



Curriculum Overview for: Year 5 Academic Year 2019_20

Subject	Autumn	Spring	Summer
English	<p>Class text: The London Eye Mystery (Siobhan Dowd)</p> <p>Talk for writing fictional texts: New scene in a story Recount to a friend Opening scene from a play – Text: Humpty. Poems conveying feeling, moods or reflections – Text: A list of small and happy things.</p>	<p>Class text: The Lion, the witch and the Wardrobe (C.S. Lewis)</p> <p>Talk for writing non-fiction texts: Instructions – Text: A simple card trick. Non-chronological reports – Text: Pirates at large! Traditional tales – Text: Axe soup. Talk for writing poetry: Narrative poems – The Blue Elephant.</p>	<p>Class text: Floodland (Marcus Sedgwick)</p> <p>Talk for writing non-fiction texts: Persuasive letters Talk for writing fictional texts: Writing from another character view – Text: The stormy rescue. Myths – Text: How night came. Talk for writing poetry: Performance poems – Text: Mysteries.</p>
Maths	<p>Maths No Problem Numbers to 1000,000 – Reading, writing, comparing, rounding Addition and subtraction methods Multiplication and division methods Revision of all times tables up to 12 Use of number facts up to 12x12 Reasoning</p>	<p>Maths No Problem Word problems Tables and graphs Fractions – Improper, mixed number, equivalent, comparing, ordering, adding, subtracting and multiplying. Use of number facts up to 12x12 Decimals Reasoning</p>	<p>Maths No Problem Percentage Geometry Position and movement Measurements Area and perimeter Volume Use of number facts up to 12x12 Roman numerals Reasoning</p>
Science	<p>Earth and space: To identify and understand: The planets, the moon, the sun, the four seasons and day and night.</p> <p>Forces: The effects, measuring force, gravity, friction, water resistance and air resistance. Scientific investigation.</p>	<p>Properties and changes of materials: Comparing materials, thermal conductors and insulators, separation techniques, reversible and irreversible changes. Variables. Scientific investigation.</p>	<p>Animals including humans: Human circulatory system, heart, blood vessels and blood. The impact of diet, exercise, drugs and lifestyle. Nutrients and water transportation. Living and growing: Classifying plants, animals and micro-organisms. Similarities and differences.</p>

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Computing	<p>Online Safety Coding: designing a digital game Deciphering codes and understanding encryption</p>	<p>Online Safety Creating digital art Introduction to web development</p>	<p>Online Safety Blogging Creating a virtual space</p>
History	<p>What did the Greeks do for us? To identify the Ancient Greek civilisation. To investigate the Greek alphabet and the contributions of Greek scholars. Similarities and differences between schools then and now and Ancient versus Modern Olympic Games.</p>	<p>Who won the battle between the Vikings and Anglo-Saxons? Britain before the Viking invasion. Why and how they invaded. How they settled. King Alfred the Great. Investigating the end of the Anglo-Saxon and Viking era.</p>	<p>Who were the great women who changed the world? To identify and understand the influence of Florence Nightingale, Marie Curie, Rosa Parks and Joan Clarke on our lives today.</p>
Geography	<p>Would you go on holiday on a mountain? Location and formation of mountains. Geographical features. Climate on a mountain. Tourist destination.</p>	<p>Where do all of our things come from? Understand natural resources. Identifying renewable forms of energy. Production of wood, steel and glass and the effects on the world. Carbon footprints.</p>	<p>How is our local area changing? To identify human and physical features of the local area and the changes. Using an 8 point compass, digital and OS maps. What will the future look like?</p>
Art and design	<p>Still life/imagined tone and shading - Using line, tone and shading to represent things seen, remembered or imagined in three dimensions. Artist: Giorgio Morandi Paint - Mixing colours to express mood, divide foreground from background or demonstrate tones. Artist: Renoir</p>	<p>Clay - Develop skills in using clay including slabs, coils and slips.</p>	<p>High quality collage - Adding collage to a background using a range of media, different techniques, colours and textures. Artist: Monet</p>
Design and technology		<p>3D structures – Strengthening techniques, making prototypes, using joints, holes and openings. Evaluating our work. Understanding food - Food groups and the different nutrients that are important for</p>	<p>Uses of mechanical and electrical systems - Understand how to use more complex mechanical and electrical systems. Designer/Architect: James Dyson. Grand finale – Using a wide range of methods</p>

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		health. Understand how a variety of ingredients are grown, reared, caught and processed. A wide range of techniques to combine ingredients.	to strengthen, stiffen and reinforce complex structures and use them accurately and appropriately. Applying they knowledge of computing to program, monitor and control their products. Designer/Architect: Christopher Wren
Religious Education	Prayer and Worship: Do you need a place to pray? Why do you need to pray? Symbols and Artefacts: How is religion represented in art?	Celebrations: Why do religions have celebrations? Religious Attire: Should everyone in a religion wear the same religious clothing?	Food and Mutual Respect: Can different religions live together in the world? Symbols or Images: Study religious building – compare and discuss
French	Holiday Seasons French revision: vocabulary	Eating out Family French revision: Vocabulary	Hobbies School trips French revision: Vocabulary
Music	Appraising music and listening for pulses and beat	Appreciation of different genres of music – hip hop, world music Listening and appraising music	Use and understand staff and other musical notation
Physical Education	Swimming Gymnastics Hockey: Team and individual skills	Netball/basketball: passing and shooting skills Dance	Athletics: field and track skills Outdoor adventure Striking/Fielding Games
PSHE	Being me in my world: understanding my rights and responsibilities as a British Citizen. Celebrating Differences: – understanding cultural differences	Dreams and Goals: create a garden of goals and dreams Healthy Me: make a happy, healthy me recipe book	Relationships: create a relationship fiesta Changing Me: fit together the six pieces of a tree of change
Educational Visits/experiences	British Film Institute Southbank- Maths and the movies event Art workshop – Still life (in school)	Science candle making workshop (in school) Design and Technology- Making Viking ships	Royal Museum Greenwich-Christopher Wren (link to our DT architecture) Science plants – Molesey Community Gardens Project