









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> |
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| <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> |

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| <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> |

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| <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> |

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| <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> |

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| 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.  |

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| <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> |