



St Andrew's C. Of E (V.C.) Primary School - Year Five Curriculum Map 2019 - 2020

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 Tales from Outer Suburbia 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 know that some materials will dissolve in liquid to form a solution, and describe how to recover a		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	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		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>Hindus, Sikhs, Jewish people, Muslims</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	Geographical skills: <ul style="list-style-type: none"> Use maps, atlases, globes and digital/computer mapping Use the eight points of a compass, four and six-figure grid references, symbols and keys Use fieldwork including sketch maps, plans and graphs. Study world's countries, using maps to focus on Europe Explore counties and cities of the United Kingdom. 		History focus this term		Geography linked to Maya civilisation <ul style="list-style-type: none"> Research the location and environment where the Maya lived. Describe and understand key aspects of physical geography Present human and physical features using a range of methods, including sketch maps, plans and graphs, and digital technologies. Use maps, and digital/computer mapping to locate countries and describe features studied 	
History	Geography focus this term		Viking and Anglo-Saxons <ul style="list-style-type: none"> Explore how the Vikings have shaped British culture and history by composing historically valid questions. Evaluate and assess the impact and significance made by some Anglo-Saxon kings and be able to explain how their actions have shaped British history. 		Mayans <ul style="list-style-type: none"> Develop a chronologically secure knowledge and understanding of world history, establishing clear narratives within and across the periods they study. Undertake an in-depth study of a non-European society that provides contrasts with British history - The Maya civilization. 	

		<ul style="list-style-type: none"> • Compare and contrast the modern day justice system with the Anglo-Saxon system, explaining and understanding the similarities and differences 	<ul style="list-style-type: none"> • Understand how our knowledge of the past is constructed from a range of sources. 	
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	Living on a Prayer Listen, describe and respond to music from using musical vocabulary : pitch, duration, dynamics, tempo, timbre Recorder course Learn to play the recorder	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. Be able to understand how to speak in the third person and tell a simple story.	
PE	Gymnastics Copy, remember, repeat, mirror and explore skills and actions OAA take part in outdoor and adventurous activity challenges both individually and within a team Funtrition Describe how your body feels during different PE activities. Explore reasons why warming up PE activities is important. Investigate why PE activities are good for your health	Dance - create and perform and Viking inspired dance Copy, remember, repeat, mirror and explore skills and actions. Explore simple compositional ideas 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	Swimming 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	Morphing images <ul style="list-style-type: none"> • Use 3D graphical modelling to create and explore objects • Create stop motion animations. 	Information Matters <ul style="list-style-type: none"> • Use spreadsheets software • Improve knowledge of inputting formulae 	Data Matters <ul style="list-style-type: none"> • Develop understanding of computer networks • Create databases
	Online Safety is integrated within the Computing and PHSE curriculum and is taught throughout the year		

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.