<u>Athletics and Cricket</u> The children will learn the skills in order to complete a variety of athletic events. They will also continue to learn the skills to enable them to compete in cricket.	<u>Tennis and Rounders</u> The children will develop their spatial awareness skills in order to compete in tennis and rounders.
Games	<u>Hockey and Football</u> The children will learn the skills required, using the correct equipment to compete in these invasion games.		<u>Tag Rugby and Basketball</u> The children will learn the skills required, using the correct equipment to compete in these invasion games.		<u>Rounders and Cricket</u> The children will learn the skills required, using the correct equipment to compete in these striking and fielding games.	
Enrichment		<u>The Living Rainforest Trip</u> External provider The children visit The Living Rainforest in Newbury to consolidate their learning on this topic.		<u>Field Study</u> In house provision The children will complete a local field study to consolidate their learning about growing their own produce.	<u>Greek Week</u> In house provision and External provider The children have the opportunity to learn more about the food and culture of Ancient Greece. They taste Greek food and can dress in traditional Greek clothes. They use clay to make Greek pots and work with local artists to build a Trojan horse and a Greek ship. Stowe Gardens Children visit Stowe to complete observational drawings to consolidate their learning about Greek architecture and their art skills.	<u>Residential</u> External provider This is an optional residential visit that focuses on team building and independence skills.

Year 4

Curriculum Overview



YEAR 4 CURRICULUM OVERVIEW 2018 - 2019



	Autumn Term 1 <i>The Romans</i> 	Autumn Term 2 <i>Polar Explorers</i> 	Spring Term 1 <i>Chocolate</i> 	Spring Term 2 <i>The Victorians</i> 	Summer Term 1 <i>Location, Location, Location</i> 	Summer Term 2 <i>Water</i> 
Writing	<p>Text Type: Narrative Context: The Captive Celt Children to write a 1st person narrative. (2 weeks) Fiction</p> <p>Text type: Non-chronological report Context: Roman gladiators Children to write about the lives of gladiators. (2 weeks) Non-Fiction</p> <p>Text type: Instructions Context: Roman mosaics Children write instructions about the creation of mosaics, which links to their work in Art this half term. (2 weeks) Non-Fiction</p>	<p>Text Type: Narrative Context: Lost & Found Children to write a descriptive narrative to accompany the story. (2 weeks) Fiction</p> <p>Text type: Non-chronological report Context: Polar Explorers Children to explore the dangers and difficulties facing explorers. (2 weeks) Non-Fiction</p> <p>Text type: Recount (diary) Context: Lily and the Snowman Children to write a diary entry exploring the feelings of Lily</p>	<p>Text type: Narrative Context: Charlie and the Chocolate Factory Children to write a description of entering the chocolate room. (2weeks) Fiction</p> <p>Text type: Narrative Context: Charlie and the Chocolate Factory Children to write a 1st person narrative in the role of a character. (2 weeks) Fiction</p> <p>Text type: Persuasion Context: Charlie and the Chocolate Factory Children to write a persuasive leaflet about visiting a chocolate factory (2 weeks) Non-Fiction</p>	<p>Text Type: Recount (letter) Context: The Railway Children Children to use extracts from the updated film to help them write a letter from the perspective of Bobby. (2 weeks) Fiction</p> <p>Text Type: Suspense Narrative Context: The Railway Children Children to use the 'Flag Waving Scene' extract to write a suspense narrative from the perspective of Bobby. (2 weeks) Fiction</p> <p>Text Type: Poetry Context: The Railways</p>	<p>Text Type: Non-Chronological Report Context: The UK Children to write a report about the geography of the UK as well as famous landmarks and culture. (6 lessons) Non-Fiction</p> <p>Text Type: Narrative Context: Paddington Bear Children to write a narrative based on Paddington's arrival to the UK. (2 weeks) Fiction</p> <p>Text Type: Description Context: London Children to write a contrasting description of London during the day and at night. (6 lessons) Fiction</p>	<p>Text Type: Poetry Context: Water Children to create their own poem based on water. (4 lessons) Fiction</p> <p>Text Type: Narrative Context: The Snail and the Whale Children to write their own narrative based on Julia Donaldson's book. (2 weeks) Fiction</p> <p>Text Type: Non-Chronological Report Context: Water Treatment Children to write a report about the process and importance of cleaning water.</p>

	<p>Text type: Poetry Context: Autumn Children to explore different types of poetry before writing their own. (1 week) Fiction</p>	<p>based on the animation. (2 weeks) Fiction</p>		<p>Children to write their own train themed poetry. (1 week) Fiction</p>	<p>Text Type: Persuasive Writing Context: The UK coast Children to write a persuasive leaflet about a UK seaside location. (2 weeks) Non-Fiction</p>	<p>(2 weeks) Non-Fiction Drama: Matilda Children to develop their speaking and listening skills through drama relating to Roald Dahl's Matilda.</p>
<p>Reading</p>	<p>Text: Captive Celt or Roman diary: The Journey of Iliona Text Type: Fiction</p> <p>These texts present characters from various aspects of Roman life and help children to understand the Roman period of history.</p> <p>Text: What did the Ancient Romans do for me? or Roman Myths Text Type: Non-Fiction</p> <p>These non-fiction texts are based around how this ancient civilisation has impacted society today.</p> <p>Text: Autumnal Poetry Text Type: Poetry Children study autumnal poetry to</p>	<p>Text: Beneath the Ice or A Matter of Life and Death Text Type: Non-Fiction</p> <p>These non-fiction texts are based around historical events in the Polar regions to support their understanding of the region and its dangers.</p> <p>Text: Arctic Dreams or Ice Breaker Text Type: Fiction</p> <p>These Project X narrative books are set in the Polar Regions to support the children's understanding of the environment.</p> <p>Text: Arctic Dreams Text Type: Poetry Children study winter themed poetry to</p>	<p>Text: Choc-Bots Charge or The Chocolate Finger Text Type: Fiction</p> <p>These Project X texts are based around the topic of chocolate to link to their work on the Mayans</p> <p>Text: Choc Chaos or The Chocolate Connection Text Type: Non-Fiction</p> <p>These non-fiction texts provide factual information around the sourcing, production and distribution of chocolate.</p>	<p>Text: Hard Times Text Type: Non-Fiction</p> <p>This text provides factual information about the Victorian era, focusing on the lives of children.</p> <p>Text: Oliver Twist Text Type: Fiction</p> <p>These differentiated versions of the story give children the opportunity to explore the life of a Victorian child and compare how it differs from their life.</p> <p>Text: The Sewer Sleuth Text Type: Fiction</p> <p>This story asked the children to compare many differences between the Victorians and today whilst</p>	<p>Text: How it works Text Type: Non-Fiction</p> <p>Information text about navigating around London.</p> <p>Text: City Sounds After Dark Text Type: Poetry</p> <p>Poem describing a big city after dark.</p> <p>Text: Paddington Text Type: Fiction</p> <p>Chapter 1 of the story describing Paddington's arrival in the UK.</p> <p>Text: Green London Text Type: Non-Fiction</p> <p>Information text about the range of parks and activities available in London's green spaces.</p>	<p>Text: This Morning I Met a Whale – Michael Morpurgo Text Type: Fiction</p> <p>Novel based around the ocean to allow children to develop their understanding of characters and plot.</p> <p>Text: Kensuke's Kingdom - Michael Morpurgo Text Type: Fiction</p> <p>Novel based around the ocean to allow children to develop their understanding of characters and plot.</p>

	support their understanding of composing poetry and as well analysing the language used.	support their understanding in writing and about how poets produce and construct verses.		making predictions about character behaviour and responses.	Text: The Seaside Holiday Text Type: Poetry Poetry set around the seaside.	
Maths	<p>Topic: Place Value Children will develop their knowledge of place value of 4 digit numbers as well as demonstrating their understanding through different representations.</p> <p>Topic: Written methods The children will be taught / consolidate a formal written method for all 4 operations.</p> <p>Topic: Rounding Children will be taught to round whole numbers to the nearest 10 and 100</p> <p>Topic: Adding fractions Children will be taught to add fractions with the same denominator within and over one whole.</p> <p>Topic: Roman Numerals</p>	<p>Topic: Fractions The children are taught to find fractions of shapes and draw representations of fractions through shapes.</p> <p>Topic: Fractions The children are taught to find simple fractions of amounts using times tables and written division to support.</p> <p>Topic: Area & Perimeter The children are taught to find and draw the area and perimeter of simple shapes by counting squares.</p> <p>Topic: Triangles & 2d shapes The children are taught to identify different types of triangle and classify other 2d shapes by</p>	<p>Topic: Written methods The children will be taught / consolidate a formal written method for all 4 operations.</p> <p>Topic: Pictograms and basic bar charts The children are taught how to identify and read the scale on pictograms and bar charts and interpret data presented.</p> <p>Topic: Units of measure Children to look at converting between units of measurement and applying this to problem solving.</p> <p>Topic: Geometry Children are taught to identify angles with 2D shapes.</p> <p>Topic: Area & Perimeter</p>	<p>Topic: Ordering, counting on and rounding Children to practice ordering numbers, including decimals, counting on in multiples of 10, 100 and 1000 and rounding whole numbers and decimals to the nearest 10, 100 and 1000.</p> <p>Topic: Multiplication Children to practice and develop their understanding of written multiplication up to 2 by 2 digit numbers.</p> <p>Topic: Division Children to practice and develop their understanding of written division up to 1 by 3 digit.</p> <p>Topic: Time</p>	<p>Topic: Negative numbers Children to practice adding and subtracting positive and negative numbers moving through zero.</p> <p>Topic: Measuring capacity Children to apply knowledge of capacity to converting between units, estimating and reading scales.</p> <p>Topic: Multiplying and dividing money Children to use their written methods to support them in multiplying and dividing decimals in the context of money.</p> <p>Topic: Time Children to practice reading analogue time and converting this to digital time. Children to apply this to calculating</p>	<p>Topic: Word problems Children to apply written methods across all 4 operations and fractions to real life word problems</p> <p>Topic: Roman Numerals Children to read, write and calculate Roman Numerals up to 100.</p> <p>Topic: Estimating and checking Children to use rounding to support estimating of calculations and then written methods, including the inverse, to check answers.</p> <p>Topic: Review Children to review topics as appropriate to the set according to assessment data.</p> <p>Topic: Review</p>

	<p>Children will be taught to read and write Roman Numerals up to 100</p>	<p>their simple properties.</p> <p>Topic: Units of time The children are taught the basic units of time including seconds, minutes, hours, week, month, and year.</p> <p>Topic: Metric units of length, weight & capacity The children are taught the base value of litres, metres and kilograms and how to make simple conversions.</p> <p>Topic: Symmetry The children are taught to find lines of symmetry in regular and irregular 2d shapes.</p>	<p>Children to be taught how to measure accurately to calculate the perimeter of a shape and to apply a simple formula to find the area of a shape.</p> <p>Topic: Fractions Children to find fractions of amounts when the numerator is more than one.</p>	<p>Children to practice reading time on an analogue clock in 5 minute intervals.</p>	<p>passage of time in word problems.</p> <p>Topic: Fractions, ordering and rounding decimals</p> <p>Children to practice finding fractions of amounts, ordering fractions, and rounding decimals.</p> <p>Topic: Bar charts Children to read and interpret bar charts using a range of scales.</p> <p>Topic: Symmetry, coordinates and translations Children to plot, draw and translate shapes on a 1st quadrant coordinate grid. Children to draw shapes across a mirror line.</p>	<p>Children to review topics as appropriate to the set according to assessment data.</p> <p>Topic: Review</p> <p>Children to review topics as appropriate to the set according to assessment data.</p>
<p>Science</p>	<p><u>Animals including Humans</u> The children will be looking at the digestive system, human and animal teeth and their uses and food chains.</p>	<p><u>States of Matter</u> Children will learn about solids, liquids and gases, heating and cooling, ice, water and steam and know and understand the scientific terminology of condensation and evaporation.</p>	<p><u>Electricity</u> Children will be learning about batteries, switches and how to build simple circuits. They will also learn to draw diagrams of circuits. They will develop their understanding of</p>	<p><u>Electricity</u> This term children will be using their knowledge of electricity to learn how electricity has changed our lives as well as conducting a range of investigations to explore electricity.</p>	<p><u>Living things & their habitats</u> Children will learn to identify what makes something 'living' and then to be able to further classify vertebrates and invertebrates. They will also look at exploring a range of habitats and</p>	<p><u>Sound</u> Children will be exploring sound, the effect of distance on sound, volume and pitch and sound proofing.</p>

			electrical conductors and insulators.		the impact of environmental changes.	
Computing	<u>Blogging/wiki.</u> Children to understand what Wikipedia is and how it is used by others. The children collaborate to blog their experiences in year 4, commenting and editing on work.	<u>Floor turtles.</u> The children explore physical coding, programming, testing and debugging programmes for errors.	<u>Scratch</u> The children create a game through complex coding and algorithms and variables.	<u>Research /present.</u> This unit is an introduction to PowerPoint, formatting images, inserting text, website researching.	<u>Green Screen.</u> Linking to work in Geography, the children will be looking at weather symbols, creating equipment to measure the weather, writing and performing a weather report	<u>Lego – Sailboat Sam.</u> This unit includes more complex coding, debugging and algorithms.
French	<u>All about me</u> The children revise previous vocabulary learnt as well as learning new greetings. The children will be introduced to the French link school and later in the half term they will send a pop card to the French school.	<u>Birthdays</u> The children will develop their counting skills and learn the date of their own birthday. They will design their own invitation to a party, using an ICT app.	<u>What I am good at</u> The children will create a short presentation about themselves. They will also look at the replies from the French link school and draft a response email.	<u>Festivals</u> The children will learn about traditional French festivals and traditions and will develop their independent reading skills. They will also look at the French pupils' replies and create a response.	<u>Portraits</u> The children will develop dictionary skills and will learn the position and agreement of adjectives within sentences.	<u>Portraits and stories</u> The children will revisit the sequencing and retelling of stories. They will make their own story books using familiar language.
PE and Games	<u>PE: Gymnastics and Dodgeball</u> <u>Games: Hockey or football</u> The children will develop their skills across a sequence of lessons. They will develop a range of core movements in a controlled manner before utilising apparatus.	<u>PE: Badminton and health related fitness exercises</u> <u>Games: Hockey or football</u> The children will develop their skills and techniques through focussed teaching points. They will review the progress they have made through feedback.	<u>PE: Dance and Outdoor Athletic Activities</u> <u>Games: Tag ruby or basketball</u> The children will develop team work and communication skills in the context of a range of team games.	<u>PE: Dance and Netball</u> <u>Games: Tag ruby or basketball</u> The children will develop the progress they have made in the last half term as well as learning a new team game.	<u>PE: Athletics and Cricket</u> <u>Games: Athletics</u> The children will improve their coordination in the development of fundamental athletic skills.	<u>PE: Tennis and Rounder's</u> <u>Games: Rounder's and Cricket</u> The children will develop their knowledge of the rules of rounder's as well as their hand – eye coordination through practising the skills of throwing, catching and pitching.

History	<u>The Romans</u> Study the invasion of Britain, Boudicca's rebellion, Hadrian's Wall and the impact of Roman roads then and now.		<u>The Mayans</u> Study of Mayan culture, customs and beliefs. Looking at their number system, discoveries and buildings.	<u>The Victorians</u> Study of some key events in Victorian times, how this compares to life now, the impact of their inventions and lifestyle and our locality.		
Geography		<u>Polar Explorers</u> A study of both Polar Regions, key geographical features, animals, climate, latitude & longitude, compass points and survival.			<u>Location, location, location</u> A study of the UK, locating key towns and cities, geographical features, climate and land use.	<u>Water</u> A study of water usage in the UK and around the world, how this impacts how we live and work and water conservation, Locating oceans.
RE		<u>Hinduism</u> The children will look at what it means to 'belong' and the benefits this brings for the individual and the group. They will then apply this to the religion of Hinduism and how Hindu's support their families and the wider community and how this is taught through their holy book.	<u>Hinduism</u> The children will be using their understanding of Hinduism to learn about the festivals celebrated including Diwali as well as key figures in the religion.		<u>Hinduism</u> The children will look at how Hindus use their teachings to support their daily lives including life cycles, pilgrimage and marriage.	
PSHE	<u>Aspirations</u> The children will identify their own strengths and set goals to work towards. They will discuss changes that can occur in life			<u>Relationships</u> The children will discuss the meaning of perseverance and building resilience. They will develop their communication and		<u>Diversity</u> The children will learn about being part of a community and begin to show an awareness of issues affecting different communities

	and discuss strategies to help cope with any challenges.			teamwork skills by working together to discuss and find solutions.		and groups. They will reflect on how people can take action and have a positive contribution in their own community.
Art	Mosaics The children will be using their knowledge of the Romans to support the creation of a repeating pattern in the style of a Roman mosaic.		Clay 3D models The children will study traditional Mayan stelae – the key design features and structures. Children will then design, make and evaluate their own stelae.	Sketching The children will study shapes that appear in Victorian architecture and how to draw them. Children will then focus on Victorian viaducts and using sketching techniques create their own sketch of the local landmark.		
Design Technology		Shelters The children will be using igloos as the focus we look at a range of structures, their usage, function and form. We study the science behind an igloo’s warmth and structure then make our own.			Packaging design With an eco-slant the children will look at a range of packaging available in the UK. Linking to the text of Paddington, the children will design and make their own sandwich wrapper.	Airboats The children will be using a range of materials the children will look at different ways to join, the science behind floating and aim to make a motor powered airboat.
Enrichment	Roman Day External provider Children have the opportunity to learn about Roman soldiers and gladiators, try on replica costumes and observe and handle replica items.	Polar Explorer Day External provider Children have the opportunity to hear and ask questions from a Polar Researcher try on polar equipment and conduct experiments	Chocolate day In house provision Children to use their knowledge of Mayan chocolate to create truffles and hot chocolate using ingredients to replicate	Victorian Week Victorian Museum External provider & Wolverton Walk In house provision Museum: Children to walk to the local museum for a tour of a	Residential Aylmerton residential. External provider This is an optional residential visit that focuses on a coastal study.	Water Day External provider The education officer from the water treatment plant in Leighton Buzzard supports children’s understanding of the

		to replicate glacier movement.	traditional Mayan chocolate tastes.	<p>Victorian farmhouse. This allows them to experience and understand leisure activities, day to day chores and schooling.</p> <p>Walk: The walk around the community highlights key Victorian buildings and their historical usage, uncovers ruins of important buildings and how the town was built up and developed.</p>	<p>Day trip to Ruislip Lido External provider</p> <p>This day trip is to ensure that all children have experienced a beach to support their persuasive writing in school.</p>	importance of cleaning our water supply and educating them about reducing pollution in our river systems.
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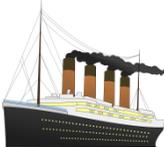
Year 5

Curriculum Overview



YEAR 5 CURRICULUM OVERVIEW 2018 - 2019



	Autumn Term 1 <i>Home & Away</i> 	Autumn Term 2 <i>Ancient Egypt – Myths & Legends</i> 	Spring Term 1 <i>The Titanic</i> 	Spring Term 2 <i>Earth & Space</i> 	Summer Term 1 <i>Journeys</i> 	Summer Term 2 <i>Journeys</i> 
Writing	<p>Text Type: Description Context: Akimbo and the Elephant Children to write a scene setting for an African narrative. (1 week) Fiction</p> <p>Text Type: Narrative Context: Akimbo and the Elephant Children to write a 3rd person narrative. (2 weeks) Fiction</p> <p>Text type: Persuasive Letter Context: Elephant Poaching Children to write a letter persuading the prime minister to help stop elephant poaching. (1 week) Non-Fiction</p> <p>Text Type: Non-Chronological Report</p>	<p>Text type: Non-chronological report Context: Mythical Creatures Children to write information about their own mythical creature. (2 weeks) Non-Fiction</p> <p>Text type: Narrative Context: Myths Children to write their own mythical narrative using their mythical creature. (2 weeks) Fiction</p> <p>Text Type: Description Context: Howard Carter Children to write a description of Howard Carter finding King Tut's tomb. (1 week) Fiction</p> <p>Text type: Poetry Context: Winter</p>	<p>Text Type: Explanation Letter Context: Sully Children to write an explanation letter detailing the events of the Hudson river landing. (2 weeks) Non-fiction</p> <p>Text Type: Recount (diary) Context: The Titanic Children to write a diary entry of what happened to the Titanic exploring the feelings of what it would have been like on board. (2 weeks) Fiction</p> <p>Text Type: Poetry Context: The Titanic Children to write their own Titanic themed poetry. (1 week) Fiction</p>	<p>Text Type: Narrative Context: La Luna Children to write a 3rd person narrative based on the short film 'La Luna'. (2 weeks) Fiction</p> <p>Text Type: Information text (Leaflet) Context: Space Centre Children to create leaflet about the Space Centre. (1 week)</p> <p>Text Type: Balanced Argument Context: Did the moon landings happen? Children to debate whether the moon landing was real or faked. (2 weeks) Non-fiction</p>	<p>Text Type: Narrative Context: The Arrival or The Way Back Home Children to retell a 3rd person narrative. (1 week) Fiction</p> <p>Text Type: Description Context: The Arrival or Ratatouille Children to describe the scene from the given context. (2 weeks) Fiction</p> <p>Text Type: Flashback Context: The Arrival or Ratatouille Children to write a flashback based on the given context. (1 week) Fiction</p>	<p>Text Type: Description Context: Anglo Saxon journey Children to write a description of the Anglo-Saxons reaching England for the first time. (1 week) Fiction</p> <p>Text Type: Narrative Context: The Heart in the Bottle Children to write their own version of The Heart in the Bottle. (2 weeks) Fiction</p> <p>Text Type: Letter Context: Shrek's journey Children to write a letter to a friend explaining Shrek's journey. (1 week) Non-Fiction</p>

	<p>Context: Ghana Children to write a report about Ghana. (2 weeks) Non-Fiction</p>	<p>Children to explore different types of poetry before writing their own. (1 week) Fiction</p>		<p>Text Type: Suspense Narrative Context: Space Adventure Children to write a suspense narrative based in space. (1 week) Fiction</p>		<p>Text Type: Performance Poetry Context: Classic poems Children will develop their speaking and listening skills by performing well known poems. (1 week) Poetry</p>
<p>Reading</p>	<p>Text: Akimbo and the Elephant Text Type: Fiction</p> <p>To link with our topic of Ghana and to enhance our writing, children will read the story of Akimbo and the Elephants to understand more about African culture and elephant poaching.</p> <p>Text: Ghana Text type: Non-fiction</p> <p>Children will explore non-fictions texts to understand more about Ghana.</p>	<p>Text: The Rabuneagle and The Sneaglgor Text Type: Non-Fiction</p> <p>These non-fiction texts explore mythical creatures which will link to our writing about myths and mythical creatures.</p> <p>Text: The Search for Tutankhamun and Tutankhamun's Gold Text Type: Non-Fiction</p> <p>These non-fiction texts will enhance the children's understanding about the finding of King Tut's tomb.</p> <p>Text: Myths & Legends Text Type: Fiction</p> <p>Children will read a story linked to our topic of Myths & Legends and</p>	<p>Text: George's Secret Key to the Universe Text Type: Fiction</p> <p>Children will begin to read Stephen Hawking's adventure story about Cosmos- the world's most powerful computer.</p> <p>Text: Boom! Text Type: Fiction</p> <p>Children will begin to read the story of Boom! They will meet Jim and Charlie, the main characters, and find out what goes 'Boom!'</p>	<p>Text: George's Secret Key to the Universe Text Type: Fiction</p> <p>Children will continue to explore Stephen Hawking's adventure story where they will explore the balance between Science and saving the environment.</p> <p>Text: Boom! Text Type: Fiction</p> <p>Children will continue to explore the story of Jim and his best friend Charlie and their adventure in space. They will explore how the friendship develops throughout the novel and identify the different viewpoints of each character.</p>	<p>Text: The Arrival Text Type: Fiction</p> <p>This picture book explores the powers of illustrations to tell a story. Children will use their detective minds to make their own conclusions about the plot.</p> <p>Text: Journey to the Centre of the Earth Text Type: Fiction</p> <p>This Project X book explores a group of adventurers' journey to the centre of the Earth to link with our topic of journeys.</p> <p>Text: The Jumblies Text Type: Poetry</p> <p>This nonsense poem by Edward Lear broadens the children's understanding of different types of poetry.</p>	<p>Text: Barrowquest Text Type: Fiction</p> <p>This non-linear text helps children understand how a non-linear text is written and the variety of options available in this text type.</p> <p>Text: Classic Poems Text Type: Poetry</p> <p>Children will read aloud and explore a variety of classic poems to develop their speaking and listening skills.</p>

		understand the change in character.				
Maths	<p>Number and Calculation</p> <p>Topic: Calculation (Addition and Subtraction) Children will be taught / consolidate a formal written method for addition and subtraction using a formal column method up to 5 digits.</p> <p>Topic: Calculation (Multiplication) Children will be taught a formal method for long multiplication, multiplying 3 digit numbers by 2 digit numbers. Children will also learn about factors and multiples and consolidate their understanding of multiplying by 10, 100 and 1000.</p> <p>Topic: Calculation (Division) Children will be taught a formal short division method, they will then learn when to round remainders and when to use decimal remainders. Children will also consolidate their mental methods dividing by 10, 100 and 1000.</p>	<p>Fractions, Decimals and Percentages</p> <p>Topic: Equivalent Fractions Children will learn to find equivalent fractions and the simplest possible fraction.</p> <p>Topic: Comparing and Ordering Fractions Children are taught to add and subtract fractions with different denominators and order fractions by size.</p> <p>Topic: Fractions of amounts Children will develop and consolidate their knowledge on finding fractions of amounts.</p> <p>Topic: Decimal fractions Children will learn to convert between fractions and decimals and compare fractions with decimals.</p> <p>Topic: Decimals Children will learn how to convert between decimals, fractions and percentages by recognising per cent relates to 'parts per hundred'.</p>	<p>Time and Measure</p> <p>Topic: Time Children will learn to convert time and use timetables.</p> <p>Topic: Volume Children will learn about volume and capacity and to calculate volume using standard units.</p> <p>Topic: Length Children will learn to convert between different units of measure including metric and imperial.</p> <p>Topic: Measure Children will consolidate their learning by answering problems involving all types of measure.</p> <p>Topic: Properties of Shape Children will consolidate their skills in identifying angles and will learn to draw and measure angles.</p>	<p>Shape and Statistics</p> <p>Topic: Properties of Shape Children will learn to identify 3D shapes and calculate missing angles.</p> <p>Topic: Geometry – position and direction Children will learn how to translate and reflect shapes.</p> <p>Topic: Statistics Children will answer questions on line graphs using sum and difference. They will also complete, read and interpret tables.</p> <p>Topic: Number and Place Value Children will consolidate their skills in using negative numbers, roman numerals and will round numbers including decimals.</p> <p>Topic: Written Methods Children will consolidate their use of written methods in the context of multi-step word problems.</p>	<p>Topic: Fractions Children will consolidate and extend their understanding and use of fractions.</p> <p>Topic: Measure Children will consolidate and extend their use of measure in reasoning problems.</p> <p>Topic: Statistics Children will consolidate and extend their understanding of statistics based questions.</p> <p>Topic: Shape Children will consolidate and extend their understanding of angles – drawing, measuring and calculating.</p> <p>Topic: Geometry Children will consolidate and extend their use of translation and reflection.</p>	<p>Topic: Fractions, Decimals and Percentages Children will consolidate and extend their skills in converting between fractions, decimals and percentages.</p> <p>Topic: Algebra Children will begin to use simple algebraic equations to support their understanding of word problems.</p> <p>Topic: Scaling Children will explore methods of scaling using multiplication and ratios.</p> <p>Topic: Maths Investigations Children will apply their mathematical skills to a variety of investigations and word problems.</p>

	<p>Topic: Number Children will learn about square and cubed numbers, prime and composite numbers and will consolidate their skills in counting forwards and backwards mentally.</p>					
Science	<p>Forces Children will learn about gravity, air resistance and water resistance through hands on experiments. They will then explore how levers, pulleys and gears work.</p>	<p>Materials Children will learn about different materials through hands on experiments. They will explore how to create a mixture and whether reactions are reversible and irreversible based on their properties.</p>	<p>Animals and Humans Children will create a timeline to indicate stages of growth in humans. They will also explore reproduction in animals.</p>	<p>Earth and Space Children will learn about how planets move in Solar System, they will explore night and day and understand the vast difference in size of the planets.</p>	<p>Living Things and their Habitats Children will explore the life cycles of animals and plants, they will identify the differences in life cycles and develop an understanding in how plants reproduce.</p>	<p>Science investigations Children will consolidate and extend their learning from the year looking in more detail at Habitats and Forces in particular.</p>
Computing	<p>E-safety Children to understand how to use the internet safely using online games.</p> <p>FMS Logo Children will create simple algorithms and learn to debug programmes by creating their own digital tessellations.</p>	<p>Wikis Children will create their own wiki page based on their Egyptian research.</p>	<p>Programming - Mindstorms Children will be introduced to methods of programming Mindstorms. They will design different solutions to problems and debug any problems or errors.</p>	<p>Programming - Mindstorms Children will develop their programming skills by programming stunt sequences along with other Mindstorms to create a performance.</p>	<p>Blogging Children will explore the world wide web to create a blog about their trip to the Space Centre.</p>	<p>Cryptography Children will understand the variety of encryption methods including Morse code, semaphore and Caesar ciphers.</p>
History		<p>Ancient Egypt Children will explore artefacts which tell us more about what it would be like in Ancient Egypt. They will further develop their understanding of chronology and how</p>	<p>The Titanic Children will study a period of modern history – the sinking of the Titanic. They will explore what it would have been like on board, understand the main events of the</p>		<p>The Anglo-Saxons Children will explore the Anglo-Saxons' journey to Britain, why they came to Britain and the effect it had on Britain. They will further develop their understanding of where</p>	

		the Egyptians fit into Ancient History.	sinking and explore the impact this had.		this fits into British History.	
Geography	Ghana A study of the different types of settlements and amenities available in Ghana. Children will develop their map reading skills and compare Ghana to the UK.			Earth Children will consolidate their understanding of Earth and extend their understanding of Latitude and Longitude. They will then explore the physical characteristics of Earth including mountains, lakes and canyons.		Journeys Children will develop their use of maps, compasses and grid references and explain how these would be used on a journey.
RE		Islam (Belonging) Children will develop an understanding of the Islamic values and commitments.		Islam (Believing) Children will describe the role of sacred texts in establishing belief systems.	Islam (Behaving) Children will discuss the links between texts and concepts studied and the impact the believers' actions have on communities locally and globally.	
PSHE	Relationships and Wellbeing Children will develop their team working and collaboration skills in a variety of tasks. They will identify the different roles there are within communities and begin to discuss the cyclic nature of life.		Living in the World Children will begin to identify the need for confidentiality in situations and develop their communication skills. They will begin to understand the meaning of democracy, government and monarchy and understand organisations such as United Nations.			Substance Related Abuse Children will develop an understanding of the terms 'risk' and 'addiction'. They will learn why it is important to focus on keeping healthy and make healthy choices and understand how advertising influences choices.
Art	Printing and Weaving- Kente and Adinkra patterns Children will have a go at creating their own African prints and their	Great Artists- Egyptian Masks (Picasso and Warhol) Children will design and make their own Egyptian Mask themed to Picasso or Warhol's style or art.		Great Designers- Architecture and Fashion Children will study the architecture and fashion of the 1960s. They will also be encouraged to create		

	own weaving using traditional skills.			their own outfit for 60s day.		
Design Technology			<u>Moving Toys – cam mechanisms</u> Children will explore the market of moving toys and identify where there is a gap in the market. They will then design and make their own moving toy.		<u>Sewing – phone case</u> Children will develop their sewing skills before planning and creating their own smart phone case made of felt.	<u>Food - Bread</u> Children will explore the variety of bread products currently on the market before making their own bread roll which could be eaten with an Anglo Saxon stew.
PE/Games	Children will develop their serve and their stroke in badminton and learn balancing and pedalling skills in their new sport - cycling. In Games, children will develop and consolidate their dribbling and shooting skills in hockey and football.	Children will develop their posture, flexibility and stamina in dance and understand the offensive and defensive skills needed in basketball. In Games, children will continue to develop and consolidate their dribbling and shooting skills in hockey and football.	Children will develop their posture, flexibility and floor moves in gymnastics and will develop their problem solving and team work skills in OAA. In Games, children will develop their tackling and defending skills in tag rugby and develop their shooting and footwork in netball.	Children will continue to build on their gymnastics moves and will learn the key areas of health related fitness. In Games, children will continue to develop their tackling and defending skills in tag rugby and develop their shooting and footwork in netball.	Children will develop their fielding and striking skills in rounder's and applying these skills to full games. In PE and Games, children will develop a variety of athletic sports including running, throwing and jumping.	Children will develop their serve as well as their forehand and backhand in tennis. In PE and Games, children will continue to develop their striking and fielding skills in rounder's and cricket and apply these skills to games.
French	<u>Animals</u> Children will learn how to describe pets and farmyard animals. They will learn how to ask and answer questions about their pets and will write short sentences with opinions and conjunctions.	<u>Animals</u> Children will study a text about animals and develop their independent reading skill. They will identify features in a sentence and begin to write their own paragraphs about animals.	<u>Growing Things</u> Children will learn how to describe fruits and vegetables referring to their colour and size. They will develop their use of conjunctions to develop opinions and create their own French poem.	<u>The Planets</u> To link with our topic of Earth and Space, children will learn the names of the planets in French and describe them referring to size, colour and order from the sun. They will begin to develop their use of compound sentences and present their learning in a short planet book.	<u>Food</u> Children will practise sorting food items into gender and continue to consolidate their use of dictionaries. They will look at a French pizza menu and design their own pizza. To consolidate their learning, they will write their own instructions for making a pizza.	<u>Café</u> To extend children's learning of food items, they will describe which foods they like and dislike, understand a snack menu and prices and make their own menu. To consolidate their learning, they will perform a short role play.
Music	<u>Our Community</u> Children will develop their skills in composition and performance inspired	<u>Life Cycles</u> Children will focus on the structure of music studying the wide variety of musical	<u>At the Movies</u> Children will focus on developing their composition skills by exploring the music	<u>Solar System</u> Children will explore how our universe inspired composers including Debussy and	<u>Keeping Healthy</u> Children will focus on the use of rhythm and beat using their body to choreograph their	<u>Celebration</u> Children will focus on their performance skills. They will focus on singing in unison and

	by their local community. They will extend their performance to include conducting.	moods, styles and genres. They will compare a variety of styles by different composers and will use percussion and their own voices to create their own compositions.	from 1920s films to present day movies. They will explore and perform sound effects, identify the need for a change in tempo, explore soundtracks and create their own movie music.	Holst. They will identify the use of dynamics in music, identify the texture in a piece and begin to use notation. They will learn a song and compose pieces linked to space.	own rhythmic pattern. They will create their own accompaniments and use notation to play a bassline.	in harmony. They will use body percussion to accompany their performance and apply their singing techniques to improve their performance.
Enrichment	<p>Ghana Day In house provision</p> <p>Children have the opportunity to explore different crafts, music, activities and clothing from Ghana.</p>	<p>Hazard Alley trip External provider</p> <p>Children will visit the safety centre in Milton Keynes to understand more about safety in and outside of the home. Children will be hands on in all activities and even have a go at making an emergency call.</p>		<p>Space Centre External provider</p> <p>Children will visit the National Space Centre in Leicester where they will explore more about the space missions of the 1960s and learn more about space.</p> <p>60s day In house provision</p> <p>Children will be immersed in a day all about the 1960s! They will have a go at the classic 60s moves, understand TV in the 1960s and try to correctly identify historical events from modern history.</p>	<p>Anglo Saxon day External provider</p> <p>Children will be immersed in the life of an Anglo-Saxon, handle artefacts and have a go at creating their own Anglo-Saxon chant.</p>	<p>Residential – Whitemoor Lakes External provider</p> <p>This is an optional residential trip which focuses on developing team building skills and enabling children to challenge themselves physically and mentally with a variety of exciting outdoor challenges such as high ropes, canoeing and raft building.</p>

Year 6

Curriculum Overview



YEAR 6 CURRICULUM OVERVIEW 2018 - 2019



	Autumn Term 1 <i>WW2</i> 	Autumn Term 2 <i>Wolves</i> 	Spring Term 1 <i>Planet Earth</i> 	Spring Term 2 <i>The Abyss</i> 	Summer Term 1 <i>Vikings</i> 	Summer Term 2 <i>Theme Parks</i> 
Writing	<p>Text Type: Description Context: The Blitz Children to write use their senses to describe London during a bombing raid of WW2. Fiction</p> <p>Text Type: Recount Context: Evacuee Letter Children to write a letter back to their parents about their experience of being evacuated. Non-fiction</p> <p>Text type: Non-chronological report Context: Interview with a veteran Children to write questions and answers from the point of view of a WW2 veteran. Non-Fiction</p>	<p>Text Type: Description Context: Werewolf Transformation Children to write a description of a werewolf transformation. Fiction</p> <p>Text type: Traditional Tale Context: Little Red Riding Hood Children to use the story of Little Red Riding Hood from the wolf's perspective. Fiction</p> <p>Text type: Suspense Narrative Context: A Wolf in the Woods Children to imagine encountering a wolf while camping alone in the woods.</p>	<p>Text Type: Description Context: Endangered Animals Children to describe an endangered rainforest animal in detail. Non-Fiction</p> <p>Text Type: Non-Chronological Report Context: Rainforest Animals Children to use their research skills to present their learning about endangered animals. Non-Fiction</p> <p>Text Type: Explanation Text Context: Python Children to write a detailed account of how a python eats its prey. Non-Fiction</p>	<p>Text Type: Description Context: The Abyss Children to write a description of descending in to the Abyss. Fiction</p> <p>Text Type: Suspense Narrative Context: Diving in to the Abyss Children to write a suspense narrative about encountering an Abyss sea monster. Fiction</p> <p>Text Type: Non-chronological report Context: Diver Interview Children to write answers from the point of view of an experienced diver. Fiction</p>	<p>Text Type: Description Context: Time travel to the Viking era Children to write a description about travelling back in time to the Viking era. Fiction</p> <p>Text Type: Persuasive Writing Context: Recycling Children to write a letter to persuade their local community to recycle more. Non- Fiction</p> <p>Text Type: Description Context: The Clocktower Children to write a contrasting description of the scenes in 'The Clocktower'. Fiction</p>	<p>Text Type: Persuasive Context: Leaflet Children to create a persuasive leaflet attracting people to their theme park. Non-Fiction</p> <p>Text Type: Narrative Children to write their own narrative based on a selection of images. Fiction</p> <p>Text Type: poetry Context: Transition Children to reflect on their time at Bushfield by creating a poem.</p> <p>Drama Children to practise their skills of performing poetry .</p>

	<p>Text type: Narrative Context: Flashback Children to write a flashback narrative of a soldier remembering his time in war. Fiction</p> <p>Text type: Narrative Context: Suspense Children to write a story about a RAF dogfight during the Battle of Britain. Fiction</p> <p>Text type: Persuasion Context: Speech Children to write a persuasive speech as Winston Churchill. Non-Fiction</p> <p>Text type: Poetry Children to write poems based on the theme of remembrance. Fiction</p>	<p>Fiction</p> <p>Text type: Non-chronological report Context: Wolves Children to showcase their learning on wolves through producing an information page about the animal. Non-Fiction</p>	<p>Text Type: Suspense Narrative Context: Tsunami Children to write a story about witnessing a tsunami wave strike.</p>	<p>Text type: Non-chronological report Context: Mythical Creature Children to write an imagined information report on their house creature. Non-fiction</p> <p>Text type: Explanation Text Context: Miptor Guide Children to write an explanation leaflet on how to look after a pet 'miptor'. Non-fiction</p>	<p>Text Type: Suspense Narrative Context: The Lighthouse Children to retell the story of a lighthouse keeper's attempt to avoid a shipwreck. Fiction</p>	
<p>Reading</p>	<p>Text: War Horse, War Game, Hanna's Suitcase Text Type: Fiction</p>	<p>Text: White Fang Text Type: Fiction A classic text that tells the story of a wolf and</p>	<p>Text: Skills Booster Text type: Fiction and Non-fiction We focus in depth on essential reading skills</p>	<p>Text: Revision Text type: Fiction and Non-fiction We look at past papers to build confidence</p>	<p>Text: Revision Text type: Fiction and Non-fiction We look at past papers to build confidence with</p>	<p>Text: How to train your dragon Text Type: Fiction Novel based around a Viking warrior and his</p>

	<p>Tying in to our topic on WW2, we read a variety of novels that are set in the era.</p>	<p>man that become friends.</p> <p>Text: Non-fiction We study a range of non-fiction texts that are based around wolves and whether they deserve their reputation as fierce predators.</p> <p>Text: The Jungle Book Text Type: Fiction We study Rudyard Kipling's classic – in particular, the part where the wolf pack encounters baby Mowgli.</p>	<p>across a range of different pieces and text type.</p>	<p>with answering test questions.</p>	<p>answering test questions.</p>	<p>attempt to train a dragon.</p>
<p>Maths</p>	<p>Topic: Number The children will be taught / consolidate knowledge and understanding of place value to help them read, compare, order, and round numbers.</p> <p>Topic: Written methods The children will be taught / consolidate a formal written method for all 4 operations. This learning is continually revisited throughout the year.</p>	<p>Topic: Ratio & Algebra Children will be introduced to ratio notation and how to simplify ratios, before looking at solving ratio problems. Children will learn the order of operations when presented with an equation and how to solve missing number problems.</p> <p>Topic: Measure Consolidation of learning on converting units of measure as</p>	<p>Topic: Number We revisit and build on work from Autumn by rounding decimals and finding decimal equivalents of fractions. Children apply their understanding of number to negative numbers and identify patterns to help them complete number sequences.</p> <p>Topic: Fractions and decimals We extend learning to more calculations</p>	<p>Topic: Ratio/Proportion Children will extend their understanding of ratio to solve problems and applying to scale drawings.</p> <p>Topic: Measure Children will build on their knowledge of area by calculating area of other shapes such as triangles and parallelograms. Children will calculate, estimate and compare volume of cubes and</p>	<p>Topic: Revision Over this half term, topics from across the Maths curriculum are revisited to prepare children for sitting KS2 SATs.</p>	<p>Topic: Problem Solving Children have the opportunity to apply the Mathematical skills gained throughout the year to a range of problem solving projects that require strategic planning, reasoning and perseverance. There is also a heavier focus on mental calculations.</p>

	<p>Topic: Fractions & Decimals Children will develop their understanding of decimals and apply this to multiplying and dividing numbers by 10, 100 and 100. This will also help to develop children's calculation skills as they begin to apply the processes to decimal numbers.</p> <p>Topic: Geometry Children will estimate angles and calculate missing angles using their reasoning.</p> <p>Topic: Measurement Children will learn the relationship between metric units of measure and apply this to problems, including those involving area and perimeter.</p> <p>Topic: Fractions Children will build on their understanding of common factors and use this to help them simplify fractions and find equivalent fractions. Children will</p>	<p>well as problems solving.</p> <p>Topic: Statistics Using our knowledge of fractions and percentages, we look at pie charts, and linking to our work on measure, we look at conversion graphs. Children will also be taught how to calculate the mean.</p> <p>Topic: Geometry We compare and classify 2D and 3D shapes based on their properties, draw 2-D shapes using given dimensions and angles. This will also include work on circles where we will illustrate and name parts of circles, including radius, diameter and circumference. We will build on previous learning by describing positions on the full coordinate grid.</p>	<p>including division of decimals and expressing remainders as fractions and decimals. Children will also compare and order fractions.</p> <p>Topic: Measure & Statistics Children will solve measure word problems that involve decimal notation and reading scales.</p> <p>Topic: Geometry Children will recognise, describe and build simple 3-D shapes, including making nets.</p> <p>Topic: Algebra Children will learn how to use formulas and solve missing numbers in equations and sequences.</p> <p>Topic: FDP Children will add and subtract fractions with different denominators and mixed numbers, using the concept of equivalent fractions. Children will find fractions and percentages of quantities.</p>	<p>cuboids. This learning will then be applied to a range of problems.</p> <p>Topic: Statistics Children will interpret data presented in a range of ways, such as pie charts, line graphs and the mean. Children will also be asked to construct and calculate these for given sets of data.</p> <p>Topic: Geometry Children will transform shapes by reflecting and translating them on coordinate grids.</p>		
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	also learn how to add and subtract fractions.					
Science	<p>Light We build on prior learning, we explore how periscopes work.</p> <p>Electricity Building circuits and experimenting with conductors and insulators.</p>	<p>Living things and their habitats We study life cycles and classification of living things.</p> <p>Animals & Humans We look at the human skeleton, muscles, teeth, the digestive system, the circulatory system and the effect of diet and exercise.</p>	<p>Evolution & Inheritance We look at fossils and learn how they are formed while also looking at the work of Darwin and how characteristics are inherited. We also look at how animals are adapted to survive their environments.</p>	<p>Space We revise work on the Earth, Sun and Moon and their relationship to each other.</p>	<p>Materials & Forces We explore different types of forces and their effects, the properties of materials, and how changes can be made. We learn the different states of matter and how these can be altered. We also revise work on magnets and sound.</p>	
Computing	<p><u>We are Spreadsheet Masters</u> We explore how spreadsheets are used, why they are useful and how to use them effectively.</p>	<p><u>We are Scratch Masters</u> We build upon previous knowledge on Scratch by looking at how to sequence events and create interactive algorithms.</p>	<p><u>We are Market Researchers</u> We explore why market research happens and conduct our own for our 'cars of the future' using online questionnaire platforms.</p> <p><u>We are CAD Designers</u> We explore why computer aided design is used and create our own 'cars of the future' in CAD software.</p>	<p><u>We are Programmers</u> We look at what an algorithm is and how it works.</p>	<p><u>We are Programmers</u> We build upon our previous knowledge of Lego Mindstorms and explore controlling multiple bots at the same time.</p>	<p><u>We are Touch Typers</u> We will be looking at why touch typing is an important skill and how to do it successfully.</p>
History	<p><u>WW2</u> We explore different aspects of the war, from evacuees to rationing and the Battle of Britain.</p>				<p><u>The Vikings</u> We study the Viking way of life: their houses, weapons, boats and food.</p>	

Geography		<u>Wolves</u> Using map skills, we locate different countries around the world which wolves inhabit.	<u>Time Zones</u> Linking with work in Science, we learn about time zones around the world.	<u>Rivers</u> Using the Amazon as a basis for our learning, we find out about different parts of a river and how rivers effect the physical and human geography of its surrounding areas.		<u>Counties</u> We focus on learning the names and locations of counties in the UK.
RE		<u>Belief</u> We study the central beliefs of the religions Islam, Christianity, Hinduism.		<u>Belonging and behaving</u> Children study how beliefs impact on people's behaviour across three main religions. We also look at the role of prayer and how this is done in different religions.	<u>Compare</u> We look at the similarities and differences between different religions around the world by looking at religious texts, ceremonies and festivals.	
PSHE	Health and well-being: We will look at identifying strengths, weaknesses and goal setting.		Living in the wider world: We will look at how to budget and develop understanding of financial terms to ensure that children can become responsible with money.			Relationships: We will look at minority groups and to celebrate differences. We will also learn about healthy relationships.
Art		<u>Sketching</u> Children will study sketching techniques such as how to create tone and texture through sketching wolves.		<u>Oil pastel resist</u> Experimenting with the effect of resist techniques, children will create a picture of their own bioluminescent Abyss creature.		<u>Gaudi</u> Children create a mosaic in the style of a Gaudi after a focused study on the work of this famous artist and architect.
Design Technology	<u>Sewing</u> Inspired by the concept of 'Make, Do and Mend' children will		<u>Fixing & Joining</u> Inspired by sustainable energies, children design and create a		<u>Cooking</u> Children study food hygiene and develop recipes that may have	

	design and sew their own teddy bear for an evacuee child.		prototype for a car of the future.		been used in the Viking era, culminating in cooking a Viking banquet.	
French	<p><u>Weather</u> We will learn vocabulary and phrases to describe weather on a particular day. We will use this to help us understand a forecast and create our own using geography of France and its key cities.</p>	<p><u>Wolves</u> Children will read information texts about wolves in French: physical descriptions, habitat, food etc. We will also read a French version of Little Red Riding Hood and will retell & act out the story. We will also use skills in being able to say the time in French to play 'What's the time Mr Wolf?'.</p>	<p><u>Clothing</u> We will learn clothing words and link to weather to re-construct the story of "Quel temps fait-il, Berthe?". We will also look at the features of the story and create own adapted and illustrated version.</p>	<p><u>Responding to a story</u> We will learn the gender of French words and how to say 'my'. We will narrate the story of "Je m'habille et je te croque" and make our own mini-book version of the story.</p>	<p><u>German</u> We begin by learning greetings and playing language games to learn the numbers 1-12 and say our ages. Children will also learn how to ask for and say their name. We will be making links with French and English.</p>	<p><u>Spanish</u> We begin by learning greetings and playing language games to learn the numbers 1-12 and say our ages. Children will also learn how to ask for and say their name. We also learn the words for colours.</p>
Music	<p><u>World Unite</u> Children will be exploring rhythm and melody in singing, movement and dance. They will learn about beat, syncopation, pitch and harmony and take a trip around the world to celebrate the universal language of music.</p>	<p><u>Journeys</u> Following the theme of journeys, children will explore a variety of songs with thoughts of change and transition. They will use expressive singing with echoes, use harmonies to develop a song and use major and minor note patterns accurately to develop the mood of a song.</p>	<p><u>Growth</u> Children will develop their understanding of street music. They will use rhythm and movement to develop a performance and extend their skills in harmony and dynamics to develop their performance.</p>	<p><u>Roots</u> Children will learn about the traditional songs and percussion rhythms used in Ghana. They will use actions to enhance a performance, use percussion to create texture and create an appropriate finale.</p>	<p><u>Class Awards</u> Children will begin to work towards their leavers' assembly by combining their performance skills from the whole year. They will have a go at writing their own lyrics for a rap and compose their own short melody inspired by a work of art.</p>	<p><u>Moving On</u> Children will use two songs, one looking back and one looking forward to summarise their year. They will enhance their performance skills: singing with expression and sustained notes.</p>
PE	Children will develop competence in competitive sports such as badminton,	Children will develop flexibility, strength, technique, control and balance through	During Spring term, the children will also have OAA sessions where they are required to use problem solving skills and working as a team to solve challenges.	Running, jumping, throwing and catching skills are the focus of summer term as children develop skills in a range of athletic sports, cricket, rounders and tennis.		

	handball, hockey and football, where they will also learn attacking and defending principles.	weekly dance lessons using a range of movements and patterns. This will be taught alongside continued teaching of competitive sports: Basketball Hockey Football	Children will also build on coordination skills through learning of tag-rugby, netball, and gymnastics.			
Enrichment	<p><u>RAF Museum Visit</u> To support our learning on the role of the RAF and the Battle of Britain, we visit the RAF museum in Hendon to learn more about air raids during WW2.</p> <p><u>Theatre Visit</u> <u>Optional External Visit</u> Children choose to attend a performance of War Horse – the dramatic adaptation of Michael Morpurgo’s classic that is studied by some of the children.</p>	<p><u>Murder Mystery</u> We hold an optional murder mystery evening where children get to practise and apply their problem solving and reasoning skills in a fun way.</p>		<p><u>Viking Week</u> Erik the Viking External provider Children are visited by Erik Eriksson, a Viking expert, and are given the opportunity to handle Viking artefacts and find out about Viking life.</p> <p>Other activities in the week include designing and making Viking longships, shields and helmets, as well as cooking a Viking feast. We make time to play a Viking game of Kubb too.</p>	<p><u>Residential</u> Bournemouth residential. External provider</p> <p>This is an optional residential visit.</p>	<p><u>Drayton Manor</u> Children are rewarded for their hard work with a fun day out at Drayton Manor Theme Park. This ties in to their work on theme parks in both English and Maths.</p>