



Waterbeach Primary School Long Term Plan – Year 5



Year 5	Autumn	Spring	Summer
Maths	<ul style="list-style-type: none"> Place Value Addition and Subtraction Geometry Application and Consolidation 	<ul style="list-style-type: none"> Multiplication and Division Measure (Area, perimeter and volume) Time Application and Consolidation 	<ul style="list-style-type: none"> Fractions Money Statistics Application and Consolidation
English	<i>For the specific programmes of study for reading, handwriting, spelling, punctuation and grammar, please refer to the individual year group breakdown in the National Curriculum (available on the school website)</i>		
	<p>Fiction</p> <ul style="list-style-type: none"> Modern Novel Study: Goth Girl <p>Non-Fiction</p> <ul style="list-style-type: none"> Biography/autobiography (Victorian Inventors) <p>Poetry Technique</p> <ul style="list-style-type: none"> Nonsense – Lewis Carroll – Jabberwocky A Visit from St Nicholas – Clement Clarke Moore ('Twas the Night Before Christmas) <p><i>Applied in other curriculum areas:</i></p> <ul style="list-style-type: none"> Instructions Science report 	<p>Fiction</p> <ul style="list-style-type: none"> Fiction from our literary heritage. <p>Non-Fiction</p> <ul style="list-style-type: none"> Persuasive Speech - Churchill <p>Poet Study</p> <ul style="list-style-type: none"> Rupert Brooke <p><i>Applied in other curriculum areas:</i></p> <ul style="list-style-type: none"> Scientific explanation Recount 	<p>Fiction</p> <ul style="list-style-type: none"> Film Stimulus – Suspense and mystery <p>Non-Fiction</p> <ul style="list-style-type: none"> Discussion/balanced argument <p>Poem Theme</p> <ul style="list-style-type: none"> Space - The Moon (Robert Louis Stevenson), Silver (Walter de la Mare), To the Moon (Shelley) <p><i>Applied in other curriculum areas:</i></p> <ul style="list-style-type: none"> Formal letters Myths and Legends (Durga)
Science	<p>Evolution and Inheritance</p> <p>How the discoveries of Anning and the ideas of Darwin and Wallace changed understanding of the world</p>	<p>Living Things and Their Habitats</p> <p>Classification: describe how all living things are classified into broad groups according to observable characteristics; focus on how plants are classified</p>	<p>Light</p> <p>Recognise that light travels in straight lines and that this explains shadows</p>
	<p>Electricity</p> <p>Circuits and the development of electrical applications through the Victorian era</p>	<p>Living Things and Their Habitats</p> <p>Sexual and asexual reproduction in plants and animals</p>	<p>Earth & Space</p> <p>Understand the make-up of the solar system and the movements of the Earth and moon explain day and night, and phases of the moon; [Link environmental importance of the ozone layer on the environment]</p>

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History	Victorians & the Industrial Revolution Focusing on Victorian Science & Engineering, and Structures.	World War II Focusing on the importance of the Home Front, Land Girls and Dig of Victory campaign	Ancient Greece – a study of Greek life and achievements and their influence on the western world, in particular, democracy and citizenship.
Geography	UK geography Looking at the impact of the Industrial Revolution (and the development of the canal and railway systems) on land-use patterns and the human and physical characteristics of conurbations. Consider economic activity including trade links, and the distribution of natural resources including energy, food, minerals and water. Consider the changes to our local area over time. Name and locate major industrial cities and areas: London, Birmingham, Manchester, Liverpool, Sheffield, Leeds, Glasgow	Locate the world’s countries using maps to name and locate countries and cities in the UK and Europe, focusing on their importance in WWII. Link the knowledge of European countries to historical knowledge of the progression of WWII, in particular: England, France, Belgium, Netherlands, Germany, Russia, Poland, and their capitals	Use science knowledge of the Earth’s rotation to understand time zones around the world Looking at the Earth on a macro scale as the “Small Blue Planet”, considering physical geography (what can be seen from space inc rivers, mountains, vegetation belts/ biomes) and human geography, specifically the impact of humans on the Earth and its resources.
PE	Indoor: Team building games/gymnastics Outdoor: Games – Football	Indoor: Dance- Dance Styles 1940s Outdoor: Outdoor Adventurous Activities	Swimming Athletics
	Indoor: Dance- industrialisation Outdoor: Games – Netball	Indoor: Gymnastics- Press and Go Outdoor: Games – Cricket	Swimming Athletics
Art	William Morris – printing and textiles	Propaganda Posters; Botanical drawing	Charles Woolnough (The Art of Marbling)
DT	Frame structures: Brunel & Bridge structures	Cooking- ration-book cooking; healthy eating	Shadow puppets

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Music	Victorians <i>Sing- Music Hall, Oliver, songs about child labour, Queen Victoria</i> <i>Listen-The Proms, Elgar Enigma Variations</i>		World War 2 <i>Sing -WW2 songs, Holocaust memorial</i> <i>Listen -sounds of war, swing jazz</i> <i>Create and sing- lyrics for Blitz song</i> Cambridgeshire Music Live Concert		Space- The Planets <i>Sing- songs about Space, David Bowie, Elton John</i> <i>Listen- The Planets- Holst; The orchestra and instrument families</i> <i>Create and play-ostinatos inspired by Mars</i>	
	Recorder lessons and Christmas <i>Play- recorder tunes and Christmas carols</i>		A Bao a Qu compositions <i>Listen- Mason Bates- A Bao A Qu</i> <i>Create and play- mythical creature compositions</i>		Ancient Greece and Greek Dancing <i>Sing – songs about Ancient Greece</i> <i>Listen- Greek sirtaki</i> <i>Create- Greek dance</i>	
PSHE	Beginning and Belonging Growth Mindset	Family and Friends Anti-Bullying	Diversity and Communities	Relationships and Sex Education	Drug Education Personal Safety	Digital Lifestyles Managing Change
French	Chez moi		Quel temps fait-il?		Les habitats	
	Quel est la date?		Les vêtements		Les romains	
RE	Creation and Science: conflicting or complimentary? How can following God bring freedom and justice?		What would Jesus do? What difference does the resurrection mean to Christians?		What can stories and images of deities tell us about Hindu beliefs? What influences the Jewish people?	
Computing	E-Safety: Online Safety (Unit 5.2)		Digital Literacy: Databases (Unit 5.4)		Digital Literacy: 3D Modelling (Unit 5.6) Stop animation?	
	Programming: Coding (Unit 5.1) – context link to Charles Babbage & Ada Lovelace		Digital Literacy: Game Creator (Unit 5.5)		Digital Literacy: Concept Maps (Unit 5.7)	

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