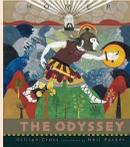
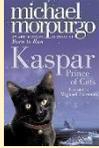


# Year 5 2022-2023



YEAR 5	Term 1 (7 weeks)	Term 2 (7 weeks)	Term 3 (6 weeks)	Term 4 (6 weeks)	Term 5 (6 weeks)	Term 6 (7 weeks)
<p><b>English Literacy Tree</b></p>	<p>The Odyssey Gillian Cross 4 weeks</p>  <p>Freedom Bird by Jerdine Nolen 3 weeks</p> 	<p>Hidden Figures by Margot Lee Shetterly and Laura Freeman 4 weeks</p>  <p>Shakespeare - Macbeth 3 weeks</p> 	<p>Robot Girl by Malorie Blackman and Matthew Griffin 3 weeks</p>  <p>Anne Frank Josephine Poole 3 weeks</p> 	<p>The Lost Happy Endings by Carol Anne Duffy and Jane Ray 3 weeks</p>  <p>The Lost Thing by Shaun Tan (book and film) 3 weeks</p> 	<p>Kaspar, Prince of Cats by Michael Morpurgo and Michael Foreman 3 weeks</p>  <p>The Man who Walked Between the Towers by Mordica Gerstein 3 weeks</p> 	<p>High Rise Mystery Sharna Jackson 3 weeks</p> 

<b>Speaking &amp; Listening</b>	<b>Performance –</b> Macbeth - Shakespeare		<b>Persuasion-</b>  <b>Big question: How can we develop a sustainable city?</b>  You should live in my sustainable city because ....	<b>Debate -</b> Example: This house believes that more wind farms should be used as a source of renewable energy.
<b>Handwriting Letter-join</b>	Letter-join Developing stamina and skills to write at length, with accurate spelling and punctuation.			
<b>Maths White Rose</b>	Number: Place Value 3 weeks Number: Addition and Subtraction 2 weeks Revision: Money 1 week Number: Multiplication and Division 4 weeks Consolidation: 4 weeks		Number: Multiplication and Division 1 week Number: Fractions 6 weeks Number: Decimals and percentages 4 weeks Consolidation: 1 week	Number: Decimals and percentages 2 weeks Geometry: Properties of shape 3 weeks Geometry: Position and Direction 1 week Measurement: Converting units 2 weeks Measurement: volume 1 week Statistics 2 weeks Consolidation 1 week
<b>TERMS 1 AND 2 - Journeys</b>		<b>TERMS 3 AND 4 – What a Wonderful World</b>		<b>Terms 5 AND 6 -</b>
<b>Journey down a river – 2 WEEKS</b>  <b>Journey through time – Ancient Greece - 5 WEEKS</b>		<b>Journey through time– Ancient Greece - 4 WEEKS</b>  <b>Shakespeare - Macbeth – 3 WEEKS</b>	<b>Sustainable development goal – 11: Sustainable Cities and Communities – 12 WEEKS</b>	<b>London and beyond - local history and geography - 13 WEEKS</b>

<b>Science</b>	<b>Earth and Space</b> <p>describe the movement of the Earth, and other planets, relative to the Sun in the solar system</p> <p>describe the movement of the Moon relative to the Earth</p> <p>describe the Sun, Earth and Moon as approximately spherical bodies</p> <p>use the idea of the Earth's rotation to explain day and night and the apparent movement of the sun across the sky</p>	<b>Forces</b> <p>explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object</p> <p>identify the effects of air resistance, water resistance and friction, that act between moving surfaces</p> <p>recognise that some mechanisms, including levers, pulleys and gears, allow a smaller force to have a greater effect</p>	<b>Properties and changes of materials</b> <p>compare and group together everyday materials on the basis of their properties, including their hardness, solubility, transparency, conductivity (electrical and thermal), and response to magnets</p> <p>know that some materials will dissolve in liquid to form a solution, and describe how to recover a substance from a solution</p> <p>use knowledge of solids, liquids and gases to decide how mixtures might be separated, including through filtering, sieving and evaporating</p> <p>give reasons, based on evidence from comparative and fair tests, for the particular uses of everyday materials, including metals, wood and plastic</p> <p>demonstrate that dissolving, mixing and</p>	<b>Living things and their habitats</b> <p>describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird</p> <p>describe the life process of reproduction in some plants and animals</p>	<b>Animals including humans</b> <p>describe the changes as humans develop to old age</p>
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	<p><b>Scientist focus: Mae Jemison (Astronaut and first Black woman in space)</b></p>	<p><b>Scientist focus: Brahmagupta - (Mathematician &amp; Astronomer who was the first scientist to talk about gravity)</b></p>	<p><b>Scientist focus: Raquel Prado (Chemist who develops a sustainable fabric that looks like leather but comes from pineapple leaves that would otherwise be burnt)</b></p>	<p><b>Scientist focus: David Attenborough -(Naturalist &amp; TV Presenter)</b></p>	<p><b>Scientist focus: Robert Winston (Professor of Science and Society, Emeritus Professor of Fertility Studies &amp; TV presenter)</b></p>
<b>Gardening</b>	<p>September – Harvest last year’s courgettes (beds)</p>	<p>Jan – Prepare ground and cover raised beds to suppress weeds  March-April – Sow pumpkins (greenhouse and transfer to beds)  March – Sow cucumber (greenhouse)</p>		<p>July/August – Harvest cucumber (greenhouse)</p>	
<b>History</b>	<p>School theme: Civilisation - destruction and transformation</p> <p>Ancient Greece – a study of Greek life and achievements and their influence on the western world</p>	<p>School theme: Civilisation - destruction and transformation</p> <p>The achievements of the earliest civilizations – an overview of where and when the first civilizations appeared and a depth study of Ancient Egypt</p>		<p>School theme: Civilisation - destruction and transformation</p> <p>A local History study (including study of WW2)</p>	
<b>Geography</b>				<p>Name and locate counties and cities of the United Kingdom, geographical regions and their identifying human and physical characteristics, key</p>	

					topographical features (including hills, mountains, coasts and rivers), and land-use patterns; and understand how some of these aspects have changed over time.	
<b>PSHCE Jigsaw</b>	<u>Being me in my world</u> Planning the forthcoming year Being a citizen Rights and responsibilities Rewards and consequences How behaviour affects groups Democracy, having a voice, participating	<u>Celebrating difference</u> Cultural differences and how they can cause conflict Rumours and name calling Types of bullying Material wealth and happiness Enjoying and respecting other cultures	<u>Dreams and goals</u> Future dreams The importance of money Jobs and careers Dream job and how to get there Goals in different cultures Supporting others (charity) Motivation	<u>Healthy me</u> Smoking, including vaping Alcohol Alcohol and anti-social behaviour Emergency aid Body image Relationships with food Healthy choices Motivation and behaviour	<u>Relationships</u> Self recognition and self worth Building self esteem Safer online communities Rights and responsibilities online Online gaming and gambling Reducing screen time Dangers of online grooming SMARRT internet safety rules	<u>Changing me</u> Self and body image Influence of online and media on body image Puberty for girls Puberty for boys Conception (including IVF) Growing responsibility Coping with change Preparing for transition
<b>RE</b>	Where did the Bible come from?	Why is Muhammad important to Muslims?	Jewish Worship and Community	Buddhist Worship and Beliefs	Stories of Christianity	Belief in our Community

<p><b>MFI - Spanish</b></p>	<p>Introduce myself with simple sentences</p> <p>Explain in more detail about how I am feeling</p> <p>Say important things about myself and someone else</p> <p>Name school subjects</p> <p>Give opinion about school subjects</p>	<p>Explore a city in Spain</p> <p>Design a city of the future</p> <p>Understand and give simple information about a city</p> <p>Ask for an entrance ticket politely</p> <p>Understand and remember nouns for favourite things</p> <p>Ask politely for a gift in a gift shop</p>	<p>Say fruits and vegetables</p> <p>Use vegetables and fruits in simple dialogue</p> <p>Understand fruit and vegetables in written texts</p> <p>Follow a simple story</p> <p>Read instructions for a recipe</p>	<p>Say and write a simple descriptive sentence</p> <p>Understand and read along with a story</p> <p>Name parts of clothing</p> <p>Remember, say and write nouns for clothes</p> <p>Read and write descriptive sentences</p>	<p>Understand words used on an ID card</p> <p>Ask and answer questions about someone's identity</p> <p>Read simple information about planets</p> <p>Create simple sentences about an imaginary planet</p> <p>Make a poster about my planet</p>	<p>Understand sentences about the seaside</p> <p>Read aloud sentences about the seaside</p> <p>Create simple, extended persuasive sentences</p> <p>Understand nouns for items I take to the beach</p> <p>Understand a story</p>
<p><b>Art</b></p>	<p>Drawing (1 week)</p>  <p>Observational drawings of the Haliacmon River</p>	<p>3D (6 weeks)</p> <p>Spotlight on the Art:</p>  <p>Greek Pots – British Museum</p>	<p>Painting (6 weeks):</p> <p>Spotlight on the artist: Aurora Robson</p> 	<p>Printing (1 week)</p> <p>Spotlight on the Art:</p> 	<p>Photography (6 weeks)</p> <p>Recreating pictures from the past</p> 	<p>Collage (1 week)</p> <p>Spotlight on the artist: Makeba Rainey</p> 
<p>Spotlight on London Architecture:</p> <p>Investigating styles/periods of houses in Streatham</p> 						

<b>Music</b>	<b>Musitrax Strings:</b> Violin and cello	<b>Musitrax Strings:</b> Violin and cello	<b>Musitrax Strings:</b> Violin and cello	<b>Musitrax Strings:</b> Violin and cello	<b>Musitrax Strings:</b> Violin and cello	<b>Musitrax Strings:</b> Violin and cello
<b>D&amp;T</b>	<b>Cooking and Nutrition</b>  <b>Link:</b> Ancient Greece Design, make and evaluate a seasonal dish inspired by Greek cuisine  Understand that seasons may affect the food available. Understand how food is processed into ingredients that can be eaten or used in cooking. Gain confidence in the skills of peeling, chopping, slicing, grating, mixing, kneading and baking.		<b>Structures</b>  <b>Design, make and evaluate a sustainable city, explaining how residents can live sustainably.</b> <a href="#">LSTEM</a>  Build innovative, functional, appealing, structures that are fit for purpose. Evidence how products can be made stronger and more stable. Use finishing techniques to strengthen and improve the appearance of their models		<b>Mechanisms &amp; Electrical Components:</b>  Design, make and evaluate a pulley system which lifts a weighted item  Begin to understand how mechanical systems such as <b>pulleys</b> create movement. Design and make a product that incorporates a pulley mechanism.  Choose components that can be controlled by switches or by ICT equipment.	
<b>Computing</b>	Computing systems and networks	Creating media	Programming A	Data and information	Creating media	Programming B
	<b>Sharing information</b> Identifying and exploring how information is shared between digital systems.	<b>Video editing</b> Planning, capturing, and editing video to produce a short film.	<b>Selection in physical computing</b> Exploring conditions and selection using a programmable microcontroller.	<b>Flat-file databases</b> Using a database to order data and create charts to answer questions.	<b>Vector drawing</b> Creating images in a drawing program by using layers and groups of objects	<b>Selection in quizzes</b> Exploring selection in programming to design and code an interactive quiz.
<b>PE (outdoor)</b>	Football	Hockey	Tag Rugby	Tennis	Athletics	Rounders
<b>PE (indoor)</b>	Gymnastics - Benchmark	Netball	Swimming	Swimming	Dance	Parkour
<b>Trips</b>	Out of school enrichment – The Royal Observatory, Greenwich	In school enrichment – Stargazing – Space Camp at school Croydon Astronomical Society	Out of school enrichment - 02 Young Voices Concert	Out of school enrichment – Visit to Buddhist Temple  Out of school enrichment – The Science Museum – Wonderlab	Out of school enrichment - Local history trail, trip to the basement	Out of school enrichment - HQS Wellington

