



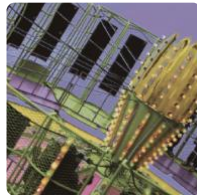



Year 5 Long Term Plan 2020-2021

Topic	 Alchemy Island	 Pharaohs	 Stargazer	 Off with her Head!	 Scream Machine	 Beast Creator
Driver Subject	<u>Computing</u>	<u>History</u>	<u>Science</u>	<u>History</u>	<u>Science</u>	<u>Science</u>
Class text	The Lion, the Witch and the Wardrobe- C.S. Lewis	Egyptian Cinderella- Shirley Climo	The Kid who came from Space- Ross Welford	Macbeth- William Shakespeare	The man who walked between two towers- Mordicai Gerstein	Charlotte's Web – E.B. White
Memorable Experience	Portal Hunt	Mummification scene	Visit a planetarium	Elizabeth I deathbed scene	Aerospace visit	Visit a tropical pet shop. Animation workshop
Innovate Project	Game soundtrack	Egyptian funeral preparations	Rocket launch	The trial of Anne Boleyn	Design a drop ride	Design a super- minibeast
English	Fantasy narratives; formal reports; Poetry (riddles/raps)	Traditional tales/ tales from other cultures; explanation text; fact files; Classic Poetry	Science fiction narrative; non-chronological report; Shape poetry	Historical thriller narrative; persuasive letters; biography; dialogue; Cinquain and Tanka poetry.	Narratives with dialogue; comic strips; persuasive adverts; instructions; free verse poetry	Play scripts/ film unit; newspaper report; argument; Narrative poetry
Maths (White Rose)	Place Value; addition and subtraction; statistics	Multiplication & division; perimeter & area	Multiplication & division; fractions	fractions; decimals & percentages	decimals; position & direction	shapes; measures - converting units; volume
Geography	Map reading; Using coordinates (6 figure) & following instructions; using map legends to locate features; Human and physical features; adding contour lines;	Human and physical features of Egypt; mapping Egypt; The River Nile & uses; Tourism - human geography; settlements	Locating physical features & sorting human/physical features through computer mapping; flags; time zones (day and night)	How landscape has changed with time (human features); maps of Tudor sites	mapping theme parks; comparison of similarities & differences in human geography between theme parks; using maps/ atlases/computer	Fieldwork; Contrasting locations; locating biomes, vegetation belts & habitats with corresponding mini-beasts

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	longitude and latitude and tropics				mapping for distance comparison studies	
History		Ancient Egypt & their civilisations, recognising achievements;	Significant individuals – Galileo Galilei, Isaac Newton; 1960s space race & impact today	The Tudors - timelines, place in history; family trees; study of crime/punishment; Tudor buildings & society; comparison with present day History Society talk		
Computing	Photography; paint packages; Debugging programs; Gaming; Composing; Recording and editing software; Graphic scores;	Safe searching; e-safety	Programming; Stop motion animation	e-search; Data handling; Presentations	Photography; Creating digital maps; Research; Logical reasoning and algorithms; E- safety; Online discussion; Posters	Research; Presentations
Art and Design	Manipulating and enhancing digital images	Relief sculpture projects; adding detail to sketches; nemes	Mix and use tints and shades of paint then print	Portrait study Hans Holbein; present ideas in a sketch book; Sketching with sense of scale and perspective; Tudor fashions observation and sketching	Portrait photography Mario Testino;	Detailed observational drawing Charles Darwin; mixed media collage
Design and Technology	scale model of island; Designing a board game	Designing and making Canopic jars (Innovate)	Rocket Design and building (MOD); Evaluate		Review existing products; Computer-aided design; pulley and mechanism systems (innovate)	Bug hotels- natural materials and joins
Music (Charanga)	Livin' on a Prayer	Classroom jazz	Music; Lyrics; Make you feel my love	Tudor music; Composing; Fresh Prince of Bel Air	Dancing in the Street	Reflect, rewind, replay
PSHE (SCARF)	Security and belonging; Valuing Difference	Me and My Relationships; Democracy Rules	Keeping Myself Safe	Rights and Responsibilities	Being My Best	Growing and Changing

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<p>Science</p>	<p>Main Science Focus: Properties of materials and changes. Science Enquiry: Separating mixtures from Alchemy island (using sieving, filtration, evaporation) Alchemist’s challenge - solutions Scientific Skills taught: Plan different types of scientific enquiry to answer questions Make systematic and careful observations, taking accurate measurements and using a range of equipment. Report and present findings from enquiries in line graphs and use these to describe patterns.</p>		<p>Main Science Focus: Earth and space; effect of gravity; Forces (gravity); Science Enquiry: Investigating night and day Comparing types of insulation Scientific Skills taught: Use scientific words to report findings and suggest scientific ideas. Report and present findings from enquiries in line graphs and use these to describe patterns. Make simple predictions.</p>		<p>Main Science Focus: Living things and their habitats; classification Science Enquiry: Investigating preferred habitats for woodlice Scientific Skills taught: Make systematic and careful observations, taking accurate measurements and using a range of equipment. Make simple predictions.</p>	<p>Main Science Focus: Forces; Properties of everyday materials; Mechanisms; Science Enquiry: Investigating resistance in motion Investigating pendulums Scientific Skills taught: Use scientific words to report findings and suggest scientific ideas. Make systematic and careful observations, taking accurate measurements and using a range of equipment. Plan different types of scientific enquiry to answer questions</p>
<p>Physical Education</p>	<p>Netball Pop Lacrosse Swimming</p>	<p>Football Hockey skills Swimming</p>	<p>Basketball Fitness Circuits Dance OAA</p>	<p>Football Tag Rugby Skills Dance Gymnastics</p>	<p>Tennis Kwik Cricket Rounders</p>	<p>Athletics Rounders OAA Gymnastics</p>
<p>Religious Education (Love to Celebrate)</p>	<p>Ramadam & Eid al Fitr (Islam)</p>	<p>Guru Arjan (Sikhism)</p>	<p>Holi (Hinduism)</p>	<p>Passover (Judaism)</p>	<p>Pentecost (Christianity)</p>	<p>Dharma Day (Buddhism)</p>
<p>Spanish</p>	<p>Describing myself; numbers and dates inc</p>	<p>Family members; description of people and character; shapes</p>	<p>Shops; position and direction (prepositions); asking questions; La</p>	<p>Semana santa (Holy week – Easter); Grammar focus</p>	<p>La Bella Durmiente (Sleeping Beauty –</p>	<p>The weather; consolidation – reading passages for key vocab.</p>

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	years; classroom language - subjects		Tomatina (Spanish festival)	– questions, articles, adjectives, verbs.	perform); Spanish landmarks	
Trips			Planetarium- We the Curious (Science)	Tudor Houses- Bitton (History)	Aerospace visit (STEM)	Visit a tropical pet shop (Science) Cathedral/ Mosque and Gurdwara (RE 2 year cycle)