

Long Term Planning Year 5

Curriculum Areas	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
English	<p>Writing to inform Recount Letter Biography Newspaper article Text (Historical) The Amazing Tale of Ali Pasha</p> <p>Grammar and Sentences Subordinating conjunctions, expanded noun phrases, passive voice, colons.</p> <p>Punctuation Commas – to mark clauses Brackets and dashes – to explain technical vocabulary. Semi colons to punctuate complex lists Colons to introduce lists or sections Brackets and dashes to mark relative clauses</p>	<p>Writing to inform Explanation Recount Letter Non chronological report Text (Contemporary) Kensuke’s Kingdom</p> <p>Grammar and Sentences Subordinating conjunctions, expanded noun phrases, passive voice, colons.</p> <p>Punctuation Commas – to mark clauses Brackets and dashes – to explain technical vocabulary. Semi colons to punctuate complex lists Colons to introduce lists or sections Brackets and dashes to mark relative clauses</p>	<p>Writing to discuss Balanced argument Newspaper article Review</p> <p>Text (Science Fiction – Climate Fiction) SEABean Trilogy</p> <p>Grammar and Sentences Modal verbs Relative clauses Adverbials Expanded noun phrases Passive voice</p> <p>Punctuation Brackets or dashes in parenthesis Colons and semi colons to punctuate complex lists Semi Colons to mark related clauses Commas to mark relative clauses</p>	<p>Writing to entertain Narrative description Poetry Character/settings</p> <p>Text (Poetry/Classic) The Highwayman</p> <p>Grammar and Sentences Subordinate Clauses Relative clauses Range of sentence structures to add interest</p> <p>Punctuation Brackets – for incidentals Dashes – for additional information Colons – further detail Semi Colons – for joining related clauses</p>	<p>Writing to persuade Advertising Letters Speech campaign Text (Contemporary) The Watertower</p> <p>Grammar and Sentences Use of the imperative and modal form of verbs to add urgency Use of adverbials for certainty Short sentences for emphasis Use of the subjunctive for formal structure</p> <p>Punctuation Use of question mark and exclamation mark for rhetorical and exclamatory sentences Colons and semi colons to list</p>	<p>Writing to entertain Narrative description Poetry Character/settings</p> <p>Text (Multicultural) Varjak Paw by SF Said Ali Baba and the Forty Thieves from 1001 Arabian Nights</p> <p>Grammar and Sentences Subordinate Clauses Relative clauses Range of sentence structures to add interest</p> <p>Punctuation Brackets – for incidentals Dashes – for additional information Colons – further detail Semi Colons – for joining related clauses</p>

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					features, attractions or arguments Brackets and dashes used in parenthesis Semi colons for structured repetition	
Mathematics	<p>Number and place value Count forwards and backwards in steps of 1,000 and 100,000 for any given number up to 1,000,000. Round any number up to 1000,000 to the nearest 100,000 10,000. Read Roman numerals to 1000(M) and recognise years written in Roman numerals.</p> <p>Addition and subtraction Revise mentally addition and subtraction of any 2 and 3-digit numbers. Add and subtract any 1000s number from any 5-digit number. Revise adding and subtracting 2 5-digit numbers</p> <p>Statistics</p>	<p>Multiplication and division Identify multiples and factors including finding all factor pairs. Recognise and use squared numbers and cube numbers and the correct notation. Use the square root sign $\sqrt{\quad}$. Solve problems where larger numbers are used by decomposing them into their factors. Multiply numbers up to 4-digits by a 1-digit or 2-digit number using an efficient written method, including</p>	<p>Multiplication and division Multiply numbers up to 4-digits by a 1-digit or 2-digit number using an efficient written method, including long multiplication for 2-digit numbers. Divide numbers up to 4-digits by a 1-digit number using short division written method</p> <p>Fractions (including decimals and percentages) Solve problems which require knowing percentage and decimal equivalents of $\frac{1}{2}$, $\frac{1}{4}$, $\frac{1}{5}$, $\frac{2}{5}$, $\frac{4}{5}$ and those with a</p>	<p>Fractions (including decimals and percentages)-Cont. Solve problems which require knowing percentage and decimal equivalents of $\frac{1}{2}$, $\frac{1}{4}$, $\frac{1}{5}$, $\frac{2}{5}$, $\frac{4}{5}$ and those with a denominator of a multiple of 10 or 25. Mentally add and subtract tenths and mixed numbers with tenths. Add and subtract decimals up to 3 decimal points. Solve problems by comparing and ordering fractions whose denominators are all multiples of the same number.</p>	<p>Number- Decimals Solve problems which require knowing percentage and decimal equivalents of $\frac{1}{2}$, $\frac{1}{4}$, $\frac{1}{5}$, $\frac{2}{5}$, $\frac{4}{5}$ and those with a denominator of a multiple of 10 or 25. Add and subtract decimals up to 3 decimal points.</p> <p>Geometry: properties of shape Draw squares, rectangles and all triangles using given dimensions (to the nearest millimetre) and angles with a protractor. State and use the properties of a rectangle (including</p>	<p>Geometry: position, direction, motion Identify, describe and represent the position of a shape following a reflection or translation in all four quadrants, using the appropriate language, and know that the shape has not changed</p> <p>Measures Converting Units (Understand and use basic equivalences between metric and common imperial units and express them in approximate terms.) Measure -Volume</p>

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	Solve comparison, sum and difference problems using information presented in line graphs Interpret information stored in a pie chart	long multiplication for 2-digit numbers. Divide numbers up to 4-digits by a 1-digit number using short division written method Measure (Perimeter and Area) Measure and calculate the perimeter and area of composite rectilinear shapes in standard units.	denominator of a multiple of 10 or 25. Mentally add and subtract tenths and mixed numbers with tenths. Add and subtract decimals up to 3 decimal points. Solve problems by comparing and ordering fractions whose denominators are all multiples of the same number. Add and subtract fractions with the same denominator and related fractions; write mathematical statements >1 as a mixed number.	Add and subtract fractions with the same denominator and related fractions; write mathematical statements >1 as a mixed number.	squares) to deduce related facts. Distinguish between regular and irregular polygons based on reasoning about equal sides and angles. Identify: Multiples of 90°; angles at a point on a straight line and ½ a turn (total 180°); angles at a point and one whole turn (total 360°; reflex angles and compare different angles	
Science	Life Cycles of Living Organisms including reproduction	Human Life Cycle (Baby, childhood, adolescence and adult) inc. gestation periods of animals comparing with humans	Properties and Changes of Materials	Properties and Changes of Materials	Forces (gravity, friction and resistance, mechanisms)	Earth and Space
Computing	News: photography, editing (images and	Coding – Barclays Bank writing code to program a robot	Blogging	Coding – Hour of Code	Use of data logging technology and handling data	Modelling and simulation – Lego WeDo

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	text), Filming news reports Blogging					
Expressive Art and Design & Design and Technology	Art: Photography and still Life Artists, architects and designers in history (Continuously refer back to artists, architects and designers in history for inspiration or comparison.): Michael Foreman – seascapes. Colour	Printing – line. Artists, architects and designers in history (Continuously refer back to artists, architects and designers in history for inspiration or comparison.):	Art: Environmental Art linked to pattern in nature Texture.	DT: BEAT THE FLOOD Focussed practical – design and make our own flood proof model. Evaluation.	Art Topic- Pattern Theme-Islamic Art Medium-Drawing Artists, architects and designers in history (Continuously refer back to artists, architects and designers in history for inspiration or comparison.): Escher Turkish artists	DT: Cookery – Design and make a luncheon for invited guests
Music	Rhythm and composition	Rhythm and composition	Preparation for Musical evening performances	Preparation for Musical evening performances	Songs from musicals of their choice	Songs from musicals of their choice
Ivrit	Language oracy and literacy. In the classroom. Telling the time (part 1). Festivals.	Language oracy and literacy. Shopping, festivals.	Language oracy and literacy. When were you born? Festivals.	Language oracy and literacy. Hobbies, festivals.	Language oracy and literacy. What I did yesterday.	Language oracy and literacy. End of year party.
PE	Tension and Counter tension Gymnastics Swimming	Flight - Gymnastics Swimming	Dance Hockey	Dance Hockey	Progressive Sports	Progressive Sports Athletics – linked to Sports day

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						Rounders
Humanities (Geography and History)	War and Peace Local Area Study – our school		Beat the Flood & Case study: Rivers		History/Geography Study – Ancient Islamic Civilisation: Baghdad 900 CE	
SEAL/ PSHE and Citizenship	1 Decision – Keeping/Staying Safe: Cycle Safety Bikeability Training	Keeping/Staying Healthy: Smoking Keeping/Staying Healthy: Puberty	Being Responsible – Looking out for others. Feelings and Emotions – Anger.	Computer Safety - Online Bullying The Working World – Enterprise.	A World Without Judgement – Same Sex Marriage.	Computer Safety – Image Sharing Keeping/Staying Safe – Peer Pressure
Trips / visitors / events	Tatton dale Home Farm Evacuee Day	IWMN and Media City	Magna Science Adventure Centre	Longdendale river investigation	Coding at Radbroke Hall	KD Transition