









Year 4 Curriculum Overview 2021-2022

	<u>Autumn 1</u> <i>Traders and Raiders</i>	<u>Autumn 2</u> <i>Potions</i>	<u>Spring 1</u> <i>1066</i>	<u>Spring 2</u> <i>Cracking Contraptions</i>	<u>Summer 1</u> <i>Burps, Bottoms and Bile</i>	<u>Summer 2</u> <i>Blue Abyss</i>
<i>Enrichment/ Hook</i>	❖ Viking workshop/( Wollaton Hall visit) ❖ Artefacts	❖ <i>Potion making</i> (Safeguarding – safe use of medicines and chemicals)	❖ Nottingham Castle visit ❖ Place of worship – Buddhist temple	❖ Nottingham Industrial Museum visit	❖ Visual digestive system	❖ Prime VR ❖ Residential ❖ Place of worship – St Christopher’s Church
<i>Mastery Day Focus</i>	❖ <i>Applying K&amp;U to create their own educational visit about the Anglo- Saxons/Vikings to be held in another school.</i>	❖ <i>Applying K&amp;U of the impact of medicines to create their own healthy drink that has a positive impact on their client.</i>	❖ <i>Applying K&amp;U of leadership and the impact on society to pitch for a bid to lead and develop a community.</i> ❖ <i>Create a community that could overthrow the Normans?</i> - Battle leader - Earl - Archbishop - Farmer/villager - Architect	❖ <i>Applying K&amp;U of global inventions to pitch an idea for their own invention in The Dragon’s Den.</i>	❖ <i>Applying K&amp;U of the digestive system and healthy lifestyles to create an interactive exhibition for a science museum.</i>	❖ <i>Applying K&amp;U of environmental issues to create a campaign on looking after the environment.</i>
<i>Career Related Learning</i>	❖ <i>Museum curator/archaeologist</i>	❖ <i>Doctor</i>	❖ <i>Historian</i>	❖ <i>Inventor/entrepreneur</i>	❖ <i>Dentist</i>	❖ <i>Marine scientist</i>
<i>English: Reading</i>	<i>Beowulf</i>  Plus supplementary texts on the Romans (4) and the Vikings (4)	<i>George’s Marvellous Medicine</i>  Plus supplementary texts on Potions ( 4) and India (4)  (Safeguarding – safe use of medicines and chemicals, children’s rights)	<i>Anglo Saxon Boy</i>  Plus supplementary texts on Battles (4) and Stories with a past (4)  (Safeguarding – stereotypes)	<i>The Lost Thing</i>  Plus supplementary texts on British Inventors (4) and Robots (adapted 5)  (Safeguarding – asking for help, celebrating differences, discrimination, belonging)	<i>How To Train Your Dragon</i>  Plus supplementary texts on the <i>Human Body</i> (4) and Modern Myths (4)	<i>Why The Whales Came</i>  Plus supplementary texts on Ocean depths ( 4) and the Titanic (adapted 5)  (Safeguarding – water safety)

<p><b>English: Writing</b></p>	<p><b>Beowulf</b></p> <ul style="list-style-type: none"> <li>❖ Newspaper report on Viking raid at Lindisfarne</li> <li>❖ Narrative – action/battle scene</li> </ul>	<p><b>George's Marvellous Medicine</b></p> <ul style="list-style-type: none"> <li>❖ Character comparison – George and Grandma</li> <li>❖ Narrative</li> </ul> <p><i>(Safeguarding – safe use of medicines and chemicals, children's rights)</i></p>	<p><b>Anglo Saxon Boy</b></p> <ul style="list-style-type: none"> <li>❖ Letter of complaint from brother to father about unequal treatment</li> <li>❖ Narrative</li> </ul> <p><i>(Safeguarding – safe use of medicines and chemicals, children's rights)</i></p>	<p><b>The Lost Thing Bibo (video clip)</b></p> <ul style="list-style-type: none"> <li>❖ Diary from Sean's perspective</li> <li>❖ Character description of character from The Lost Thing</li> </ul> <p><i>(Safeguarding – asking for help, celebrating differences, discrimination, belonging)</i></p>	<p><b>How To Train Your Dragon</b></p> <ul style="list-style-type: none"> <li>❖ Explanation text on subject of choice</li> <li>❖ Narrative poetry to tell a story</li> </ul>	<p><b>Why The Whales Came</b></p> <ul style="list-style-type: none"> <li>❖ <i>Information text related to oceans</i></li> <li>❖ <i>Persuasive argument on environmental issues</i></li> </ul>
<p><b>Maths</b></p>	<p><b>Place Value Number Measurement</b></p> <p>Place Value Negative numbers Rounding Roman numerals Addition and subtraction Perimeter Money totals and change</p>	<p><b>Number Statistics Fractions and decimals</b></p> <p>Addition and subtraction problem solving Continuous and discrete data Comparison, sum and difference problems Rounding decimals</p>	<p><b>Number Measurement</b></p> <p>Written multiplication Area of rectilinear shapes Converting units of measure Distributive law Scaling and correspondence problems Inverse Estimation</p>	<p><b>Fractions and decimals</b></p> <p>Tenths and hundredths Equivalent fractions Decimal equivalents</p>	<p><b>Fractions Measurement</b></p> <p>Fractions of amounts Adding and subtracting fractions Analogue and digital 12- and 24-hour clocks Converting time, days, weeks, months and years</p>	<p><b>Geometry</b></p> <p>Identifying angles Ordering and comparing angles Properties of quadrilaterals and triangles Symmetry Co-ordinates Translation</p>
<p><b>History</b></p>	<p><b>Anglo Saxons &amp; Vikings</b> A1, A2, A3, B1, B2, C2, E1</p> <p><i>(Safeguarding – human rights)</i></p> <p><b>Hadrian from African descent. Female Viking warrior – Birka.</b></p>	<p><b>History of medicine</b> A3, B1, B2, C2, E1</p> <p><i>(Safeguarding – safe use of medicines and chemicals, children's rights, human rights)</i></p> <p><b>History of medicine from Asia and Africa. Link to year 2 Mary Seacole's mother Elizabeth Garrett Anderson first female doctor.</b></p>	<p><b>1066</b> A1, A2, A3, B1, B2, D1, E1</p>	<p><b>Significant local inventions and discoveries</b> A2, A3, B2, C2, E1</p> <p><b>Nottingham inventors and inventions</b></p>	<p><b>N/A</b></p>	<p><b>The Titanic</b> A1, A3, B1, C1, C2, E1</p> <p><i>(Safeguarding – human rights, societal differences)</i></p>
<p><b>Geography</b></p>	<p><b>The UK and geographical changes over time</b> A3, C1, C4, D2</p> <p><b>Industrialisation and its impact on physical and</b></p>	<p><b>N/A</b></p>	<p><b>The UK</b> A4, C1, C2, C3</p>	<p><b>N/A</b></p>	<p><b>Comparison – cities and villages &amp; Blue Zones</b> A1, A2, B2, B3, D1</p>	<p><b>Plastic pollution: The environment</b> A5, B1, B4, D2</p> <p><i>Fieldwork: What impact do the geographical features</i></p>

	human geography and the aspirations of society.				<p>Sustainable cities – Case study – Curitiba (Brazil) – Architect Jamie Lerner</p> <p>Mental and physical health in Blue Zones. Nottingham city and the Government Active Travel Fund – encourages people to walk/cycle to work</p> <p>Difference between diversity of the population in a village and a city.</p>	<p>of Sneinton have on the environment?</p> <p>Human impact on the environment – Nottingham city council pledge to be single use plastic free by 2023</p>
Art	<p>Anglo Saxon patterns (Printing) A5, B1, E2</p> <p>Lalla Essaydi, Mandala patterns,</p>	<p>Clay potion bottles (Observational drawings) A5, C1, F1, F2</p> <p>Ikuko Iwamoto</p>	<p>Bayeux Tapestry E2, A5, A6</p> <p>Tapestry from a range of cultures</p>	<p>Eric Joyner D1, E1, F1, F7</p>	<p>Artist Study – Giacometti A3, A5, A6, C1, E1, F1, F2</p>	<p>Artist Study – LS Lowry (Seascapes) A1, A2, A3, A4, A7, E2, F1, F2</p>
Design Technology	<p>Anglo-Saxon houses B1, B2, D1, D3, C1</p>	<p>Clay potion bottles (linked to art) B1, B2, B3, D1, D3, C1</p> <p>Potion bottles from different cultures</p>	<p>Norman helmets B3, C1, D1, D3</p>	<p>Musical instruments B1, B2, B3, D1, D2, D3, C1</p>	<p>Healthy fruit skewers/fruit salads/salad A1, A2, A3, B1, B2, B3, D1, D3</p> <p>Diets linked to longevity (Safeguarding – health, diet, body image)</p>	<p>Automata (Mechanical toys) B1, B2, D1, D3, C1, E1, E2</p>
Religious Education (Safeguarding – celebrating differences, human rights)	<p>Buddhism: Buddha's teachings Key Question: Is it possible for everyone to be happy? A1, B1, C1</p>	<p>Christianity: Christmas Key Question: What is the most significant part of the nativity story for Christians today? A2, B2, C2</p>	<p>Buddhism: The 8-fold path Key Question: Can the Buddha's teachings make the world a better place? A3, B3, C3</p>	<p>Christianity: Easter Key Question: Is forgiveness always possible for Christians? A4, B4, C4</p>	<p>Buddhism: The 8-fold path Key Question: What is the best way for a Buddhist to lead a good life? A5, B5, C5</p>	<p>Christianity: Prayer and worship Key Question: Do people need to go to church to show they are Christians? A6, B6, C6</p>
Computing	<p>A: Computer Science B: Information Technology Coding A1, A2, A3, A4, A5, A6, A7, A8, B3, B4, B5</p> <p>C: Digital Literacy Online Safety</p>	<p>B: Information Technology Spreadsheets B3, B4, B5, B6</p> <p>(Safeguarding – E-Safety)</p>	<p>B: Information Technology Writing for different audiences B5, B6</p> <p>(Safeguarding – E-Safety)</p>	<p>B: Information Technology Writing for different audiences B5, B6</p> <p>(Safeguarding – E-Safety)</p>	<p>B: Information Technology Animation B6</p> <p>A: Computer Science B: Information Technology Effective searching A10, B1, B2, B6</p>	<p>A: Computer Science Hardware investigators A9, A10</p> <p>B: Information Technology Making Music B5, B6</p> <p>(Safeguarding – E-Safety)</p>

	A10 C1, C2, C3, C4, C5, C6  <i>(Safeguarding – E-Safety)</i>				<i>(Safeguarding – E-Safety)</i>	
Physical Education	Evasion games	Gymnastics Dance	Healthy and active lifestyles Evasion games	Evasion games Striking and fielding	Striking and fielding Net/wall games	Net/wall games Athletics
PSHE <i>(Safeguarding)</i>	New beginnings British Values – Rule of Law Teamwork Safeguarding – feelings Safeguarding – identifying and managing risk Emotional Health	Bullying British Values – Tolerance Wellbeing – volunteering Safeguarding – consequences of behaviour Safeguarding – body space Healthy living	Emotional Health – Aspirations British Values – Mutual Respect Friendships – Making choices Safeguarding – Reasons for rules Mental Health – Feelings Mental Health – Body image	Road Safety Personal hygiene British Values – Individual Liberty Money – Fraud Safeguarding – Dares Safeguarding - Influence	Rights and Responsibilities British Values – Democracy Safeguarding – Keeping healthy and safe Bullying Gender stereotypes Safeguarding – Key risks of smoking and alcohol	Emotions Managing changes Safeguarding – Positive relationships Living and Growing Safeguarding – Saying No Transitions
Science	Electricity F1, F2, F3, F4, F5 Working scientifically A1, A5, A6, A7 <i>(Safeguarding – Electrical Safety)</i> Lewis Howard Latimer	States of matter D1, D2, D3 Working scientifically A1, A2, A3, A4, A5, A6, A7  Kevin Stonewall, biomedical engineer	Sound E1, E2, E5 Working scientifically A1, A2, A4, A5	Sound (Sound circus – investigating pitch and volume) E3, E4 Working scientifically A1, A2, A5, A6, A7  Cochlea hearing implant – inventions that change lives	Animals including humans C1, C2, C3 Working scientifically A1, A2, A4, A5, A6 <i>(Safeguarding – health, diet, body image)</i>  What is the best way to keep a healthy digestive system?	Living things and their habitats B1, B2, B3 Working scientifically A1, A4, A5, A6  How is global warming affecting the lives of animals?  David Attenborough’s Blue Planet - discuss solutions for our oceans.

<p><b>Science Enquiry</b></p>	<p><i>Identify and classify appliances that run on electricity.</i></p> 	<p><i>How does temperature affect evaporation time?</i></p> 	<p><i>You have been tasked with finding intelligence from the enemy, whilst keep your own intelligence a secret. Explore ways to increase and decrease sound.</i></p> 	<p><i>How do different materials affect pitch?</i></p> 	<p><i>What are the functions of the different types of human teeth?</i></p> 	<p><i>Explore the effect of human impact on our environment over time.</i></p> 
<p><b>Spanish</b></p>	<p><i>European Day of Languages Country Study: Mexico In my pencil case</i></p>	<p><i>My family 1 The Day of the Dead festival Christmas in Mexico</i></p>	<p><i>My family 2</i></p>	<p><i>My flag Easter in Mexico</i></p>	<p><i>In the Animal Park 1 Cinco de mayo festival</i></p>	<p><i>In the Animal Park 2</i></p>
<p><b>Music</b></p>	<p><i>Communication A1, B1, B2, D1</i></p>	<p><i>Poetry A2, A3, A4, A5, D2, D3.</i></p>	<p><i>Sounds B2, C1, C3, D4, D5</i></p>	<p><i>Recycling A6, B3, B4, C4, D6, D7.</i></p>	<p><i>Food and Drink A7, B5, C5, D8, D9</i></p>	<p><i>Environment A8, B6, B7, C6, C7</i></p>