## Year Group 4

## Amherst School

Curriculum Overview - Long Term Planning (2023-2024)

## MATHS OVERVIEW

|  | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 |
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|  | Number <br> Place value |  |  |  | Number <br> Addition and subtraction |  |  |  | Number <br> Multiplication and division A |  |  |  |
| $\begin{aligned} & \text { 음 } \\ & \text { 䓂 } \end{aligned}$ | Number <br> Multiplication and division B |  |  | Measurement <br> Length <br> and <br> perimeter |  | Number <br> Fractions |  |  |  | Number <br> Decimals A |  |  |
| $\begin{aligned} & \stackrel{\rightharpoonup}{\stackrel{\rightharpoonup}{E}} \\ & \stackrel{E}{ज} \end{aligned}$ |  | als : | Measurement <br> Money |  | Measurement Time |  |  | Geometry <br> Shape |  | $\begin{aligned} & \frac{y}{\#} \\ & \stackrel{\rightharpoonup}{3} \\ & \stackrel{y}{3} \end{aligned}$ | Geometry <br> Position <br> and direction |  |


|  | AUTUMN | SPRING | SUMMER |
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| MATHS | Term 1 <br> Autumn Block 1 - Place Value <br> 1. Represent numbers to 1,000 <br> 2. Partition numbers to 1,000 <br> 3. Number line to 1,000 <br> 4. Thousands <br> 5. Represent numbers to 10,000 <br> 6. Partition numbers to 10,000 <br> 7. Flexible partitioning of numbers to 10,000 <br> 8. Find $1,10,100,1,000$ more or less <br> 9. Number line to 10,000 <br> 10. Estimate on a number line to 10,000 <br> 11. Compare numbers to 10,000 <br> 12. Order numbers to 10,000 <br> 13. Roman numerals <br> 14. Round to the nearest 10 <br> 15. Round to the nearest 100 <br> 16. Round to the nearest 1,000 <br> 17. Round to the nearest 10,100 or 1,000 <br>  <br> Subtraction <br> 1. Add and subtract $1 \mathrm{~s}, 10 \mathrm{~s}, 100$ s and $1,000 \mathrm{~s}$ <br> 2. Add up to two 4-digit numbers - no exchange <br> 3. Add two 4-digit numbers - one exchange <br> 4. Add two 4-digit numbers - more than one exchange <br> 5. Subtract two 4-digit numbers - no exchange <br> 6. Subtract two 4-digit numbers - one exchange <br> 7. Subtract two 4-digit numbers - more than one exchange <br> 8. Efficient subtraction | Term 3 <br> Spring Block 1 - Multiplication and division B <br> 1. Factor pairs <br> 2. Use factor pairs <br> 3. Multiply by 10 <br> 4. Multiply by 100 <br> 5. Divide by 10 <br> 6. Divide by 100 <br> 7. Related facts - multiplication and division <br> 8. Informal written methods for multiplication <br> 9. Multiply a 2-digit number by a 1-digit number <br> 10. Multiply a 3 -digit number by a 1 -digit number <br> 11. Divide a 2-digit number by a 1-digit number <br> 12. Divide a 2 -digit number by a 1 -digit number <br> 13. Divide a 3 -digit number by a 1-digit number <br> 14. Correspondence problems <br> 15. Efficient multiplication <br> Spring Block 2 - Length and perimeter <br> 1. Measure in kilometres and metres <br> 2. Equivalent lengths (kilometres and metres) <br> 3. Perimeter on a grid <br> 4. Perimeter of a rectangle <br> 5. Perimeter of rectilinear shapes <br> 6. Find missing lengths in rectilinear shapes <br> 7. Calculate the perimeter of rectilinear shapes <br> 8. Perimeter of regular polygons <br> 9. Perimeter of polygons <br> Term 4 <br> Spring Block 3 - Fractions <br> 1. Understand the whole <br> 2. Count beyond 1 <br> 3. Partition a mixed number <br> 4. Number lines with mixed numbers <br> 5. Compare and order mixed numbers | Term 5 <br> Summer Block 1 - Decimals B <br> 1. Make a whole with tenths <br> 2. Make a whole with hundredths <br> 3. Partition decimals <br> 4. Flexibly partition decimals <br> 5. Compare decimals <br> 6. Order decimals <br> 7. Round to the nearest whole number <br> 8. Halves and quarters as decimals <br> Summer Block 2 - Money <br> 1. Write money using decimals <br> 2. Convert between pounds and pence <br> 3. Compare amounts of money <br> 4. Estimate with money <br> 5. Calculate with money <br> 6. Solve problems with money <br> Summer Block 3 - Time <br> 1. Years, months, weeks and days <br> 2. Hours, minutes and seconds <br> 3. Convert between analogue and digital times <br> 4. Convert to the 24 hour clock <br> 5. Convert from the 24 hour clock <br> Term 6 <br> Summer Block 4 - Shape <br> 1. Understand angles as turns <br> 2. Identify angles <br> 3. Compare and order angles <br> 4. Triangles <br> 5. Quadrilaterals <br> 6. Polygons <br> 7. Lines of symmetry <br> 8. Complete a symmetric figure |

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|  | 9. Estimate answers <br> 10. Checking strategies <br> Term 2 <br> Autumn Block 3 - Area <br> 1. What is area? <br> 2. Count squares <br> 3. Make shapes <br> 4. Compare areas <br> Autumn Block 4 - Multiplication and division A <br> 1. Multiples of 3 <br> 2. Multiply and divide by 6 <br> 3. 6 times-table and division facts <br> 4. Multiply and divide by 9 <br> 5. 9 times-table and division facts <br> 6. The 3,6 and 9 times-tables <br> 7. Multiply and divide by 7 <br> 8. 7 times-table and division facts <br> 9. 11 times-table and division facts <br> 10. 12 times-table and division facts <br> 11. Multiply by 1 and 0 <br> 12. Divide a number by 1 and itself <br> 13. Multiply three numbers | 6. Understand improper fractions <br> 7. Convert mixed numbers to improper fractions <br> 8. Convert improper fractions to mixed numbers <br> 9. Equivalent fractions on a number line <br> 10. Equivalent fraction families <br> 11. Add two or more fractions <br> 12. Add fractions and mixed numbers <br> 13. Subtract two fractions <br> 14. Subtract from whole amounts <br> 15. Subtract from mixed numbers <br> Spring Block 4 - Decimals A <br> 1. Tenths as fractions <br> 2. Tenths as decimals <br> 3. Tenths on a place value chart <br> 4. Tenths on a number line <br> 5. Divide a 1 -digit number by 10 <br> 6. Divide a 2 -digit number by 10 <br> 7. Hundredths as fractions <br> 8. Hundredths as decimals <br> 9. Hundredths on a place value chart <br> 10. Divide a 1 - or 2 -digit number by 100 | Summer Block 5 - Statistics <br> 1. Interpret charts <br> 2. Comparison, sum and difference <br> 3. Interpret line graphs <br> 4. Draw line graphs <br> Summer Block 6 - Position and direction <br> 1. Describe position using coordinates <br> 2. Plot coordinates <br> 3. Draw 2-D shapes on a grid <br> 4. Translate on a grid <br> 5. Describe translation on a grid |
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| ENGLISH | Term 1 <br> Unit 1 - The Minpins (Roald Dahl) (2 weeks) <br> Unit 2 - TBC <br> Unit 3 - Folk Tales - Aesop's Fables (2 weeks) <br> Term 2 <br> Unit 4 - Whole-school text (3 weeks) | Term 3 <br> Unit 6 - Newspaper Reports - Little Red Riding Hood (2 weeks) <br> Unit 7 - Stories from imaginary worlds The Chronicles of Narnia (C.S. Lewis) (2 weeks) <br> Term 4 <br> Unit 8 - Whole-school text (3 weeks) | Term 5 <br> Unit 10 - Suspense story - Varjak Paw (S.F. <br> Said) (3 weeks) <br> Unit 11 - Topic Linked - Sir Francis Drake's Circumnavigation (3 weeks) <br> Term 6 <br> Unit 12 - Information Texts - The <br> Manchester Ridgeback Dragon (2 weeks) |

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|  | Unit 5 - Nature Poetry - Coming Home (Michael Morpurgo) (3 weeks) | Unit 9 - Stories from other cultures - The Firework Maker's Daughter (Philip Pullman) (2 weeks) | Unit 13 - Dragon Poetry (1 week) <br> Unit 14 - Playscripts - Shakespeare's The Tempest (3 weeks) |
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| READING <br> Daily whole-class and independent reading. <br> Comprehension skills taught fortnightly. <br> Vocabulary will be pretaught for class texts. | Term 1 <br> - The Minpins <br> - TBC <br> - Aesop's Fables <br> - + Class Novel chosen by teacher <br> Term 2 <br> - Whole-school text <br> - Coming Home <br> - + Class Novel chosen by teacher | Term 3 <br> - The Lion, the Witch and the Wardrobe <br> - + Class Novel chosen by teacher <br> Term 4 <br> - Whole-school text <br> - The Firework Maker's Daughter <br> - + Class Novel chosen by teacher | Term 5 <br> - Varjak Paw <br> - + Class Novel chosen by teacher <br> Term 6 <br> - The Tempest <br> - + Class Novel chosen by teacher |
| GRAMMAR AND PUNCTUATION | Term 1 <br> - Recap word classes: nouns, verbs, adjectives, adverbs <br> - Question marks <br> - Inverted commas <br> - Prepositions <br> - Conjunctions <br> - Apostrophes for contraction and possession <br> Term 2 <br> - Commas for a list <br> - Use of ' $s$ ' for possession and plurals <br> - Pronouns <br> - Past and present tense <br> - Adverbials - including comma after fronted adverbials | Term 3 <br> - Recap word classes: prepositions, conjunctions, pronouns <br> - Determiners <br> - Statement/command/question <br> - Plural nouns <br> - Subordinate clauses <br> Term 4 <br> - Exclamation marks <br> - Adverbial phrases <br> - Inverted commas (continuation from Autumn 1) <br> - Commas | Term 5 <br> - Recap word classes: nouns, verbs, adjectives, adverbs, prepositions, conjunctions, pronouns, determiners <br> - Root words <br> - Types of conjunction <br> - Tenses (continuation from Autumn 2) <br> Term 6 <br> - Commas (continuation from Spring 2) <br> - Adverbs - adding description to adjectives, other adverbs and the whole clause as well as to verbs <br> - Any other areas needed |

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| SPELLING <br> One weekly spelling lesson teaching spelling rules, to ensure full coverage of the National Curriculum. | Terms 1 \& 2 <br> Weekly spelling lessons to include: <br> 1. Words with the letter string 'sure' <br> 2. Possessive apostrophe for singular proper nouns <br> 3. Homophones - several lessons <br> 4. Prefixes in, il, im, ir <br> 5. Long vowel 'a' spelt: ei, eigh, ey <br> 6. ch sounding sh | Terms 3 \& 4 <br> Weekly spelling lessons to include: <br> 7. Short vowel ' $u$ ' sound spelt ou, oo, oe <br> 8. Suffixes ing, er, en, ed <br> 9. 'g' spelt gu <br> 10. 'ture' <br> 11. Possessive apostrophe for plurals <br> 12. Possessive apostrophe for irregular plural words <br> 13. Revision of apostrophes <br> 14. Prefixes 'inter' and 'anti' | Terms 5 \& 6 <br> Weekly spelling lessons to include: <br> 15. Revision of prefixes: 'un-', 'dis-', 'in-', 're-', 'sub-', 'inter-', 'super-', 'anti-', 'auto-' <br> 16. Endings that sound like//an/ spelt '-cian', 'sion', '-tion' and '-ssion' <br> 17. ' $s$ ' spelt 'sc' <br> 18. 'ous' suffix <br> 19. Suffix 'ly' words ending $y$, le and ic <br> 20. Recap/revisit/any areas of need |
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|  | Term 1: Weekly Spelling Tests <br> To include 10 words which include that week's spelling rule from class as well as words from the statutory list: <br> - answer <br> - believe <br> - certain <br> - continue <br> - experiment <br> - imagine <br> - natural <br> - position <br> - recent <br> - surprise <br> Term 2: Weekly Spelling Tests <br> To include 10 words which include that week's spelling rule from class as well as words from the statutory list: <br> - accident(ally) <br> - caught <br> - consider <br> - describe | Term 3: Weekly Spelling Tests <br> To include 10 words which include that week's spelling rule from class as well as words from the statutory list: <br> - address <br> - centre <br> - disappear <br> - exercise <br> - favourite <br> - increase <br> - island <br> - minute <br> - possess <br> - strength <br> Term 4: Weekly Spelling Tests <br> To include 10 words which include that week's spelling rule from class as well as words from the statutory list: <br> - bicycle <br> - eight <br> - guard <br> - material | Term 5: Weekly Spelling Tests <br> To include 10 words which include that week's spelling rule from class as well as words from the statutory list: <br> - recommend <br> - relevant <br> - restaurant <br> - rhyme <br> - rhythm <br> - secretary <br> - shoulder <br> - signature <br> - sincere <br> - soldier <br> Term 6: Weekly Spelling Tests <br> To include 10 words which include that week's spelling rule from class as well as words from the statutory list: <br> - stomach <br> - suggest <br> - symbol <br> - system |

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|  | - enough <br> - guide <br> - interest <br> - library <br> - peculiar <br> - separate | - occasion <br> - purpose <br> - quarter <br> - question <br> - straight <br> - although | - temperature <br> - thorough <br> - twelfth <br> - vegetable |
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| HANDWRITING PROGRESSION | Pencil grip and posture <br> The anticlockwise letters: <br> The tall letters: $b, d$, <br> The long letters: $f, g$, <br> The lumpy letters: $h$, <br> The vowels: $a, \ell, i$, <br> The other letters: $\mathcal{N}, \mathcal{N}$ <br> The capital letters: $A-Z$ | $: a, c, d, g, f, q$ <br> $f, h, k, l, t$ <br> $j, p, q, y$ <br> , $n, x$ <br> $\sigma, \mu$ <br> , $x, z$ |  |
| SCIENCE <br> Kapow Music Scheme | Term 1: <br> Animals: Digestion and food <br> Term 2: <br> Energy: Electricity and circuits | Term 3: <br> Materials: States of Matter <br> Term 4: <br> Energy: sound and vibrations | Term 5: <br> Living things: Classification and changing habitats <br> Term 6: <br> Making connections |
| COMPUTING | Terms 1 \& 2: Coding <br> Course C from https://studio.code.org/s/express Students develop their understanding of algorithms, nested loops, conditionals and events. Beyond coding, students learn about digital citizenship. | Term 3: Touch Typing <br> Learn and practise using Typing Jungle (www.typingclub.com). <br> Term 4: Presentation (PowerPoint) <br> Explore creating and inserting slides, themes, pictures, animations and transitions. | Term 5: Branching Databases <br> Create and evaluate branching databases, and use them to sort groups of objects by using yes/no questions. <br> Term 6: Editing Media <br> Editing images using Paint.net. |
| HISTORY | The Norman Conquest <br> 1. I can sequence key events in history <br> 2. I can sequence key events in Norman history <br> 3. I can use evidence to form an opinion |  | Tudors <br> 1. I can sequence key events in history <br> 2. I can sequence key events in Tudor history <br> 3. I can explain the events leading up to the Battle of Bosworth |

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|  | 4. I can explain events from the Battle of Stamford Bridge <br> 5. I can re-enact events from the Battle of Hastings <br> 6. I can form an opinion based on historical evidence <br> 7. I can evaluate different sources <br> 8. I can interpret the Bayeux Tapestry <br> 9. I can explain the impact of William's rule <br> 10. I can investigate the purpose of the Domesday book <br> 11. I can describe Norman castles <br> 12. I can explain the legacy of the Norman Era |  | 4. I can use sources to describe Henry VIII <br> 5. I can use a family tree to discuss Henry VIII's wives <br> 6. I can compare the lives of rich and poor Tudors <br> 7. I can explain Henry VIII's legacy in England <br> 8. I can use historical sources to form an opinion <br> 9. I can use historical sources to form an opinion <br> 10. I can explain how England changed during the rule of Elizabeth I <br> 11. I can explain the legacy of the Tudor Era |
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| GEOGRAPHY |  | Mountains <br> 1. I can explain how mountains are formed <br> 2. I can identify the key features of mountains <br> 3. I can use the index of an atlas to locate places <br> 4. I can locate mountain ranges around the world <br> 5. I can describe significant UK mountains <br> 6. I can explain the effect of tourism on mountain ranges <br> 7. I can compare mountainous environments <br> 8. I can recognise and use an 8-point compass |  |
| PE | Term 1: Swimming Term 2: Gymnastics | Term 3: Street Dance Term 4: Indoor Athletics | Term 5: Indoor Athletics/Swimming Term 6: Swimming |
| GAMES | Term 1: Hockey and Football Term 2: Handball | Term 3: Football/Rugby/Netball Term 4: Football/Rugby/Netball | Term 5: Rugby <br> Term 6: Athletics/Hockey/Summer Sports |
| ART | Term 1: Drawing Skills <br> 1. I can use pencil sketching techniques <br> 2. I can apply sketching techniques to draw realistically <br> 3. I can use sketching techniques for observational drawing <br> 4. I can use a different medium for observational drawing <br> 5. I can explore bird's-eye view perspective <br> 6. I can use a vanishing point to add detail <br> 7. I can create a city-scape using | Term 3: Hokusai <br> 1. I can analyse different Hokusai prints <br> 2. I can practise drawing in the style of Hokusai <br> 3. I can design a tile print in the style of Hokusai <br> 4. I can create a printing tile <br> 5. I can create artwork using printing tiles <br> 6. I can evaluate my artwork | Term 5: Tudor Portraits <br> 1. I can draw different features of a portrait <br> 2. I can recreate a Tudor portrait <br> 3. I can experiment with different mediums <br> 4. I can experiment with different mediums <br> 5. I can create a Tudor portrait <br> 6. I can create a Tudor portrait <br> 7. I can create a 3D frame <br> 8. I can evaluate my artwork |

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|  | perspective <br> 8. I can evaluate my artwork <br> Term 2: Norman Shields <br> 1. I can explore Norman Shields shown in the Bayeux Tapestry <br> 2. I can design a Norman shield <br> 3. I can make a clay shield <br> 4. I can paint a clay shield <br> 5. I can evaluate my artwork |  |  |
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| DT | Sewing Tree Decorations | Narnia Lamps (link to Electricity in Science) | Baking Muffins |
| RE | Term 1: Christianity, Judaism <br> What can we learn from religions about deciding what is right and wrong? <br> Term 2: Christianity, Hinduism, Islam, <br> Judaism <br> Why are festivals important to religious communities? | Term 3 \& 4: Christianity, Hinduism, <br> Judaism <br> Why do some people think that life is a journey and what significant experiences mark this? | Term 5: Hinduism <br> What does it mean to be a Hindu in Britain today? <br> Terms 6: Christianity <br> Why is Jesus inspiring to some people? |
| MFL | Term 1 <br> All about me, Games and songs, Celebrations <br> Term 2 <br> Portraits | Term 3 <br> The four friends, Growing things! <br> Term 4 <br> All aboard, Pocket money | Term 5 <br> Pocket money, Tell me a story <br> Term 6 <br> Our sporting lives, The Carnival of the Animals |
| MUSIC <br> Kapow Music Scheme | Term 1 <br> Body percussion and tuned percussion (Rainforests) <br> Term 2 <br> Glockenspiel Stage 2 Rock and roll | Term 3 <br> Changes in pitch, tempo and dynamics (Rivers) <br> Term 4 <br> Haiku music and performance (Hanami) | Term 5 <br> Samba and carnival sounds and instruments (South America) <br> Term 6 <br> Adapting and transposing motifs (Romans) |
| PSHE | Term 1 - Trust <br> We will act responsibly and honestly to | Term 3 - Determination <br> We will work hard to do our best even when | Term 5 - Fairness <br> We will treat everyone as our equal(s) at |

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|  | earn the trust of each other at Amherst School. <br> The environment <br> Internet safety <br> Personal survival <br> Leadership <br> Term 2 - Kindness <br> We will treat everybody and everything with care and respect at Amherst School. <br> Family Units <br> Anti-bullying <br> Peer pressure <br> Bereavement <br> Friendship | things are difficult. <br> Term 4 - Politeness | Amherst School. <br> Rights and responsibilities <br> Valuing diversity <br> Term 6-Co-operation <br> We will all work together to include each other as a team at Amherst School. <br> Community <br> Teamwork |
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| PROVISIONAL TRIPS / VISITORS | Autumn 1 <br> Autumn 2 <br> Battle Abbey <br> Stag Theatre Pantomime | Spring 1 <br> Science Show (tbc) <br> Spring 2 | Summer 2 <br> Hampton Court |

