



	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<b>Main Topic</b>	Alchemy Island		Pharaohs		Allotment	
<b>English</b>	Fantasy narratives; Non-chronological reports; Soliloquies; Poetry; Lyrics		Chronological reports; Fact files; Research skills; Mystery stories; Play scripts		Non-chronological reports; Instructions; Explanations; Narrative; Poetry	
<b>Maths</b>	Block 1: Number – Place value; Block 2: Number – Addition and subtraction; Block 3: Number – Multiplication and Division; Block 4: Number – Fractions		Block 1: Number – Multiplication and division; Block 2: Number – Fractions; Block 3: Number – Decimals and percentages; Block 4: Measurement – Perimeter and area; Block 5 – Statistics		Block 1: Geometry – Shape; Block 2: Geometry – Position and direction; Block 3: Number – Decimals; Block 4: Number – Negative numbers; Block 5: Measurement – Converting units; Block 6: Measurement – Volume	
<b>Science</b>	Properties of materials; Thermal conductivity; Measuring temperature; Thermal insulators; Solubility; Heterogeneous and homogeneous mixtures; Sieving; Filtration; Evaporation; Separating unusual mixtures; Reversible and irreversible changes; Innovative materials; Working scientifically – Identifying and classifying, Observing changes over time, Comparative tests, Research, Pattern seeking		The Solar System; Scientists of the past who discovered how the Solar System works; The Earth, Sun and Moon; Planets and stars are spherical; Daytime and night time; Sundials; Day length and the seasons; Times of the day around the world; The phases of the Moon; Lunar and solar eclipses; Working scientifically – Identifying and classifying, Research, Changes over time, Pattern seeking		Contact and non-contact forces; Gravity; Mass and Weight; Discovering gravity – important scientists; Friction; Air resistance; Water resistance; Mechanisms – levers, pulleys, gears; Investigating forces and mechanisms; Working scientifically – Identifying and classifying, Observing changes over time, Comparative tests, Research, Pattern seeking	
<b>Art &amp; Design</b>	Continuous line drawing; Significant artists – Pablo Picasso and Rembrandt; Shading techniques; Drawing on black paper; Black and white photography		Paper crafts; Papermaking; Paper, fabric, mixed media and surreal photo collage; Mixed media artwork		Land art; Natural materials; Relief sculpture; Installations	
<b>Design Tech</b>	Fabric and mixed media collage; Stitching and embellishment				Cooking; Nutrition	
<b>History</b>	Artifacts – History of Alchemy		Ancient Egypt		Changes, Place & Space, Local History	
<b>Geography</b>	Map reading; Using coordinates; Human and physical features		Climate Zones, Rivers (Nile), Biomes, Landmarks, Geographical changes.		Land use; Food origins; Geographical skills and fieldwork; Map work; Climate	
<b>Music</b>	Composition, Music Appreciation	Jingles, Song Lyrics, Performance	Composition, Notation (Ancient Egypt)			



<p><b>PSHE</b></p>	<p>Developing an understanding of families, including marriage, of what to do if someone feels unsafe in their family; that issues can strengthen a friendship; exploring the impact of bullying and what influences a bully's behaviour; learning to appreciate our attributes.</p>		<p>Learning to take greater responsibility for sleep, sun safety, healthy eating and managing feelings; setting goals and embracing failure; understanding the importance of rest and relaxation.</p>		<p>Exploring the emotional and physical changes of puberty, including menstruation; learning about online safety, influence, strategies to overcome potential dangers and how to administer first aid to someone who is bleeding.</p>		<p>An introduction to the justice system; how parliament works; and the role of pressure groups; learning about rights and responsibilities, the impact of energy on the planet and contributing to the community.</p>		<p>Developing understanding about income and expenditure, borrowing, risks with money, career choices, finance and feelings, stereotypes in the workplace.</p>	
<p><b>ICT</b></p>	<p>Software, Music Programs, Soundtracks</p>		<p>Debugging, Avatars</p>		<p>Stop motion Studio (4 lessons: 1-4)</p>		<p>Mars Rover</p>		<p>Online Safety</p>	
<p><b>PE</b></p>	<p>Swimming / MSR</p>	<p>Swimming / MSR</p>	<p>Swimming / MSR</p>	<p>Swimming / MSR</p>	<p>Dance &amp; Street Art</p>		<p>Athletics</p>			
<p><b>RE</b></p>					<p>Hinduism</p>		<p>Sikhism</p>		<p>Christian Charity</p>	