



Moorgate Primary Academy Long Term Curriculum Overview 2020-2021

Phase: KS2 (Y5/6)

	Topic 1 <b>Scream Machine</b>	Topic 2 <b>Alchemy Island</b>	Topic 3 <b>Stargazers</b>	Topic 4 <b>Time Travellers</b>	Topic 5 <b>Blood Heart</b>
<b>Enrichment</b>	Ride Experience Constructing own ride	Orienteering afternoon Now Press Play The Tempest Play	Now Press Play – Mission to Mars VR Headset – Walking on the Moon Planetarium walk Dinner Party in Space	Create a Time Capsule Build a time machine	Heart Dissection  Contact the British Heart Foundation
<b>Science + DT</b>	Forces; Properties of everyday materials; Mechanisms; Working scientifically Designing rides; Programming models; Mechanical systems; Evaluation; Food	Properties and changes of materials; Working scientifically Electrical circuits; Designing a board game	Earth and space; Forces; Working scientifically	Animals, including humans; Living things and their habitats; Working scientifically	Circulatory system; Measuring heart rate; Lifestyle effects; Working scientifically
<b>History</b>			<b>Significant individuals – Galileo Galilei, Isaac Newton; 1960s space race</b>	<b>Changes over the last century</b>  <b>Learn about Ancient Greece. A study of Greek life and achievements and their influence on the Weston World. (Link with Literacy)</b>	
<b>Geography</b>				<b>Local community</b>	



	<b>Theme parks around the world</b>	<b>Map reading; Using coordinates; Human and physical features</b>	<b>Locating physical features</b>			
Art+ Design	Photography and image editing		Printing; Design	Photography; Great artists – Andy Warhol, Salvador Dali; Collage		
Computing	Photography; Creating digital maps; Research; Logical reasoning and algorithms; E-safety; Online discussion; Posters	Photography; Debugging programs; Gaming	Programming; Stop motion animation	Digital portraits; Data logging; Research	Websites; Flow diagrams	
RE	Belief into action (Sikhism)/ Prayer and Worship (Hinduism)	Christmas-Incarnation	Easter	Beliefs and moral values (Sikhism)	Prayer and worship Beliefs and practices	
MFL	Unit 21 Then and now	Unit 22 Out and about	Unit 19 Our school	Unit 15 On the way to school	Unit 16 Beach scene	
Music	Growth (y6)	Life cycles (Y5)	Class awards (Y6)	World unite (Y6)	Roots (Y6)	
PSHE	Health and Well-being		Relationships		Living in the wider community	
PE	Daily Exercise	Daily Exercise	Daily Exercise	Daily Exercise	Daily Exercise	
Reading	Holes	Kensuke's Kingdom	Danny's Champion of the World	Indian in the Cupboard	Black Beauty	Oranges in No Mans Land
English – Writing	<u>The Butterfly Circus</u> Poetry/Persuasive advert/Adventure narrative	<u>The Tempest/The Hobbit</u>	<u>The Girl of Ink and Stars</u> Non-chronological report/Newspaper	<u>Time Travelling with a Hamster</u> Diary entry/Explanation	<u>Wonder</u> Poetry/Autobiography/Letter	



		Playscript/Setting description/Fantasy narrative	report/Mythical narrative	text/Historical narrative	
Maths Year 5	Place value Addition and subtraction Graphs and tables	Multiplication and division Area and perimeter Multiplication and division (2) Fractions	Fractions Decimals and percentages Decimals	Decimals Geometry (properties of shape) Geometry (position and direction). Measure (converting units)	Measure (Volume and capacity)
Maths Year 6	Place Value Four operations Fractions	Fractions Geometry (position and direction) Decimals Percentages	Algebra Measure (imperial and metric measures) Measure (perimeter, area and volume)	Ratio and proportion Geometry (properties and shape)	Problem solving Statistics
Possible 50's!	Take part in a debate	Virtually visit a new city.	Watch the stars and sleep in a tent.  Toast marshmallows on an open fire.  Plan and cook a meal.	Be in a local newspaper.	Contact the British Heart Foundation on how to raise money.