

## Highfield Year 4 Curriculum Map



	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
English	Biographies, Sea Poetry, Explanations, Creative Story, Paragraphing and VCOP		Myths and legends, Instructions, Newspaper Reports, Recount		Reports and Explanations, Allotment Diary Writing, Persuasive, Letters	
Educational visits/ speakers	Robin Hood's Bay Gurdwara visit		Murton Park – Invaders and Settlers		Health/sports/environmentalist people/parents to talk to classes	
Science	Rocks	Electricity		Sound	All living things and their habitats	Animals including humans
Computing	E - Safety Scratch Slug Trail (4wks)	Logo Firework (5wks) Frames Day iPad	Word Processor - Inserting and adjusting tables, apply style to a new document linked to topic	Taking Screen Shots iPads Resizing digital images linked to Murton Park Complex Printing	Web research including copy and paste, removing web format Using iPads	Scratch Crab Maze (6 wks)
History	Life For Children In Robin Hood's Bay		Invaders and Settlers Romans Anglo Saxons and Vikings			
Geography	Robin Hood's Bay		Ancient Maps and Modern Maps		Caring for the Environment, Pollution, Recycling and Conservation Issues Map Work, Orienteering in the school grounds/basic map skills	
Art	Cottages and Star Fish: collage, paintings, pastels, drawing, charcoal, printing, textiles		Roman Mosaics (ICT) Clay work, People collage		Rainforest and Exotic Animals (painting and photography)	
DT	Digital Animation (RHBay scenery)	Starfish Calendars (sewing) Baking Christmas spicy biscuits	Wooden Siege Machines		Healthy Sandwiches including allotment grown food Packages for Toothpaste Baking Bread	
RE	Sikhism and visit Gurdwara		Inspirational People		Buddhism	
PHSCE	Economic Wellbeing (money, saving budgets)	Say no to Bullying Including E - Safety	Drugs Education - Alcohol	E-Safety Broadband Detectives	Staying fit healthy and clean	Emergencies 999 calls, basic first aid and emergency

						planning
<b>PE</b>	Co-ordination- floor movement patterns Rolling Swimming (Class A)	Dynamic balance to agility Swimming (Class A)	Dynamic Balance Swimming (Class B)	Co-ordination with equipment Invasion Games Swimming (Class B)	Agility reaction/response Rainforest Intensive swimming	Agility-ball chasing Athletics Intensive swimming
<b>French</b>						
<b>Music</b>	Creatures of the Sea Robin Hood's Bay Concert		Invaders and Settlers music and songs		Composition – Sounds of the Rainforest	
<b>Mathematics</b>	<ul style="list-style-type: none"> <li>Count in multiples of 6, 7, 9, 25 and 1000</li> <li>Find 1000</li> <li>Count backwards through zero to include negative numbers</li> <li>Recognise place value to four-digits</li> <li>Order/compare numbers beyond 1000</li> <li>Identify, represent and estimate numbers</li> <li>Round any number to nearest 10, 100 or 1000</li> <li>Solve larger number and practical problems**</li> <li>Read Roman numerals to 100 and the changing of the system to include zero</li> <li>Add and subtract with up to four digits using formal written methods (column) where appropriate</li> <li>Estimate an answer and use inverse operations to check answers</li> <li>Solve two-step addition and subtraction problems in contexts, deciding methods/operations to use and why</li> <li>Recall multiplication and division facts for times tables up to 12 x 12</li> <li>Use place value and known facts to multiply and divide mentally including; multiply by 0 and 1, divide by 0 and 1, multiply together three numbers</li> <li>Recognise and use factor pairs and commutativity in mental calculations</li> <li>Multiply two-digit and three-digit numbers by a one-digit number using a formal written layout</li> <li>Solve problems including the distributive law to multiply two-digit numbers by one-digit, integer scaling problems and correspondence problems (n objects related to m objects)</li> <li>Recognise and show using diagrams families of common equivalent fractions</li> <li>Count up and down in hundredths; recognise that hundredths arise when dividing an object by 100 and dividing tenths by 10</li> <li>Solve problems involving harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions and whole-number answers</li> <li>Add and subtract fractions with the same denominator</li> <li>Recognise and write decimal equivalents for tenths and hundredths</li> </ul>					

- Recognise and write decimal equivalents for  $\frac{1}{4}$ ,  $\frac{1}{2}$ ,  $\frac{3}{4}$
- Find the effect of dividing a one or two-digit number by 10 or 100 and their value
- Round decimals with one decimal place to the nearest whole number
- Compare decimals up to two decimal places
- Solve simple measure and money problems involving fractions and decimals to two decimal places
- Convert between different units of measure
- Measure and calculate the perimeter of rectilinear figures in cm and m
- Find the area of rectilinear figures by counting squares
- Estimate, compare and calculate different measures, including money in £ and p
- Read, write and convert time between analogue and digital 12- and 24-hour clocks
- Solve problems involving converting from hours to minutes; minutes to seconds; years to months; weeks to days
- Compare and classify geometric shapes including quadrilaterals and triangles, based on their properties and sizes
- Identify acute and obtuse angles and compare and order angles up to two right angles by size
- Identify lines of symmetry in 2-D shapes presented in different orientations
- Complete a simple symmetric figure with respect to a specific line of symmetry
- Describe positions on a 2-D grid as coordinates in the first quadrant
- Describe movements between positions as translations of a given unit to the left/right and up/down
- Plot specified points and draw sides to complete a given polygon
- Interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs
- Solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs

<b>End of Topic Piece</b>	Robin Hood's Bay Concert	Siege Machines	Rainforest in the Classroom with musical composition
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