



## Year 6 2022-2023









<b>YEAR 6</b>	<b>Term 1 (7 weeks)</b>	<b>Term 2 (7 weeks)</b>	<b>Term 3 (6 weeks)</b>	<b>Term 4 (6 weeks)</b>	<b>Term 5 (6 weeks)</b>	<b>Term 6 (7 weeks)</b>
<b>English Literacy Tree</b>	<p>The Unforgotten Coat by Frank Cottrell Boyce 3 weeks</p>  <p>The Children of the Benin Kingdom 4 weeks</p> 	<p>The Arrival by Shaun Tan 4 weeks</p>  <p>Macbeth William Shakespeare 3 weeks</p> 	<p>The invention of Hugo Cabret by Brian Selznick (book and film) 3 weeks</p>  <p>The Templeton Twins: Have an Idea Ellis Weiner 3 weeks</p> 	<p>The Three Little Pigs Project by the Guardian (film) 3 weeks</p>  <p>The Boy in the Tower by Polly Ho-Yen 3 weeks</p> 	<p>Grimm Tales for Young and Old by Philip Pullman 3 weeks</p>  <p>Can We Save the Tiger by Martin Jenkins and Vicky White 3 weeks</p> 	<p>Windrush Child by Benjamin Zephaniah 3 weeks</p>  <p>Night Mail by W H Auden and GPO film unit (poem and film) 3 weeks</p> 

Speaking & Listening	Performance – Shakespeare – Macbeth		Persuasion: Dragon's Den (DT link) <b>Big question: How can we travel sustainably?</b> <i>I think that you should choose my design because ....</i>	Debate - Example: This house believes that ....  Performance - Year 6 Production
Handwriting Letter-join	Letter-join Handwriting speed, stamina and fluency.			
Maths White Rose	Number: Place value 2 weeks Number: Addition, subtraction, multiplication and division 4 weeks Number: Fractions 4 weeks Number: Decimals 1 week Consolidation 3 weeks		Number: Decimals 1 week Number: Percentages 2 weeks Number: Algebra 2 weeks Measurement: Converting units 1 week Number: Ratio 2 weeks Measurement: Perimeter, area and volume 2 weeks Geometry: Position and Direction 1 week Consolidation 1 week	Geometry: properties of shape 2 weeks Problem solving 3 weeks Statistics 2 weeks Investigations 4 weeks Consolidation 1 week
	<b>Journey down a river – 2 WEEKS</b>  <b>Journey through time – A Non-European Society – 5 WEEKS</b>	<b>Journey through time- A Non-European Society – 4 WEEKS</b>  <b>Shakespeare - Macbeth – 3 WEEKS</b>	<b>Sustainable development goal – Climate Action – 12 WEEKS</b>	<b>London and beyond -13 WEEKS</b>

<b>Science</b>	<b>Light</b>  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  Curriculum link: History – Benin (street lamps – palm oil)	<b>Electricity</b>  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	<b>Evolution and Inheritance</b>  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 within animals, including humans	<b>Living things and their habitats</b>  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	<b>Animals including humans</b>  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
	<b>Scientist focus: Ibn al-Haytham (Alhazen) (Physicist &amp; Mathematician who developed a theory that light travels in a straight</b>	<b>Scientist focus: Nikola Tesla - (Electrical &amp; Mechanical Engineer who developed the AC electrical system and made important</b>	<b>Scientist focus: John Edmonstone (taxidermist)</b>	<b>Scientist focus: Carl Linnaeus (Botanist &amp; Zoologist who developed a taxonomy for classifying organisms)</b>	<b>Scientist focus: William Harvey (Doctor who discovered the nature of blood circulation and the function of the heart as a pump)</b>

	line, and proved it by carrying out the first scientific experiment)	advances in technologies such as x-rays, neon lights and robotics)			
<b>Gardening</b>	September – October – Harvest last year's pumpkins (beds) and possibly last year's cucumbers (depending on growth)	January – Prepare ground and cover raised beds to suppress weeds March – Sow beetroot (beds)	May/June – Harvest beetroot (beds)		
<b>History</b>	School theme: Civilisation - destruction and transformation A non-European society that provides contrasts with British history – The Kingdom of Benin (West Africa) c. AD 900-1300	Term 3 only School theme: Civilisation - destruction and transformation A study of an aspect or theme in British history that extends pupils' chronological knowledge beyond 1066 - a significant turning point in British history.  Industrial revolution - Link to Benin chronologically			
<b>Geography</b>	Cover through Rivers project: 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.  Use maps, atlases, globes and digital/computer mapping to locate countries and describe features		Understand geographical similarities and differences through the study of human and physical geography of a region of the United Kingdom, a region in a European country, and a region within North or South America (Colombia).  Use maps, atlases, globes and digital/computer mapping to locate countries and describe features		
<b>PSHCE Jigsaw</b>	<u>Being me in my world</u> Identifying goals for the year Global citizenship Children's universal rights	<u>Celebrating difference</u> Perceptions of normality Understanding disability Power struggles	<u>Dreams and goals</u> Personal learning goals, in and out of school Success criteria Emotions in success	<u>Healthy me</u> Taking personal responsibility How substances affect the body Exploitation, including	<u>Relationships</u> Mental Health Identifying mental health worries and sources of support Love and loss Managing feelings
					<u>Changing me</u> Self-image Body image Puberty and feelings Conception to birth Reflections about

	Feeling welcomed and valued Choices, consequences and rewards Group dynamics Democracy, having a voice Anti-social behaviour Role-modelling	Understanding bullying Inclusion/exclusion Differences as conflict, differences as celebration Empathy	Making a difference in the world Motivation Recognising achievements Compliments	county lines and gang culture Emotional and mental health Managing stress	Power and control Assertiveness Technology safety Take responsibility with technology use	change Physical attraction Respect and consent Boyfriends/girlfriends Sexting Transition
<b>RE</b>	Stories of Hinduism	What is a church?	What is the Qur'an and why is it important for Muslims?	How do people express their faith through the arts?	Sikh Worship and Community	
<b>MFL - Spanish</b>	Recall phrases to describe my feelings  Remember words and phrases about school subjects and opinions  Remember and use numbers to 60  Understand o'clock time phrases in Spanish  Talk and answer questions about my daily routine	Understand the nouns for rooms in a house  Read and understand simple descriptions of rooms in a house  Follow and understand a story  Write descriptive sentences using colour and size  Recognise and understand familiar and unfamiliar nouns	Understand some numbers used in dates  Recognise and understand familiar and unfamiliar nouns  Identify some parts of a verb  Create opinions about a sport  Understand and write simple information about sports	Use language skills to understand unfamiliar nouns  Give a simple description of a fairground ride  Write simple sentences about a funfair  Say and write sentences about myself	Know facts about cafe culture  Ask for snacks and drinks politely  Take part in a cafe role play  Understand information about Spanish food and meals  Follow a story about going to a restaurant	Recall familiar spanish language  Write favourite words in Spanish  Perform a superstar sketch  Display learning on a poster
<b>Art</b>	Painting (1 week) Spotlight on the artist: Ben Onwonwu	Drawing (6 weeks) Spotlight on the Art: Artwork of Benin	Photography (1 week) Spotlight on the artist: Environmental photographer of the year (change annually)	Printing (6 weeks) Spotlight on the Art:	3D (1 week) Spotlight on the Art:	Collage (6 weeks) Spotlight on the artist: Maria Berrio

				 Shepard Fairey – We the future are Earth guardians	 Anthony Gormley sculpture in the Thames - Another time'	 
					Spotlight on London Architecture – The changing skyline of London 	
<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>Structures</b>  Link: Macbeth Create a large scale structure that acts as part of the set for the Macbeth winter performance  With increasing independence and ability, build innovative, functional, appealing, stable structures that are fit for purpose. Demonstrate confidently how to reinforce and strengthen a 3D framework.		<b>Mechanisms &amp; Electrical Components</b>  Link: Science (Forces) Sustainable Development Goals - Climate change Design, make and evaluate a prototype for a wind powered car using Tinkercad  Develop a greater understanding of how <b>gears</b> create movement. Create and use prototypes. Design and make products with greater independence.  Apply understanding of computing to program, monitor and control products.  Use science skills (resistance, batteries in series or parallel, variable resistance to dim lights or control speed) to alter the way electrical products behave.		<b>Cooking and Nutrition</b>  Link: PE (Sports Day) Design, make and evaluate a yeast-based snack for parents and children participating in the school sports day  Using their knowledge and skills know how to prepare and cook a variety of predominantly savoury dishes safely and hygienically. Become increasingly skilled at peeling, chopping, slicing, grating, mixing, kneading and baking.	

<b>Computing</b>	Computing systems and networks	Creating media	Programming A	Data and information	Creating media	Programming B
	<b>Internet communication</b> Recognising how the WWW can be used to communicate and be searched to find information.	<b>Webpage creation</b> Designing and creating web pages, giving consideration to copyright, aesthetics, and navigation.	<b>Variables in games</b> Exploring variables when designing and coding a game.	<b>Introduction to spreadsheets</b> Answering questions by using spreadsheets to organise and calculate data.	<b>3D modelling</b> Planning, developing, and evaluating 3D computer models of physical objects	<b>Sensing</b> Designing and coding a project that captures inputs from a physical device.
<b>PE (outdoor)</b> <b>Moving Matters</b>	Tag Rugby	Hockey	Basketball	American Football	Athletics	Cricket
<b>PE (indoor)</b> <b>Moving Matters</b>	Swimming	Swimming	<b>Tennis</b>	Netball	Dance	<b>Gymnastics - Benchmark</b>
<b>Trips</b>	Out of school enrichment – visit to Hindu Temple	Out of school enrichment - The British Museum	In school enrichment - Climate Ed	In school enrichment - Climate Ed	Y6 leavers trips West End Camping Thorpe Park Forest School	