



St Andrew's C. Of E (V.C.) Primary School - Year Five Curriculum Map 2020-21

Subject	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Trips	Airbus Foundation Discovery Space			Stibbington Residential		Herts Young Mariners Base
Maths	Place value including numbers to 1,000,000, decimal numbers and negative numbers Multiply and divide by 10, 100 and 100; Properties of number Addition and subtraction - mentally and using formal methods Formal written method for multiplication and short division Equivalent fractions Compare and order fractions; Adding and subtracting fractions Roman numerals		Problem solving- all operations Multiply fractions by whole numbers Converting unit of measure Area, volume and capacity Percentages 3-D shapes from 2-D representations Reflection and translation perimeter Estimate, compare, measure and draw angles Identify unknown angles.		Formal Methods for division and multiplication to solve problems Fractions, decimals and percentages problem solving Solving problems involving scaling and conversion of imperial and metric units of measure Reading timetables and calculating time Solve problems involving the four operations Distinguish between regular and irregular polygons Use properties of rectangles Statistics- line graphs, charts and tables	
English	Report/Recount writing Diary writing about Tim Peake UFOs and Aliens: Investigating Extraterrestrial Visitors - Extreme! by Paul Mason UFO Diary by Satoshi Kitamura	Gothic Fiction Goth Girl and the Ghost of a Mouse by Chris Riddell Observational poetry	Traditional Tales - legends <i>Beowulf</i> by Michael Morpurgo	Persuasive writing Range of texts Poetic Style: You Wait Till I'm Older Than You by M Rosen Collected Poems by R McGough	Fantasy Fiction <i>Tales from Outer Suburbia</i> by Shaun Tan	Persuasive writing Using a range of texts Debate Poems Alternative Anthem: Selected Poems Sensational! poems inspired by the five senses
Science	Earth and Space Describe the movement of the Earth, and other planets, relative to the Sun in the solar system	Forces Explain that unsupported objects fall towards the Earth because of the force of	Properties and changes of materials Compare and group together everyday materials on the basis of their properties		Living things and their habitats Describe the differences in the life cycles of a	Animals (including humans) Describe the changes as humans develop to old age

	Describe the movement of the Moon relative to the Earth. Describe the Sun, Earth and Moon as approximately spherical bodies Use the idea of the Earth's rotation to explain day and night, and the apparent movement of the sun across the sky	gravity acting between the Earth and the falling object Identify the effects of air resistance, water resistance and friction, that act between moving surfaces Recognise that some mechanisms including levers, pulleys and gears allow a smaller force to have a greater effect	Know that some materials will dissolve in liquid to form a solution, and describe how to recover a substance from a solution Use knowledge of solids, liquids and gases to decide how mixtures might be separated Give reasons, based on evidence from comparative and fair tests Demonstrate that dissolving, mixing and changes of state are reversible changes Explain that some changes result in the formation of new materials, and that this kind of change is not usually reversible 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). Compare and group materials together, according to whether they are solids, liquids or gases. Identify the part played by evaporation and condensation in the water cycle and associate the rate of evaporation with temperature.	mammal, an amphibian, an insect and a bird Describe the life process of reproduction in some plants and animals		
RE	What does it mean if Christians believe God is holy and loving?	How and why do some people inspire others? Examples from religions <i>Christianity, Sikhism, Judaism, Islam</i>	How do festivals and family life show what matters to Jewish people?	What do Christians believe Jesus did to 'save' people?	Justice and poverty: why does faith make a difference?	How does faith enable resilience?
PHSE	Me and my relationships	Valuing Difference	Keeping myself safe	Rights and Responsibilities	Being My Best	Growing and Changing
Geography	European Odyssey: <ul style="list-style-type: none"> Understand similarities and differences (in both human and physical geography) between the UK and a region of Europe Locate and identify the world's countries (including Russia), focussing on the countries and cities of Europe. Explore geographical regions and key 		History focus this term		Local Geography/Field Study Draw sketch maps using symbols and a key. Use the eight points of a compass, 4 and 6 figure grid references. Use a range of viewpoints	History focus

	<p>topographical features (hills, mountains, coasts and rivers and land use patterns)</p> <ul style="list-style-type: none"> • Compare maps next to aerial photos • Explore mountains, including using models and maps to talk about contours, height and slopes. 		<p>from ground photos up to satellite images. Make a plan of an area with a scale Use digital maps and photographs at different scales Explore how characteristics have changed over time. Use fieldwork to observe, measure, record and present human and physical features in the local area. Including creating graphs, drawing plans from field data, annotated field sketches, data collection and comparisons between places.</p>		
<p>History</p>	<p>Geography focus this term</p>	<p>Anglo-Saxons and Scots Examine the transition from the Roman period and its way of life to Anglo-Saxon Britain.</p> <p>Discover how Christianity came to Britain.</p> <p>Examining the art, literature and religion of the period</p>	<p>Vikings Explore the power struggle between the Vikings and the Anglo-Saxons over territory. Explore Viking transport Examine the battle of Hastings and the power struggle. Focus on some influential Viking leaders (Dane law) Find out about resistance from Alfred the great and Athelstan first king of England</p>		<p>Maya Civilisation Explore the extent and location of the Maya civilisation. Find out about Mayan culture, arts and beliefs Explore the Maya's writing system and calendar Discover the Mayan creation story What caused the decline of the Maya civilisation?</p>

Art	Space Art – charcoal, pencils and pastels Experiment with blending and shading techniques using a range of materials – charcoal, pencil, pastels		Viking Dragon Art – sketching and painting Improve sketching and painting skills, including use of sketch books to collect ideas and experimenting with watercolour		Clay Explore different techniques to create Mayan inspired artwork.	Frida Kahlo – Artist study Sketching – portraits Use sketchbooks to make and improve self-portrait sketches.	
	DT	Create diet for Prepare and cook a variety of dishes using a range of cooking techniques.	Moving objects Design, make and evaluate Use of pulleys and levers	3D structures – Viking longboats Select from and use a wider range of materials and components, including construction materials according to their functional properties. Apply their understanding of how to strengthen, stiffen and reinforce more complex structures.		Food Tech – How chocolate is produced understand seasonality, and know where and how a variety of ingredients are grown and processed.	
Music	Glockenspiel 2 Learn to play the glockenspiel	Living on a Prayer Listen, describe and respond to music from using musical vocabulary : pitch, duration, dynamics, tempo, timbre	Fresh Prince of Belair Listen and appraise supporting tunes Playing instruments and improvising	Dancing in the Street Listen and appraise supporting tunes Playing instruments, improvising and composing	Reflect, Rewind, Replay Listen and appreciate a range of music.	End of Year production Perform and sing a range of songs.	
	French	Describe orally and in writing: animals, instructions, parts of the body, food and opinions		Describe orally and in writing: parts of the body, numbers, months of the year, and features of a face.		Describe orally and in writing: family members, clothing, colours, food and drink.	
PE	Dance – create and perform and Space inspired dance Copy, remember, repeat, mirror and explore skills and actions. Explore simple compositional ideas		Gymnastics Copy, remember, repeat, mirror and explore skills and actions		Swimming		
	OAA take part in outdoor and adventurous activity challenges both individually and within a team		Invasion Games – Tag Rugby Begin to learn simple tactics in games. Plan and use strategies, tactics and compositional ideas for pair, small-group and small team activities		Athletics/ Striking and Fielding –Rapid Fire Cricket Select skills, actions and ideas in PE activities and apply them with coordination and control. Start to show some understanding of simple tactics in games		
Computing	Exploring coding, online safety and databases		Spreadsheets and Game Creator		3D modelling and concept maps		
	Online Safety is also included within the PHSE curriculum						

Our Curriculum is based upon the children's interests and as a result the topic, trips and ideas shown above are for information only and are subject to change.