

YEAR 6 LONG TERM PLAN 2017-2018

	AUTUMN			SPRING			SUMMER		
TOPIC	Shipwrecked			North America			Through the Decades		
TRIP/VISIT	Liverpool Watersports Military School.			Skype/Email with Miss Scott in America. P+P Science workshops Architecture: Liverpool			Dearne Valley		
READING	Class read: Kensuke's Kingdom Michael Morpurgo Guided Reading: Exploring text types and comprehension skills. To challenge the causes of Racism (The Island) To stand up to discrimination (The Whisperer)			Class read: Holes Guided Reading: Stories from other cultures Revision of key comprehension skills (differentiated to groups) SATS preparation. To promote diversity (My princess Boy) To recognize my freedom (Dreams of freedom)			Newspaper articles from over the decades Guided Reading: Street Child Novels Evaluating, critiquing Revisiting any text types that are not secure. To consider how my life may change as I grow up (Love you forever)		
ENGLISH	Poetry Character Setting	Diary Reports	Persuasion Argument Discussion	Poetry Recount Action	Non- Chronological Explanation	Biography Persuasion Instructions	Poetry Suspense	Myths Fables	Traditional Play scripts
MATHS	Number and Place Value Calculations: Four operations Fractions Decimals Measurements			Word Problems Percentage Ratio Algebra Area and Perimeter Properties and Shapes Position and Movement			Statistics (graphs and averages) Negative numbers Volume Properties and Shapes Position and Movement Statistics		

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<p>SCIENCE</p>	<p style="text-align: center;">Light</p> <p><i>Plus, looking at how light travels, how shadows form and also looking at how the eye works.</i></p> <p style="text-align: center;">Living things and their habitats</p> <p><i>Classifying organisms including animals, plants and microorganisms. Recap knowledge of broad groups before taking a much more in-depth look at the classification system and how different species of organisms are closely related. We will look at the discovery of penicillin linked to microorganisms.</i></p>	<p style="text-align: center;">Animals including humans</p> <p><i>This topic will help children to keep their bodies healthy by teaching them more about nutrition, the importance of exercise, their hearts and more parts of the body. They will investigate how water and nutrients are transported in the circulatory system and recognise the impact of diet, exercise, drugs and lifestyle -we will look at how 'extremes' can affect the body.</i></p> <p style="text-align: center;">Evolution and Inheritance</p> <p><i>Living things have changed over time - link to local area study - what could have lived here millions of years ago?</i></p> <p><i>Recognise that living things produce offspring of the same kind, but normally offspring vary and are not identical to their parents - children to create their own 'family tree' - can they find anyone dating back to the Victorian era?</i></p>	<p style="text-align: center;">Electricity</p> <p><i>Consolidating knowledge of circuits plus extending knowledge to looking at conventional circuit symbols and exploring how to change the brightness and speed.</i></p> <p><i>Plus, looking at how light travels, how shadows form and also looking at how the eye works.</i></p> <p style="text-align: center;"><i>Both link to DT project.</i></p>
<p>HISTORY</p>	<p style="text-align: center;">Local history study</p> <p><i>A depth study linked to a British area. Tracing how several aspects of national history are reflected.</i></p>	<p style="text-align: center;">How our history links to America</p> <ul style="list-style-type: none"> • <i>Finding and settling in America</i> • <i>Native American society (persuasive writing/debate)</i> 	<p style="text-align: center;">Britain since 1948</p> <p><i>Looking at how Britain has changed since 1948 including home life, work life, population, popular culture and technology.</i></p>

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<p>GEOGRAPHY</p>	<ul style="list-style-type: none"> • Name and locate counties, cities, • describe and understand key aspects of physical geography, climate zones, biomes, vegetation belts, rivers, mountains, volcanoes and earthquakes and the water cycle. • Using compasses, grid references, maps. • Using fieldwork to observe, measure, record and present the human and physical features in the local area using a range of methods. 	<p>North America</p> <p>Developing map work (See NC objectives)</p> <p>Identifying key features of the Earth.</p> <p>Comparative study of 3 towns: UK, USA and Europe (use school link in USA and a European country via Twitter)</p> <p>Extreme weather in USA: earthquakes, tornadoes and hurricanes.</p> <p>Extreme climates in North America: arctic, mountains, forests, deserts.</p> <p>Human geography of North America (settlements, land use, trade links, energy)</p>	<p>Fairgrounds in other countries</p> <p>Boardwalks and fairgrounds (especially 1950s)</p> <p>Travelling fairs and circuses of Europe.</p> <p>Support map work and comparative studies.</p>
<p>ART</p>	<p>John William Turner</p> <p>Use images to influence designs and techniques of stormy seas to link to topic.</p> <p>Improve mastery of art and design techniques, including drawing, painting with a wide range of materials</p>	<p>North American Architecture</p> <p>Study architects and practice art and design techniques by drawing famous North American landmarks.</p> <p>Soup carving - 'Mount Rushmore'</p> <p>Sculpture - sky scrapers (Empire State, Willis Tower, Toronto tower), bridges (Golden Gate, Brooklyn)</p>	<p>Artist Project</p> <p>Children to choose an artist to study and present a project on.</p> <p>Biography.</p> <p>Recreate famous art work, develop style and technique in different materials, create their own art work in the style of this artist.</p>
<p>DT</p>	<p>Raft Building</p> <p>Select a wide range of tools and equipment to perform practical tasks.</p> <p>Apply knowledge of how to strengthen, stiffen and reinforce more complex structures.</p>	<p>Architecture</p> <p>Exploring how bridges and skyscrapers were built and how they have changed over time - also looking at how extreme conditions can affect designs.</p>	<p>Fairgrounds</p> <p>Children will look at fairground rides from over the decades before making their own working models using an electric motor and lights - links to science and topic</p>

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MUSIC	Appreciation of music	Christmas production singing and performance	Classroom Jazz (the Jazz movement in North America)	Movie soundtracks	Music through the decades since 1948	Reflect Rewind and Replay
PE	Military School Gymnastics and Dance		Swimming Hockey		Athletics Netball	
MFL	Spanish Broaden vocabulary and develop ability to understand new words that are introduced into familiar written material, including through using a dictionary. Describe people, places, things and actions orally linked to topic		Spanish Describe people, places, things and actions orally Write phrases from memory, and adapt these to create new sentences, to express ideas clearly. Linked to topic		Spanish Understand basic grammar appropriate to the language being studied, including (where relevant): feminine, masculine and neuter form.	
ICT	<ul style="list-style-type: none"> Use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content. Select, use and combine a variety of software on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analyzing, evaluating and presenting data and information. 		<ul style="list-style-type: none"> 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 (communicating with Georgetown Elementary) Use technology safely, respectfully and responsibly, recognize acceptable/unacceptable behaviour, identify a range of ways to report concerns about content and contact. 		<ul style="list-style-type: none"> Design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller parts. Use sequence, selection, and repetition in programs; work with variables and various forms of input and output. Use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs. Use technology safely, 	

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COME AND SEE	Loving	Vocation & Commitment	Expectations	Sources	Unity	Death & New Life	Witnesses	Healing	Common Good
RSE / PSHE	The wonder of God's love in creating new life. The circle of life and love Alcohol / Tobacco			Love across all relationships The emotions of loving relationships. Anti-bullying week Keeping safe online			The church celebrates God's gift of love between man and woman in the sacrament of marriage. Aspirations careers and the world of work.		

Highlighted books link to Equality Act