









Year 5 Curriculum Overview 2021-22

	<u>Autumn 1</u> <i>Alchemy Island</i>	<u>Autumn 2</u> <i>Pharaoh</i>	<u>Spring 1</u> <i>Peasants, Princes and Pestilence</i>	<u>Spring 2</u> <i>Off With Her Head</i>	<u>Summer 1</u> <i>Allotment</i>	<u>Summer 2</u> <i>Stargazers</i>
<i>Enrichment/Hook</i>	❖ <i>Mystery riddle</i>	❖ <i>Tomato mummification</i> ❖ <i>Ancient Egyptian artefacts</i> ❖ <i>Art Gallery Visit</i>	❖ <i>Medieval artefacts</i>	❖ <i>VR workshop – The Tudors (Mary Rose)</i> ❖ <i>Tudor artefacts</i>	❖ <i>Salad creations at Nottingham Academy</i> ❖ <i>Growing plants</i> ❖ <i>Place of worship - Gurdwara</i>	❖ <i>BBC Live Dr Who Space lesson or Space Centre</i> ❖ <i>Place of worship – St Christopher’s Church</i>
<i>Mastery Day Focus</i>	❖ <i>Applying knowledge and understanding to create a board game inspired by Alchemy Island.</i>	❖ <i>Applying knowledge and understanding of Ancient Egyptian beliefs to excavate a newly found tomb and create an exhibition to showcase items discovered inside.</i>	❖ <i>Applying knowledge and understanding of the Black Death to</i>	❖ <i>Applying knowledge and understanding of Henry VIII and Tudor life to create an exhibition in a renovated Tudor manor.</i>	❖ <i>Applying knowledge and understanding of plant reproduction, seasonal foods and exercise to create a series of wellbeing activities to promote healthy lifestyles.</i>	❖ <i>Apply knowledge and understanding of spacecraft and creating new materials to design and make a prototype rocket for the UK space agency.</i>
<i>Career-Related Learning</i>	❖ <i>Computer programmer/software engineer</i>	❖ <i>Historian</i>	❖ <i>Doctor</i>	❖ <i>Police</i> ❖ <i>Lawyer</i>	❖ <i>Gardener</i> ❖ <i>Chef</i> ❖ <i>Nutritionist</i>	❖ <i>Astronomer</i> ❖ <i>Aerospace engineer</i> ❖ <i>Pilot</i>
<i>English: Reading</i>	<i>The Tempest</i> <i>Plus supplementary texts on Magic and Mystery: The Stone People (5) and To Whoever Find This (5). (Safeguarding/PHSE: family conflicts)</i>	<i>Secrets of a Sun King</i> <i>Plus supplementary texts on Gods of Ancient Egypt (5) and How To Make A Mummy (5).</i>	<i>Boy in the Tower</i> <i>Plus supplementary texts on the Plague Doctor (5) and I am Plague (5). (Safeguarding/PHSE: dealing with loss and trauma)</i>	<i>Treason</i> <i>Plus supplementary texts on Tudor Food and Drink (5) and Tudor Time Traveller (5). (Safeguarding/PHSE: rule of law)</i>	<i>Holes</i> <i>Plus supplementary texts on Life Cycle of a Flowering Plant (5) and Life Cycle Comparison (5). (Safeguarding/PHSE: rule of law and consequences for actions)</i>	<i>Cosmic</i> <i>Plus supplementary texts on The ISS (5) and The Dragon shuttle (5). (Safeguarding/PHSE: telling the truth and self-acceptance)</i>

<p>English: Writing</p>	<p>The Tempest</p> <ul style="list-style-type: none"> ❖ Persuasive letter ❖ Play script <p><i>(Safeguarding/PHSE: persuasion vs coercion)</i></p>	<p>Secrets of a Sun King</p> <ul style="list-style-type: none"> ❖ Newspaper ❖ Discussion (balanced argument) <p><i>(Safeguarding/PSHE: media bias and fake news)</i></p>	<p>Boy in the Tower</p> <ul style="list-style-type: none"> ❖ Narrative ❖ Informal letter 	<p>Treason</p> <ul style="list-style-type: none"> ❖ Setting description ❖ Diary 	<p>Holes</p> <ul style="list-style-type: none"> ❖ Non-chronological report ❖ Flashback narrative 	<p>Cosmic</p> <ul style="list-style-type: none"> ❖ Persuasive advert ❖ Formal letter
<p>Maths</p>	<p>Number Place Value Addition & subtraction Rounding Measurement Perimeter</p>	<p>Geometry Angles – estimating and comparing, properties. Statistics Line graphs Number Prime numbers and factors Square and cube numbers Mental multiplication and division Units of time Timetables <i>(Safeguarding/PHSE: compass safety and healthy competition)</i></p>	<p>Number Multiplication and Division $\times/\div 10,100, 1000$ Scaling Measurement Converting units of measure – metric and imperial</p>	<p>Fractions Comparing, ordering, finding equivalents Adding and subtracting Decimals Rounding decimal numbers</p>	<p>Fractions Mixed number and improper Multiplying Decimals Percentages</p>	<p>Geometry Polygons 3D shapes 2D representations Reflection and translation Angles – measuring and identifying missing angles Measurement Area Volume and capacity</p>
<p>History</p>	<p>N/A</p>	<p>Ancient Egyptians A1, A3, B1, B2, C1, C2, D1, E1, E3</p>	<p>Black Death A1, A3, B2, C1, D1, E3</p> <p>Staying safe from disease and healthy lifestyles</p>	<p>Tudors (Henry VIII) A1, A2, B1, C1, D1, E2</p> <p><i>(Safeguarding/PHSE: hygiene)</i></p> <p>Henry the VIII's trumpeter</p>	<p>N/A</p>	<p>Galileo Galilei & Leonardo Da Vinci A1, B3, C2, C3, D1, E1</p> <p>Benjamin Banneker Women in Space</p>

<p>Geography</p>	<p>Map of Alchemy Island A1, A2, A3, A5, C1</p> <p><i>(Safeguarding/PHSE: orienteering and map reading)</i></p>	<p>Geographical location and features of Egypt B1, C2, C3, C5</p> <p>Positive climate change - is the Sahara desert greening?</p>	<p>Global spread of Black Death Human/physical factors influencing spread B2</p> <p><i>(Safeguarding/PHSE: pandemic awareness and how to limit the spread of infection)</i></p> <p>How the human and physical characteristics of a location can impact cause and change. The spread of the plague and how urbanisation and trade caused this to spread.</p>	<p>Comparison of Tudor and modern maps B1, B2, C3</p>	<p>Local allotments Comparison of farming regions. Climate and land use patterns B1, C4, C5, D1</p> <p><i>(Safeguarding/PHSE: pesticides and environmental change)</i></p>	<p>Map skills C3, A4</p> <p><i>(Safeguarding/PHSE: safety around water)</i></p> <p>Fieldwork: How has land use in Sneinton changed over time?</p> <p>Renovation of Sneinton market. Change of use showing the developing needs of the community.</p>
<p>Art</p>	<p>N/A</p>	<p>Observational drawing of Egyptian artefacts A1, A6, E2, F1, F2, F3</p> <p>Alaa Awad</p> <p>Art Gallery Visit</p>	<p>N/A</p>	<p>Tudor portraits A1, A3, C2, E2, E3, F1, A4</p>	<p>Henri Rousseau A2, A3, A5, E1, F1, F2</p> <p>Richard Mayhew</p>	<p>Peter Thorpe and Leonardo Da Vinci A6, A7, B1, C1, E1, F3 D1</p> <p><i>(Safeguarding/PHSE: photographic safety and permission)</i></p>

<p>Design Technology</p>	<p>Prototype torches to explore Alchemy island B2, C1, C2, C3, D2, E2, E3, E1</p> <p><i>(Safeguarding/PHSE: electrical circuit safety)</i></p> <p>Lewis Latimer</p>	<p>N/A</p>	<p>Medieval gingerbread A1, B1, C1, C3, D1, D2, D3</p> <p><i>(Safeguarding/PHSE: food hygiene and allergens)</i></p>	<p>N/A</p>	<p>Seasonal couscous salad A1, A2, B1, B2, C1, C3, D1, D3</p> <p><i>(Safeguarding/PHSE: food hygiene and healthy lifestyles)</i></p> <p>Healthy diets</p>	<p>Rockets B1, B2, C1, C2, C3, D1, D3</p> <p><i>(Safeguarding/PHSE: using tools safely)</i></p> <p>Inventor- Robert H Goddard (invented first liquid fuelled rocket).</p>
<p>Religious Education <i>(Safeguarding – celebrating differences, human rights)</i></p>	<p>Sikhism: Belief into action Key Question: How far would a Sikh go for his/her religion? A1, B1, C1</p> <p><i>(Safeguarding/PSHE: qualities of a role model)</i></p>	<p>Christianity: Christmas Key Question: Is the Christmas story true? A2, B2, C2</p> <p><i>(Safeguarding/PHSE: sensitivity to the beliefs of others)</i></p>	<p>Sikhism: Beliefs and moral values Key Question: Are Sikh stories important today? A3, B3, C2</p> <p><i>(Safeguarding/PHSE: sensitivity to the beliefs of others)</i></p>	<p>Christianity: Easter Key Question: How significant is it for Christians to believe God intended Jesus to die? A4, B4, C4</p> <p><i>(Safeguarding/PHSE: sensitivity to the beliefs of others)</i></p>	<p>Sikhism: Prayer and Worship Key Question: What is the best way for a Sikh to show commitment to God? A5, B5, C5</p> <p><i>(Safeguarding/PHSE: sensitivity to the beliefs of others)</i></p>	<p>Christianity: Beliefs and Practices Key Question: What is the best way for a Christian to show commitment to God? A6, B6, C6</p> <p><i>(Safeguarding/PHSE: sensitivity to the beliefs of others)</i></p>
<p>Computing</p>	<p>A: Computer Science B: Information Technology Coding A1, A2, A3, A4, A5, A6 A: Computer Science B: Information Technology C: Digital Literacy Online Safety A7, A8, A9, A10 B1, B2 C1, C2, C3, C4</p>	<p>B: Information Technology Spreadsheets B3, B4, B5</p> <p><i>(Safeguarding/PHSE: healthy relationships and eSafety)</i></p>	<p>B: Information Technology Databases B3, B4, B5</p> <p><i>(Safeguarding/PHSE: eSafety)</i></p>	<p>A: Computer Science Game Creator A2</p> <p><i>(Safeguarding/PHSE: eSafety)</i></p>	<p>B: Information Technology 3D Modelling Concept Maps B3, B4, B5, B6</p> <p><i>(Safeguarding/PHSE: eSafety)</i></p>	<p>B: Information Technology Word Processing (Microsoft Word) B3, B4, B5</p> <p><i>(Safeguarding/PHSE: eSafety)</i></p>

Physical Education	Evasion games <i>(Safeguarding/PHSE: sportsmanship and physical safety in games)</i>	Gymnastics Dance <i>(Safeguarding/PHSE: safe apparel and equipment)</i>	Healthy and active lifestyles Evasion game <i>(Safeguarding/PHSE: inclusivity)</i>	Evasion games striking & fielding <i>(Safeguarding/PHSE: sportsmanship)</i>	Striking and fielding Net/wall games <i>(Safeguarding/PHSE: healthy lifestyles)</i>	Net/wall games Athletics <i>(Safeguarding/PHSE: inclusivity)</i>
PSHE (Safeguarding)	British Values, Teamwork, Dares, Emotional Health	Bullying, British Values, Wellbeing, Trust, Appropriate Touch, Smoking	GREAT PROJECT	Road Safety Quiz, Hygiene, British Values, Money, Dares,	Safeguarding, Democracy and Parliament, Body Image, Bullying, Gender, Smoking	Growing and changing, Health and Wellbeing, Drugs, Living and Growing, Safeguarding
Science	Working Scientifically A4, A5, A6 Properties and changes of materials D1, D2, D3, D4 <i>(Safeguarding/PHSE: electrical and chemical safety)</i> <i>(Safeguarding/PHSE: safety with equipment and impact of force)</i>	Working Scientifically A1, A2, A3, Forces F1, F2, F3	Working Scientifically A1, A7, A8 Animals, including humans C1 <i>(Safeguarding/PHSE: families)</i>	Working Scientifically A1, A2, A5, Properties and changes of materials D5, D6 <i>(Safeguarding/PHSE: chemical safety)</i>	Working Scientifically A2, A3, A4, Living things and their habitats B1, B2 Allotments: good or bad for wildlife's habitats? Jagdish Chandra Bose – discovered plants that can feel pain. George Washington Carver <i>(Safeguarding/PHSE: sensitivity to animals)</i>	Working Scientifically A6, A7, A8 Earth and Space E1, E2, E3, E4 <i>(Safeguarding/PHSE: how to communicate in an emergency)</i> Robert Lawrence
Scientific Enquiry	You are stranded on Alchemy Island. Which material is most suitable to keep you warm/dry/etc.? 	What affects the fall rate of an object dropped from height? What effect does a lever have on small forces? 	Do humans grow at the same rate as other mammals? Does the size of the animal affect their gestation period? 	Group and classify materials based on their properties and using your own classification system. 	Describe the difference in life cycle between a mammal and an insect. 	Compare the time of day at different places on Earth and explain why this happens. 

<i>Music</i>	<i>Our Community</i> A1, A2, A3, C1, D1, D2	<i>Keeping Healthy</i> A4, A5, B1, C2, D3, D4	<i>At the Movies</i> A6, B2, B3, B4, B5, B6.	<i>Life cycles</i> A5, A7, A8, C1, C6, D8	<i>Celebration</i> C3, C5, D4, D5, D6, D7.	<i>Solar System</i> A9, B7, B8, C7,D9, D10.
<i>Spanish</i>	<i>European Day of Languages</i> <i>Country Study: Argentina</i> <i>My family 1</i>	<i>My family 2</i> <i>Christmas in Argentina</i>	<i>In the Animal Park 1</i>	<i>In the Animal Park 2</i> <i>Easter in Argentina</i>	<i>What's the weather like?</i> <i>El día de la revolucion festival</i>	<i>Big Numbers</i> <i>La Morisma festival</i>