

St. Andrew's Junior School – Year 6 Long term plan 2018-19

Year 6	Autumn	Spring	Summer
	Democracy, Conflict & Peace	The Wizarding World of Harry Potter	The Lake District
Maths	<p><u>Place value</u> Read write order and compare numbers up to ten million. Round any number. Use negative numbers in context. Reasoning & Problem solving <u>Four rules</u> Standard written methods Factors, multiples and prime numbers. Squares and Cubes. Order of operations. Mental strategies Estimation. Reasoning & Problem solving. <u>Fractions</u> Simplifying fractions. Compare and order fractions. Linear number sequences. Adding fractions. Mixed Numbers. Multiplying & dividing fractions. Fraction and decimal relationship. <u>Percentages</u></p> <p><u>Geometry</u> Co-ordinates Translation Reflection</p>	<p><u>Decimals</u> Numbers to three decimal places Multiplying by 10,100,1000 Multiply decimals by whole numbers. Showing remainders as decimals Reasoning & Problem Solving <u>Percentages</u> Solve problems with percentages of amounts Percentage increase and decrease. <u>Algebra</u> Use simple formulae Linear Number Sequences Express missing number problems Find pairs of numbers with two unknowns Enumerate possibilities of combinations of two variables <u>Measurement</u> Read, write and convert standard metric measures Converting miles to kilometres Reasoning & Problem solving</p> <p><u>Perimeter, Area and Volume</u> Recognising area and perimeter are different. Using formulae for area and volume. Are of parallelograms and triangles Compare and estimate volumes of cubes and cuboids.</p> <p><u>Ratio</u> Reasoning and problem solving – ratio language and finding missing values using sizes of quantities and scale factors.</p>	<p><u>Shape</u> Draw 2D shapes from given dimensions and angles. Compare and classify shapes based on their properties. Recognise angles 3D shapes and nets. <u>Statistics</u> Interpret and construct pie charts & line graphs Calculate the Mean as an average.</p> <p><u>Circles</u> Illustrate and name parts of the circles.</p> <p>_____</p> <p><u>Key Stage Two SATS 2018 (practise paper).</u></p> <p>Reasoning and Problem Solving.</p>
English	<p><u>Ancient Greeks</u> House captain & Democracy speeches Manifestos - persuasion Myths and Legends Discussion Persuasion Hercules & Who Let the Gods out</p> <p><u>War Horse</u> Precis</p>	<p><u>Harry Potter</u> Themes Description of wizard Hogwarts Letter – formal and informal writing Map of Diagon Alley and wand design Hogwarts House design Inference and explanation Own wizards Duel rule list Fantastic beasts encyclopaedia entry Non-chronological report</p>	<p>Argument, persuasion & debate</p> <p>Reading and Grammar Revision</p> <p><u>Swallows and Amazons</u></p> <p>Lake District work: Recount, Persuasive letter, Poetry (metaphoric poetry and personification),</p>

	<p>Prediction Inference and explanation Themes Suspense & atmosphere Diary entry Letter home from front Newspaper Description (character and setting) Review and comparison between book and film Structured poetry (link to remembrance day).</p> <p><u>The Piano</u> Flashback description Flashback story</p> <p><i>Writing Workshops</i></p>	<p>Quidditch story board Harry Potter ghost story Fantastic beasts poem (free verse) Wizard's obstacle course instructions</p> <p>Science digestion – Explanation text.</p> <p>Reading / writing / S&L / SPAG assessments</p> <p><i>Writing Workshops</i></p>	<p>Mountains: Non Chronological brochure</p> <p>Performance</p> <p><i>Writing Workshops</i></p>
Science	<p>Light Travels in straight lines, seeing light directed or reflected into the eye, light sources, light and shadows.</p> <p>Electricity Effect of voltage on brightness and volume, comparisons and reasons for variations in function of components, circuit diagrams. (link to DT buggies)</p>	<p>Animals including humans Human circulatory system – heart, blood vessels, blood; impact of diet, exercise, drugs and lifestyle; How nutrients and water are transported within animals, including humans. <i>Link literacy explanations</i></p> <p>Evolution and Inheritance How living things have changed over time and information from fossils, offspring of same kind, although not identical, adaptation and evolution possibilities.</p>	<p>Living things and their habitats Classification of living things (including micro-organisms, plants and animals) into broad groups, reasons for classifying based on specific characteristics</p>
History	<p><u>Ancient Greeks</u> Chronological understanding Using sources of evidence Cause and Change – similarities and differences and trends – How has the ancient civilisation influenced Britain today?</p> <p><u>War & Peace since 1914</u> A study of an aspect or theme in British history that extends pupils' chronological knowledge beyond 1066 A significant turning point in British history (the start of the European Union).</p>		
Geography	<p>Locating the world's countries focusing on Europe's countries and major cities.</p> <p><u>Geographical skills and fieldwork</u> Use maps, atlases, globes & digital maps on computers.</p> <p>Focus on Europe.</p>		<p><u>Place knowledge</u> The human and physical geography of a region of the United Kingdom. (<i>Lake District</i>)</p> <p><u>Human and physical geography (mountains)</u> The Himalayas, the Alps, The Andes, The Rocky mountains, The Appalachian</p>

			<p>The Atlas + location of major peaks. Mountain formation, Contour lines, effect on weather. Volcanoes.</p> <p>Geographical skills and fieldwork Use maps, atlases, globes, computers; 8 points of the compass, four and six figure grid references, symbols and key, Ordnance Survey maps Fieldwork to observe, measure, record – sketch maps, plans and graphs.</p> <p>Geographical surveys. Tourism</p>
D&T	<p>Britain – rationing and recipes (linked to history). Make do and Mend</p> <p>Structure – buggies (Henry Ford)</p>	<p>Food – healthy eating in 21st century and where food is sourced – Linked to science and PSHE (fruit smoothies – Harry Potter potion).</p>	
Computing	<p><i>PPA</i> Internet safety Scratch Programming</p> <p>Class Website (Google sites)</p> <p>Multimedia and word processing – BBC Dance Mat</p> <p>Web research - WW1 –create a non-linear presentation (hyperlinks).</p>	<p>Internet safety.</p> <p>Scratch Programming –</p> <p>Handling Data: Collecting Data and Using Spreadsheets (science)</p> <p>Communication and Collaboration – online communication tools and choices.</p> <p>Web research</p>	<p>Internet safety</p> <p>Scratch Programming Animation – Digital imagery</p> <p>Handling Data: Collecting Data and Using Spreadsheets (geography)</p> <p>Web research</p>
Art & Design	<p>Greek inspired art.</p> <p>The Nash brothers Paul Nash Art from WW1</p> <p>Proportion of the body and silhouette art</p> <p>Oil pastels poppies</p> <p>Christmas craft</p>	<p>Hogwarts Castle – silhouettes, perspective – Diagon Alley</p> <p>Clay dragon eyes or wands</p>	<p>Landscape, water colours (Lake District) Bill Lupton</p>
Music	<p>Charanga Classroom Jazz 2 Music from WW2 and its significance – Dame Vera Lynn & Glenn Millar BBC Archie Dobson's War Christmas concert</p>	<p>Flute <i>PPA</i> Famous composers – John Williams (Y5 Music Express – At the Movies)</p>	<p>Musical production</p>
Languages	<p>French <i>PPA</i> Autumn – 2nd half</p>	<p>French <i>PPA</i> Spring – 2nd half</p>	<p>French <i>PPA</i> Summer – 1st half</p>
PE	<p>Football – <i>PPA</i> Dance- Archie Dobson's war, Charleston Tag Rugby</p>	<p>Gym - Synchronisation and cannon (Head to teach during reading boosters)</p>	<p>Football – <i>PPA</i> Rounders Swimming Athletics</p>

		Gym – Counter balances and counter-tension High 5 – PPA	Adventurous – Lake District
PSHE	Being Me In My World Celebrating Difference	Dreams and Goals Healthy Me	Relationships Changing Me Secondary transition
RE	Humanism	The Jewish home - PPA The synagogue - PPA	Holy places in Islam The five pillars of Islam - PPA

For further information on the curriculum please contact the school and ask for an appointment with the class teacher and/or headteacher.