

Year: 6

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St James the Less Primary School

Yearly Overview 2021/22

<u>Subject</u>	<u>Autumn Term</u>	<u>Spring Term</u>	<u>Summer Term</u>
Topic:	<u>Battle of Britain</u>	<u>Ancient Greeks</u>	<u>Stone Age to Iron Age</u>
Diversity:	<p>Male and female scientists table names research</p> <p>Hinduism - World Faith Week</p> <p>Anti-bullying week</p> <p>European Day of Languages</p> <p>Black History Month - Harriet Tubman</p> <p>Gandhi - civil rights and equality</p> <p>Kamala Harris - first black women and</p> <p>Asian-American vice-president</p> <p>Harriet Tubman - slavery</p>	<p>Chinese Year</p> <p>Judaism- World Faith Week</p> <p>Down Syndrome day- March</p> <p>Parliament Week</p> <p>Transgender - Caitlyn Jenner</p> <p>Online safety</p>	<p>Olympic athletes table names - disabilities, gender, race</p> <p>Ramadan</p> <p>Eid</p> <p>Valuing differences</p> <p>Healthy week- female and male athletes</p> <p>Disability Awareness</p> <p>Relationships- SRE</p> <p>Online safety - peer pressure</p>

English	Novel based on a theme Biography	Classic fiction Persuasion - formal review Poetry - songs and lyrics	Older Literature Information text Hybrid Poems with imagery	Discussion texts Detective and Crime Fiction	Short stories with flashbacks Explanation text Classic narrative poetry	Novel as a theme Recount: autobiography Poems on a theme
Maths	Place value including decimals Mental and written addition Mental and written multiplication 2D and 3D shape Mental and written subtraction Mental and written division	Fractions, percentages, ratio and proportion Geometry - angles Statistics - pie charts Measurement - length inc perimeter and mass Measure - area and volume	Place value, sequences, coordinates 2D shape, coordinates, translation and reflection Measurement - temperatures and mean Calculating with fractions Mental and written division Mental and written multiplication	Mental and written subtraction Measurement - ratio and proportion, 2D and 3D shape, area, perimeter and volume of shapes Statistics - line graphs and pie charts	Place value - decimals and fractions Mental and written calculations Calculating fractions - ratio and proportion, coordinates - translation and reflection, algebra and sequences Measurement - length and time Statistics - mean	Measurement - mass, volume and capacity Mental and written calculations Fractions, place value and decimals, 2D and 3D shapes

<p>Science</p>	<p><u>Light:</u> Recognise that light appears to travel in straight lines Use the idea that light travels in straight lines to explain that objects are seen because they give out or reflect light into the eye Explain that we see things because light travels from light sources to our eyes or from light sources to objects and then to our eyes Use the idea that light travels in straight lines to explain why shadows have the same shape as the objects that cast them.</p> <p><u>Electricity:</u> Associate the brightness of a lamp or the volume of a buzzer with the number and voltage of cells used in the circuit Compare and give reasons for variations in how components function, including the brightness of bulbs, the loudness of buzzers and the on/off position of switches Use recognised symbols when representing a simple circuit in a diagram.</p>	<p><u>Living things and their habitats:</u> Describe how living things are classified into broad groups according to common observable characteristics and based on similarities and differences, including microorganisms, plants and animals Give reasons for classifying plants and animals based on specific characteristics.</p>	<p><u>Animals Including Humans:</u> Identify and name the main parts of the human circulatory system, and describe the functions of the heart, blood vessels and blood Recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function Describe the ways in which nutrients and water are transported within animals, including humans.</p> <p><u>Evolution and inheritance:</u> Recognise that living things have changed over time and that fossils provide information about living things that inhabited the Earth millions of years ago Recognise that living things produce offspring of the same kind, but normally offspring vary and are not identical to their parents Identify how animals and plants are adapted to suit their environment in different ways and that adaptation may lead to evolution.</p>
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Computing	<p><u>Computer Science:</u> Solve problems by decomposing them into smaller parts</p> <p>Use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs</p> <p>Design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller parts</p> <p>Use sequence, selection, and repetition in programs; work with variables and various forms of input and output</p> <p><u>Information Technology:</u> Select, use and combine a variety of software [...] to design and create a range of programs, systems and content that accomplish given goals, including</p>	<p><u>Computer Science:</u> Design, write and debug programs that accomplish specific goals</p> <p>Use sequence, selection, and repetition in programs</p> <p>Solve problems by decomposing them into smaller parts</p>	<p><u>Information Technology:</u> Select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information</p> <p><u>Computer Science:</u> Understand computer networks including the internet, how they can provide multiple services, such as the world-wide web, and the opportunities they offer for communication and collaboration</p>

	<p>collecting, analysing, evaluating and presenting data and information</p> <p><u>Digital Literacy:</u> Use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content</p>		
R.E	<p>Domestic Church Baptism/Confirmation Harvest Advent World Faith Week - Sikhism Catholic Social Teaching: Dignity of the human person.</p>	<p>Local Church - Community World Faith Week - Judaism Eucharist - Relating Lent/Easter - Giving</p> <p>CST 5 - The Dignity of Work and the Rights of Workers CST 6 - Solidarity</p>	<p>Pentecost - Serving Reconciliation - inter-relating Universal Church - World</p>
Geography	<p>Locate the world's countries, using maps to focus on Europe (including the location of Russia) and North and South America, concentrating on their environmental regions, key physical and human characteristics, countries and major cities.</p> <p>Use the eight points of a compass, four</p>	<p>Describe and understand key aspects of human geography, including: types of settlement and land use, economic activity including trade links, and the distribution of natural resources including energy, food, minerals and water.</p>	<p>Name and locate counties and cities of the UK, geographical regions identifying human and physical characteristics, key topographical features (including hills, mountains, coasts and rivers), and land-use patterns; and understand how some of these aspects have changed over time.</p> <p>Use fieldwork to observe, measure, record</p>

	and six-figure grid references, symbols and key (including the use of Ordnance Survey maps) to build their knowledge of the United Kingdom and the wider world.		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.
History	A study of an aspect or theme in British history that extends pupils' chronological knowledge beyond 1066.	A study of <i>Greek</i> life and achievements and their influence on the western world (legacy and democracy).	Changes in Britain from the Stone Age to the Iron Age.
Art	To improve their mastery of art and design techniques, including drawing, painting and sculpture with a range of materials (for example, pencil, charcoal, paint, clay).	To create sketch books to record their observations and use them to review and revisit ideas.	To know about great artists, architects and designers in history.
DT	Food - prepare and cook a variety of predominantly savoury dishes using a range of cooking techniques.	Evaluate their ideas and products against their own design criteria and consider the views of others to improve their work.	Understand and apply the principles of a healthy and varied diet.
Music	Develop an understanding of the history of music.	A study of <i>Greek</i> life and achievements and their influence on the western world. Appreciate and understand a wide range of high-quality live and	Play and perform in solo and ensemble contexts, using their voices and playing musical instruments with increasing accuracy, fluency, control and expression.

		recorded music drawn from different traditions and from great composers and musicians.	
PHSE	Families and friendships Safe Relationships Respecting ourselves and others Anti-bullying Week - WB 15 th November	Belonging to a community Media literacy and digital resilience Money and work Parliament week - WB 17 th January My Money Week	Physical health and mental wellbeing Growing and Changing (SE) Keeping Safe Healthy Week - WB 27 th June
PE	Skiing Take part in outdoor and adventurous activity challenges both individually and within a team. Compare their performances with previous ones and demonstrate improvement to achieve their personal best.	Invasion Games Play competitive games, modified where appropriate (for example, badminton, basketball, cricket, football, hockey, netball, rounders and tennis), and apply basic principles suitable for attacking and defending.	Dance and Gymnastics Perform dances using a range of movement patterns. Develop flexibility, strength, technique, control and balance.
MFL	Pupils will write phrases from memory, and adapt these to create new sentences, to express ideas clearly.	Pupils will understand basic grammar appropriate to the language being studied, including (where relevant): feminine, masculine and neuter forms.	Pupils will understand the conjugation of high-frequency verbs; key features and patterns of the language; how to apply these, for instance, to build sentences; and how these differ from or are similar to English.