

Year 4 - Curriculum Overview 2017 - 2018

Subjects	Term 1 The Maya 	Term 2 Ancient Greece 	Term 3 Tudors 	Term 4 Tudors 	Term 5 Stone Age 	Term 6 Iron Age 
Literacy	<p>Dilemma Story, Narrative Information Text SPAG, Independent Reading, Guided Reading & Comprehension</p> <p>Mayan Creation Story NC – Organising paragraphs around a theme - Using simple organisation devices - Writing for a particular purpose</p>	<p>Poetry, Mythical Writing Journal Recounts SPAG, Independent Reading, Guided Reading & Comprehension</p> <p>Greek Myths & Legends NC – Discuss writing similarities and learn from its structure - Creating setting, characters and plot</p>	<p>Story in Narrative Verse Explanation Text Non-Chronological Reports SPAG, Independent Reading, Guided Reading & Comprehension</p> <p>Henry VIII's Wives NC – Discussing and recording ideas - composing and rehearsing sentences orally</p>	<p>Play script Evaluating Evidence Performance Poems SPAG, Independent Reading, Guided Reading & Comprehension</p> <p>Investigating Henry's Court NC – Assessing the effectiveness of their own and others' writing - Organising paragraphs around a theme</p>	<p>Historical Fiction Newspapers Persuasive Writing SPAG, Independent Reading, Guided Reading & Comprehension</p> <p>Stone Age Survival Stories NC – Creating setting, characters and plot - Proposing changes to grammar and vocabulary to improve consistency</p>	<p>Story from another Culture Persuasive Writing Non-Chronological Reports SPAG, Independent Reading, Guided Reading & Comprehension</p> <p>Iron Age Stories NC – Composing and rehearsing sentences orally - Creating setting, characters and plot - Use and understand of grammatical terminology</p>
Class Novel	<p>How to Train your Dragon by Cressida Cowell NC – Listening and discussing a wide range of fiction</p>	<p>The Dragonet Prophecy By Tui Sutherland NC – Reading books that are structured in different ways.</p>	<p>The Lost Heir By Tui Sutherland NC – Discussing words and phrases that capture the reader's interest and imagination.</p>	<p>The Hidden Kingdom By Tui Sutherland NC – Asking questions to improve their understanding of a text.</p>	<p>The Dark Secret By Tui Sutherland NC – Predicting what might happen from details stated and implied.</p>	<p>The Brightest Night By Tui Sutherland NC – Develop a love for reading.</p>
Numeracy	<p>Finding pairs of numbers with a total to 100; Learning times tables facts for 6 and 9 times tables. Tell and write time to the minute on analogue and digital clocks. Add two 3-digit numbers using column addition. Subtract using expanded column method.</p>	<p>Double 3-digit numbers and halve even 3-digit numbers. Identify equivalent fractions. Convert multiples of 100g into kilograms; red scales to the nearest 100 ml. Estimate capacities, draw bar chart. Use the grid method to multiply 3-digit by single-digit numbers and introduce the vertical algorithm.</p>	<p>Place 4-digit numbers on landmarked number lines. Use expanded written subtraction and compact written subtraction for 3-digit numbers. Learn the 7x table and tricky facts. Recognise and compare angles; draw lines of a given length. Sort 2D shapes according to their properties. Divide 2-digit and 3-digit numbers by 1 digit-numbers.</p>	<p>Recognise, use and compare decimal numbers. Add amounts of money using written methods and mentally using place value and number facts. Tell the time on a 24-hour clock. Calculate perimeters of rectilinear shapes. Understand place value in 4-digit number. Solve subtraction of 4-digit numbers. Use vertical algorithms to multiply numbers.</p>	<p>Read, write and compare 4-digit numbers. Multiply and divide numbers by 10 and 100 including decimals. Learn 11x and 12x tables. Recognise and write Roman numerals to 100. Sort 2D shapes according to properties. Revise equivalent fractions.</p>	<p>Mentally add 2-digit numbers to 3- and 4-digit numbers. Use factors and doubling to solve multiplication mentally. Solve written addition of two 4-digit numbers using column addition and 4-digit minus 4-digit subtraction problems. Use coordinates to draw polygons. Add fractions with like denominators. Multiply 2-digit numbers by 11 and 12.</p>
Science	<p>Humans and other animals – teeth, digestion and food chains NC - Describe the simple functions of the basic parts of the digestive system in humans - Identify the different types of teeth in humans and their simple functions - Construct and interpret a variety of food chains, identifying producers, predators and prey.</p>	<p>Sound NC - Identify how sounds are made, associating some of them with something vibrating - Recognise that vibrations from sounds travel through a medium to the ear - Find patterns between the pitch of a sound and features of the object that produced it - Find patterns between the volume of a sound and the strength of the vibrations that produced it - Recognise that sounds get fainter as the distance from the sound source increases.</p>	<p>Electricity NC - Identify common appliances that run on electricity - Construct a simple series electrical circuit, identifying and naming its basic parts, including cells, wires, bulbs, switches and buzzers - Identify whether or not a lamp will light in a simple series circuit, based on whether or not the lamp is part of a complete loop with a battery - Recognise that a switch opens and closes a circuit and associate this with whether or not a lamp lights in a simple series circuit - Recognise some common conductors and insulators, and associate metals with being good conductors</p>	<p>States of Matter NC - Compare and group materials together, according to whether they are solids, liquids or gases - Observe that some materials change state when they are heated or cooled, and measure or research the temperature at which this happens in degrees Celsius (°C) - Identify the part played by evaporation and condensation in the water cycle and associate the rate of evaporation with temperature.</p>	<p>Living Things and their Habitats NC - Recognise that living things can be grouped in a variety of ways - Explore and use classification keys to help group, identify and name a variety of living things in their local and wider environment - Recognise that environments can change and that this can sometimes pose dangers to living things.</p>	
ICT	<p>Program - Scratch 'Things for Sale'</p>	<p>Explore – Social Media Safety 'My Online Community'</p>	<p>Research - Kidsrex The key to key words</p>	<p>Produce – Word/Powerpoint Rings of Responsibility</p>	<p>Collect - Excel 'Show respect Online'</p>	<p>Share – Online Safety 'Private and Personal'</p>

Year 4 - Curriculum Overview 2017 - 2018

	<p>NC – Design, write and debug programs that accomplish specific goals. Use reasoning to explain how some simple algorithms work and to detect and correct errors</p>	<p>NC – Understand computer networks including the internet and the opportunities they offer for communication and collaboration.</p>	<p>NC – Use search technologies effectively and appreciate how results are selected and ranked.</p>	<p>NC – Select, use and combine a variety of software to create a range of content that accomplish given goals.</p>	<p>NC – Use sequence, selection and repetition in programs. Work with variables and various forms of input and output.</p>	<p>Information' NC – Use technology safely, respectfully and responsibly. Identify a range of ways to report concerns about content and contact.</p>
History	<p>The Maya NC - A Non-European Society that provides contrasts with British History.</p>	<p>Ancient Greece NC - A study of Greek life and achievements and their influence on the western world. The legacy of Greek or Roman culture (art, architecture or literature) on later periods in British history, including the present day.</p>	<p>Tudors – Royalty NC - The changing power of monarchs using case studies such as Henry VII, Henry VIII.</p>	<p>Tudors – Living Conditions NC - Changes in an aspect of social history, such as crime and punishment from the Anglo-Saxons to the present or leisure and entertainment in the 20th Century</p>	<p>The Stone Age NC - Changes in Britain from the Stone Age to the Iron Age. Late Neolithic hunter-gatherers and early farmers, for example, Skara Brae. Bronze Age religion, technology and travel, for example, Stonehenge.</p>	<p>The Iron Age NC - Iron Age hill forts: tribal kingdoms, farming, art and culture.</p>
Geography	<p>Longitude and Latitude Lines NC - identify the position and significance of latitude, longitude, North and South Hemispheres</p>	<p>Greece - Then and Now NC - Location Knowledge - Compare and Contrast present and past civilizations.</p>	<p>Voyage of Discovery Sir Francis Drake, John Cabot, John Hawkins NC - Location knowledge - Look at explorers journey and understanding what they discovered.</p>	<p>Voyage of Discovery NC - Location knowledge - Look at explorers journey and understanding what they discovered.</p>	<p>Scafell Pike NC - Location Knowledge - Look at ancient Stone Age civilization</p>	<p>Maps NC - Use maps, atlases and globes to locate countries and describe features studied. Use fieldwork to observe, measure, record and present the human and physical features in the local area using a range of methods, including sketch maps, plans and graphs, and digital technologies.</p>
DT	<p>Tortillas NC - Understand and apply the principles of a healthy and varied diet - Prepare and cook a variety of predominantly savoury dishes using a range of cooking techniques - Understand seasonality, and know where and how a variety of ingredients are grown, reared, caught and processed</p>	<p>Greek Pottery NC - Investigate and analyse a range of existing products - Understand how key events and individuals in design and technology have helped shape the world</p>	<p>Lever NC - Generate, develop, model and communicate their ideas through discussion, annotated sketches, cross-sectional and exploded diagrams, prototypes, pattern pieces and computer-aided design - Understand and use mechanical systems in their products</p>	<p>Tudor Houses NC - Use research and develop design criteria to inform the design of innovative, functional, appealing products that are fit for purpose, aimed at particular individuals or groups - Select from and use a wider range of materials and components, including construction materials, textiles and ingredients, according to their functional properties and aesthetic qualities</p>	<p>Stone Age Clay Artefacts NC - Understand how key events and individuals in design and technology have helped shape the world</p>	<p>Celtic Roundhouses NC - Evaluate their ideas and products against their own design criteria and consider the views of others to improve their work</p>
Art	<p>Mayan masks NC - To improve their mastery of art and design techniques, including drawing, painting and sculpture with a range of materials</p>	<p>Silhouette art NC - To create sketch books to record their observations and use them to review and revisit ideas</p>	<p>Tudor Roses NC - To improve their mastery of art and design techniques, including drawing, painting and sculpture with a range of materials</p>	<p>Landscapes NC - About great artists, architects and designers in history.</p>	<p>Cave Paintings NC - To improve their mastery of art and design techniques, including drawing, painting and sculpture with a range of materials</p>	<p>Celtic Lettering NC - To create sketch books to record their observations and use them to review and revisit ideas</p>
PE	<p>Swimming</p> <p>Outdoor Games NC - Use running, jumping, throwing and catching in isolation and in combination - Take part in outdoor and adventurous activity challenges both individually and within a team</p>	<p>High 5 Netball</p> <p>Dance NC - Develop flexibility, strength, technique, control and balance - Perform dances using a range of movement patterns</p>	<p>Invasion games</p> <p>Hockey NC - Play competitive games, modified where appropriate</p>	<p>Invasion games</p> <p>Cricket NC - Play competitive games, modified where appropriate</p>	<p>Swimming</p> <p>Athletics NC - Compare their performances with previous ones and demonstrate improvement to achieve their personal best.</p>	<p>Swimming</p> <p>Parkour NC - Develop flexibility, strength, technique, control and balance</p>
RE	<p>Christianity – The Bible Learn about Mary Jones and her work for a Bible and how it relates to all Christians. To think about what really matters to me and what I value.</p>	<p>Hinduism – One God or many Christianity – Christmas - Light Introduction to Indian religion and how they have many deities. Learn about the important of Christmas for Christians and</p>	<p>Christianity – Jesus the teacher To learn about the stories of Jesus and how affect Christians. To think about what these parables can teach me about myself.</p>	<p>Christianity - Easter To learn about the importance of Communion and what Easter means to Christians.</p>	<p>Christianity – Church Worship To learn about the different ways Christians worship and why they do it. To think about what worship tells me about Christians.</p>	<p>Hinduism – Worship and family life. To learn about the different ways Hindus worship and how important it is to them. To think about the differences and</p>

Year 4 - Curriculum Overview 2017 - 2018

Music	<p style="text-align: center;">how important Light is to them.</p> <p style="text-align: center;">Ukuleles</p> <p style="text-align: center;">NC - Play and perform in solo and ensemble contexts, using their voices and playing musical instruments with increasing accuracy, fluency, control and expression</p> <ul style="list-style-type: none"> - Improvise and compose music for a range of purposes using the inter-related dimensions of music - Listen with attention to detail and recall sounds with increasing aural memory - Use and understand staff and other musical notations <p style="text-align: center;">- Appreciate and understand a wide range of high-quality live and recorded music drawn from different traditions and from great composers and musicians</p> <ul style="list-style-type: none"> - Develop an understanding of the history of music 					<p style="text-align: center;">similarities of worship.</p>
PSHE	Encouraging others	Sharing Ideas	Listening to Others	Team Building	Empathy	Inspiration Overview
Trips/ visitors				Hampton Court – Linked with Henry VIII		