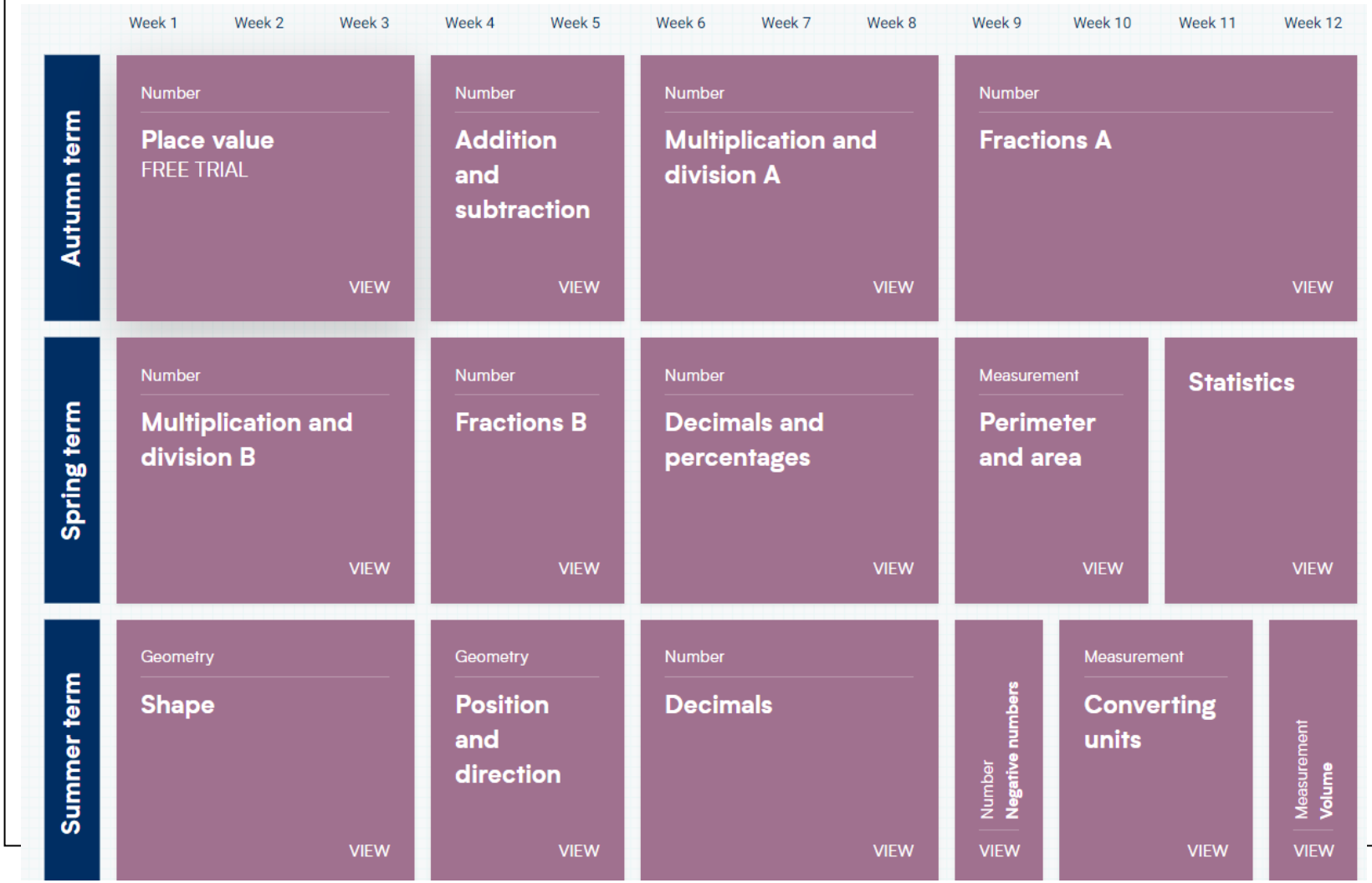
Year Group 5

Amherst School

CURRICULUM OVERVIEW – LONG TERM PLANNING (2025/2026)

MATHS OVERVIEW



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	AUTUMN Term 1 / Term 2	SPRING Term 3 / Term 4	SUMMER Term 5 / Term 6
MATHS OBJECTIVES	**Number – number & place value** • Roman numerals to 1,000 • Numbers to 10,000 • Numbers to 100,000 • Numbers to 1,000,000 • Read and write numbers to 1,000,000 • Powers of 10 • 10/100/1,000/10,000/100,000 more or less • Partition numbers to 1,000,000 • Number line to 1,000,000 • Compare and order numbers to 100,000 • Compare and order numbers to 1,000,000 • Round to the nearest 10, 100 or 1,000 • Round within 100,000 • Round within 1,000,000 **Number – addition & subtraction** • Mental strategies • Add whole numbers with more	**Number – multiplication & division continued** • Multiply up to a 4-digit number by a 1-digit number • Multiply a 2-digit number by a 2-digit number (area model) • Multiply a 2-digit number by a 2-digit number • Multiply a 3-digit number by a 2-digit number • Multiply a 4-digit number by a 2-digit number • Solve problems with multiplication • Short division • Divide a 4-digit number by a 1-digit number • Divide with remainders • Efficient division • Solve problems with multiplication and division **Number – fractions continued** • Multiply a unit fraction by an integer • Multiply a non-unit fraction by an integer	**Geometry – Shape** • Understand and use degrees • Classify angles • Estimate angles • Measure angles up to 180° • Draw lines and angles accurately • Calculate angles around a point • Calculate angles on a straight line • Lengths and angles in shapes • Regular and irregular polygons • 3-D shapes **Geometry – position and direction** • Read and plot coordinates • Problem solving with coordinates • Translation • Translation with coordinates • Lines of symmetry • Reflection in horizontal and vertical lines **Number - decimals** • Use known facts to add and subtract decimals within 1

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	than four digits • Subtract whole numbers with more than four digits • Round to check answers • Inverse operations (addition and subtraction) • Multi-step addition and subtraction problems • Compare calculations • Find missing numbers. **Number – multiplication & division** • Multiples • Common multiples • Factors • Common factors • Prime numbers • Square numbers • Cube numbers • Multiply by 10, 100 and 1,000 • Divide by 10, 100 and 1,000 • Multiples of 10, 100 and 1,000 **Number – Fractions** • Find fractions equivalent to a unit fraction • Find fractions equivalent to a	• Multiply a mixed number by an integer • Calculate a fraction of a quantity • Fraction of an amount • Find the whole • Use fractions as operators **Number- decimals and percentages** • Decimals up to 2 decimal places • Equivalent fractions and decimals (tenths) • Equivalent fractions and decimals (hundredths) • Equivalent fractions and decimals • Thousandths as fractions • Thousandths as decimals • Thousandths on a place value chart • Order and compare decimals (same number of decimal places) • Order and compare any decimals with up to 3 decimal places • Round to the nearest whole number • Round to 1 decimal place • Understand percentages • Percentages as fractions • Percentages as decimals • Equivalent fractions, decimals and	• Complements to 1 • Add and subtract decimals across 1 • Add decimals with the same number of decimal places • Subtract decimals with the same number of decimal places • Add decimals with different numbers of decimal places • Subtract decimals with different numbers of decimal places • Efficient strategies for adding and subtracting decimals Decimal sequences • Multiply by 10, 100 and 1,000 • Divide by 10, 100 and 1,000 • Multiply and divide decimals – missing values **Number – negative numbers** • Understand negative numbers • Count through zero in 1s • Count through zero in multiples • Compare and order negative numbers • Find the difference **Measurement – converting units** • Kilograms and kilometres • Millimetres and millilitres

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	non-unit fraction • Recognise equivalent fractions • Convert improper fractions to mixed numbers • Convert mixed numbers to improper fractions • Compare fractions less than 1 • Order fractions less than 1 • Compare and order fractions greater than 1 • Add and subtract fractions with the same denominator • Add fractions within 1 • Add fractions with total greater than 1 • Add to a mixed number • Add two mixed numbers • Subtract fractions • Subtract from a mixed number • Subtract from a mixed number – breaking the whole • Subtract two mixed numbers	percentages **Measurement- perimeter and area** • Perimeter of rectangles • Perimeter of rectilinear shapes • Perimeter of polygons • Area of rectangles • Area of compound shapes • Estimate area **Statistics** • Draw line graphs • Read and interpret line graphs • Read and interpret tables • Two-way tables • Read and interpret timetables	• Convert units of length • Convert between metric and imperial units • Convert units of time • Calculate with timetables **Measurement – volume** • Cubic centimetres • Compare volume • Estimate volume • Estimate capacity **Other topics touched upon in preparation for Year 6 outside of Year 5 National Curriculum:** • Volume • Ratio and proportion • Algebra • Mean, mode, median, range • Circles • Probability

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ENGLISH	**Term 1** **Unit 1** – Topic Linked – *Street Child* (Berlie Doherty) **Term 2** **Unit 2** – Whole-school text **Unit 3** – Topic Linked – Newspapers and non-chronological reports	**Term 3** **Unit 4** – Topic Linked – Suspense story – *The Explorer* (Katherine Rundell) **Term 4** **Unit 5** – Whole-school text **Unit 6** – Balanced argument - deforestation **Unit 7** – Poetry – *The Highway Man* (Alfred Noyes)	**Term 5** **Unit 8** – Stories from other cultures – *Holes* **Term 6** **Unit 9** – Topic Linked – Greek Mythical Beast descriptions **Unit 10** – Stories from other cultures – *The Boy at the Back of the Class* (Onjali Rauf)
READING Daily whole-class and independent reading. Comprehension skills taught through guided reading sessions and standalone English lessons.	**Term 1** • Street Child • Guided reading texts **Term 2** • Street Child (continued) • Whole-school text • Information texts on The Victorians • Guided reading texts	**Term 3** • The Explorer • Guided reading texts **Term 4** • The Explorer (continued) • Whole-school text • The Highway Man • Guided reading texts	**Term 5** • Holes • Greek myths and legends • Guided reading texts **Term 6** • The Boy at the Back of the Class • Greek myths and legends and plays • Guided reading texts

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GRAMMAR AND PUNCTUATION	**Term 1** • Recap word classes: nouns, verbs, adjectives, adverbs, prepositions, determiners, conjunctions, adverbials, pronouns (including relative pronouns) • Inverted commas • Clauses: main, subordinate and relative • Phrases and clauses **Term 2** • Recap word classes: nouns, verbs, adjectives, adverbs, prepositions, determiners, conjunctions, adverbials, pronouns (including relative pronouns) • Cohesive devices • Apostrophes • Modal verbs	**Term 3** • Recap word classes: nouns, verbs, adjectives, adverbs, prepositions, determiners, conjunctions, adverbials, pronouns (including relative pronouns) • Colons • Semi-colons • Cohesive devices **Term 4** • Recap word classes: nouns, verbs, adjectives, adverbs, prepositions, determiners, conjunctions, adverbials, pronouns (including relative pronouns) • Different tenses (simple past and present, progressive past, present and future, and perfect present) • Adverbs which indicate a degree of possibility • Advanced use of commas	**Term 5** • Recap word classes: nouns, verbs, adjectives, adverbs, prepositions, determiners, conjunctions, adverbials, pronouns (including relative pronouns) • Brackets, dashes and commas for parenthesis • Expanded noun phrases • Synonyms and antonyms **Term 6** • Recap word classes: nouns, verbs, adjectives, adverbs, prepositions, determiners, conjunctions, adverbials, pronouns (including relative pronouns) • Recap: identify parts of a sentence • Different types of sentences (statements, commands, questions and exclamations)

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SPELLING	**Term 1 and 2** Weekly spelling lessons to include: • Revise spellings from previous years • Words with the letter string 'ough' • Words with 'silent' letters • Words ending in '-able' and '-ible' • Homophones • Plurals • Apostrophes • Using a dictionary to support learning • A selection of Year 5 statutory words	**Term 3 and 4** • Prefixes and suffixes • Use of the hyphen • Words ending in '-ably' and '-ibly' • Using a dictionary to support learning • A selection of Year 5 statutory words • Turning nouns and adjectives into verbs • Suffix -tion, -s/ssion, -cian • Words ending in '-ably' and '-ibly'	**Term 5 and 6** • Building words from root words • Words with the /i:/sound spelt 'ei' (usually after 'c' – for example, *ceiling*) • Rare GPCs • Problem suffixes • Using a dictionary to support learning • A selection of Year 5 statutory words
SCIENCE	**Earth and Space** **Properties of Materials**	**Changes of Materials** **Living Things and Their Habitat**	**Animals including Humans** **Forces**
COMPUTING	**Computing Systems and Networks** Systems and searching **Internet Safety**	**Data and Information** Spreadsheets **Programming using Scratch** Selection in quizzes	**Creating Media** Vector drawings **Creating Media** Video production

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	PowerPoint Use of PowerPoint		
HISTORY	Victorian Britain		Ancient Greece
GEOGRAPHY	The British Empire map work	The Rainforest	Greece Today European Map Skills
PE	Dance Gymnastics	Indoor Athletics	Swimming
GAMES	Hockey Tag rugby	Handball Netball	Tennis Rounders
ART	Sketching Printing (William Morris)	Oil Pastels Collage (rainforest)	Greek pot designs 2D Clay mythical beasts with clay Clay pots 3D
DT	Victorian samplers	CAMS	Bread making
RE	**Term 1 and 2** Green religion. What do religious and nonreligious worldviews teach about caring for the Earth? Why do some people think God exists?	**Term 3 and 4** What does it mean to be a Muslim in Britain today?	**Term 5 and 6** If God is everywhere why go to a place of worship? What Would Jesus Do? Can we live by the values of Jesus in the 21st Century?
MFL	**Term 1 and 2** Phonics and Seasons	**Term 3 and 4** Ice creams	**Term 5 and 6** Presenting myself

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MUSIC	Singing/ choir / cross curricular activities **Kapow Music Scheme** **Term 1:** Composition notation **Term 2:** Blues **Term 3:** South and West Africa **Term 4:** Composition to represent the festival of colour **Term 5:** Looping and remixing **Term 6:** Musical theatre		
PSHE	Trust and Kindness Internet safety Anti-bullying week On-going PSHE issues raised in class	Determination and Politeness Year 3 buddies On-going PSHE issues raised in class	Fairness and Co-operation Transition 5 to 6 Year 3 buddies On-going PSHE issues raised in class RSE
PROVISIONAL TRIPS / VISITORS	Victorian Day at school Science visit (Earth and Space)	Rainforest animal visitor Visit Riverhead buddies	Greek day Greek theatre show at school Work with buddies