Year 1 Autumn term

Place Value	Addition and subtraction	Geometry
• Step 1 Sort objects • Step 2 Count objects • Step 3 Count objects from a larger group • Step 4 Represent objects • Step 5 Recognise numbers as words • Step 6 Count on from any number • Step 7 1 more • Step 8 Count backwards within 10 Small steps • Step 9 1 less • Step 10 Compare groups by matching • Step 11 Fewer, more, same • Step 12 Less than, greater than, equal to • Step 13 Compare numbers • Step 14 Order objects and numbers • Step 15 The number line	• Step 1 Introduce parts and wholes • Step 2 Part-whole model • Step 3 Write number sentences • Step 4 Fact families - addition facts • Step 5 Number bonds within 10 • Step 6 Systematic number bonds within 10 • Step 7 Number bonds to 10 • Step 8 Addition - add together • Step 9 Addition - add more • Step 10 Addition problems • Step 11 Find a part • Step 12 Subtraction - find a part • Step 13 Fact families - the eight facts • Step 14 Subtraction - take away/cross out (How many left?) • Step 15 Take away (How many left?) • Step 16 Subtraction on a number line	• Step 1 Recognise and name 3-D shapes • Step 2 Sort 3-D shapes • Step 3 Recognise and name 2-D shapes • Step 4 Sort 2-D shapes • Step 5 Patterns with 2-D and 3-D shapes

Year 2 Autumn term

Place value	Addition and subtraction	Geometry
• Step 1 Numbers to 20 • Step 2 Count objects to 100 by making 10s • Step 3 Recognise tens and ones • Step 4 Use a place value chart • Step 5 Partition numbers to 100 • Step 6 Write numbers to 100 in words • Step 7 Flexibly partition numbers to 100 • Step 8 Write numbers to 100 in expanded form • Step 9 10s on the number line to 100 • Step 10 10s and 1s on the number line to 100 • Step 11 Estimate numbers on a number line • Step 12 Compare objects • Step 13 Compare numbers • Step 14 Order objects and numbers • Step 15 Count in 2s, 5s and 10s • Step 16 Count in 3s	• Step 1 Bonds to 10 • Step 2 Fact families - addition and subtraction bonds within 20 • Step 3 Related facts • Step 4 Bonds to 100 (tens) • Step 5 Add and subtract 1s • Step 6 Add by making 10 • Step 7 Add three 1-digit numbers • Step 8 Add to the next 10 • Step 9 Add across a 10 • Step 10 Subtract across 10 • Step 11 Subtract from a 10 • Step 12 Subtract a 1-digit number from a 2-digit number (across a 10) • Step 13 10 more, 10 less • Step 14 Add and subtract 10s • Step 15 Add two 2-digit numbers (not across a 10) • Step 16 Add two 2-digit numbers (across a 10 • Step 17 Subtract two 2-digit numbers (not across a 10) • Step 18 Subtract two 2-digit numbers (across a 10) • Step 19 Mixed addition and subtraction • Step 20 Compare number sentences • Step 21 Missing number problems	• Step 1 Recognise 2-D and 3-D shapes • Step 2 Count sides on 2-D shapes • Step 3 Count vertices on 2-D shapes • Step 4 Draw 2-D shapes • Step 5 Lines of symmetry on shapes • Step 6 Use lines of symmetry to complete shapes • Step 7 Sort 2-D shapes • Step 8 Count faces on 3-D shapes • Step 9 Count edges on 3-D shapes • Step 10 Count vertices on 3-D shapes • Step 11 Sort 3-D shapes • Step 12 Make patterns with 2-D and 3-D shapes

Year 3 Autumn term

Place value	Addition and subtraction	Multiplication and division
• Step 1 Represent numbers to 100 • Step 2 Partition numbers to 100 • Step 3 Number line to 100 • Step 4 Hundreds • Step 5 Represent numbers to 1,000 • Step 6 Partition numbers to 1,000 • Step 7 Flexible partitioning of numbers to 1,000 • Step 8 Hundreds, tens and ones • Step 9 Find 1, 10 or 100 more or less • Step 10 Number line to 1,000 • Step 11 Estimate on a number line to 1,000 • Step 12 Compare numbers to 1,000 • Step 13 Order numbers to 1,000 • Step 14 Count in 50s	• Step 1 Apply number bonds within 10 • Step 2 Add and subtract 1s • Step 3 Add and subtract 10s • Step 4 Add and subtract 100s • Step 5 Spot the pattern • Step 6 Add 1s across a 10 • Step 7 Add 10s across a 100 • Step 8 Subtract 1s across a 10 • Step 9 Subtract 10s across a 100 • Step 10 Make connections • Step 11 Add two numbers (no exchange) • Step 12 Subtract two numbers (no exchange) • Step 13 Add two numbers (across a 10) • Step 14 Add two numbers (across a 100) • Step 15 Subtract two numbers (across a 10) • Step 16 Subtract two numbers (across a 100) • Step 17 Add 2-digit and 3-digit numbers • Step 18 Subtract a 2-digit number from a 3-digit number • Step 19 Complements to 100 • Step 20 Estimate answers • Step 21 Inverse operations • Step 22 Make decisions	• Step 1 Multiplication - equal groups • Step 2 Use arrays • Step 3 Multiples of 2 • Step 4 Multiples of 5 and 10 • Step 5 Sharing and grouping • Step 6 Multiply by 3 • Step 7 Divide by 3 • Step 8 The 3 times-table • Step 9 Multiply by 4 • Step 10 Divide by 4 • Step 11 The 4 times-table • Step 12 Multiply by 8 • Step 13 Divide by 8 • Step 14 The 8 times-table • Step 15 The 2, 4 and 8 times-tables

Year 4 Autumn term

Place Value	Addition and subtraction	Area	Multiplication and division
• Step 1 Represent numbers to 1,000 • Step 2 Partition numbers to 1,000 • Step 3 Number line to 1,000 • Step 4 Thousands • Step 5 Represent numbers to 10,000 • Step 6 Partition numbers to 10,000 • Step 7 Flexible partitioning of numbers to 10,000 • Step 8 Find 1, 10, 100, 1,000 more or less • Step 9 Number line to 10,000 • Step 10 Estimate on a number line to 10,000 • Step 11 Compare numbers to 10,000 • Step 12 Order numbers to 10,000 • Step 13 Roman numerals • Step 14 Round to the nearest 10 • Step 15 Round to the nearest 100 • Step 16 Round to the nearest 1,000 • Step 17 Round to the nearest 10, 100 or thousand	• Step 1 Add and subtract 1s, 10s, 100s and 1,000s • Step 2 Add up to two 4-digit numbers - no exchange • Step 3 Add two 4-digit numbers - one exchange • Step 4 Add two 4-digit numbers - more than one exchange • Step 5 Subtract two 4-digit numbers - no exchange • Step 6 Subtract two 4-digit numbers - one exchange • Step 7 Subtract two 4-digit numbers - more than one exchange • Step 8 Efficient subtraction • Step 9 Estimate answers • Step 10 Checking strategies	• Step 1 What is area? • Step 2 Count squares • Step 3 Make shapes • Step 4 Compare areas	• Step 1 Multiples of 3 • Step 2 Multiply and divide by 6 • Step 3 6 times-table and division facts • Step 4 Multiply and divide by 9 • Step 5 9 times-table and division facts • Step 6 The 3, 6 and 9 times-tables • Step 7 Multiply and divide by 7 • Step 8 7 times-table and division facts • Step 9 11 times-table and division facts • Step 10 12 times-table and division facts • Step 11 Multiply by 1 and 0 • Step 12 Divide a number by 1 and itself • Step 13 Multiply three number

Year 5 Autumn term

Place Value	Addition and subtraction	Multiplication and division	Fractions A
• Step 1 Roman numerals to 1,000 • Step 2 Numbers to 10,000 • Step 3 Numbers to 100,000 • Step 4 Numbers to 1,000,000 • Step 5 Read and write numbers to 1,000,000 • Step 6 Powers of 10 • Step 7 10/100/1,000/10,000/100,000 more or less • Step 8 Partition numbers to 1,000,000 • Step 9 Number line to 1,000,000 • Step 10 Compare and order numbers to 100,000 • Step 11 Compare and order numbers to 1,000,000 • Step 12 Round to the nearest 10, 100 or 1,000 • Step 13 Round within 100,000 • Step 14 Round within 1,000,000	• Step 1 Mental strategies • Step 2 Add whole numbers with more than four digits • Step 3 Subtract whole numbers with more than four digits • Step 4 Round to check answers • Step 5 Inverse operations (addition and subtraction) • Step 6 Multi-step addition and subtraction problems • Step 7 Compare calculations • Step 8 Find missing numbers	• Step 1 Multiples • Step 2 Common multiples • Step 3 Factors • Step 4 Common factors • Step 5 Prime numbers • Step 6 Square numbers • Step 7 Cube numbers • Step 8 Multiply by 10, 100 and 1,000 • Step 9 Divide by 10, 100 and 1,000 • Step 10 Multiples of 10, 100 and 1,000	• Step 1 Find fractions equivalent to a unit fraction • Step 2 Find fractions equivalent to a non-unit fraction • Step 3 Recognise equivalent fractions • Step 4 Convert improper fractions to mixed numbers • Step 5 Convert mixed numbers to improper fractions • Step 6 Compare fractions less than 1 • Step 7 Order fractions less than 1 • Step 8 Compare and order fractions greater than 1 • Step 9 Add and subtract fractions with the same denominator • Step 10 Add fractions within 1 • Step 11 Add fractions with total greater than 1 • Step 12 Add to a mixed number • Step 13 Add two mixed numbers • Step 14 Subtract fractions • Step 15 Subtract from a mixed number • Step 16 Subtract from a mixed number - breaking the whole

Year 6 Autumn term

Place Value	Addition and subtraction	Multiplication and division	Fractions
• Step 1 Read and write numbers to 1,000,000 • Step 2 Compare using < or > • Step 3 Compare and order numbers • Step 4 Identify the value of each digit within a 7-digit number. • Step 5 Round to the nearest 10, 100 or 1,000 • Step 6 Round to the nearest 10,000, 100,000 or 1,000,000 • Step 7 Round decimal numbers to the nearest integer. • Step 8 Round decimals to the nearest integer or tenth. • Step 9 Round decimals to the nearest hundredth • Step 10 Powers of 10 x and ÷ by 10 x and ÷ by 100 x and ÷ by 1000 Missing digit calculations	• Step 1 Add using the column method • Step 2 Add decimal numbers • Step 3 Solve missing digit addition calculations • Step 4 Subtract using the column method • Step 5 Subtract decimals • Step 6 Subtract decimals from wholes	• Step 1 Use short written method for x • Step 2 Use long written for x up to 4-digit by 2-digit • Step 3 Short written method for division • Step 4 Short written method for division with remainders • Step 5 Short written method for division with decimal remainders • Step 6 Divide by a 2-digit number (11 and 12) • Step 7 Divide by a 2-digit number • Step 8 Identify factors of any number • Step 9 Identify common factors • Step 10 Identify HCFs • Step 11 Identify multiples • Step 12 Find common multiples • Step 13 Identify lowest common multiples • Step 14 Divisibility rules • Step 15 Identify prime and composite numbers • Step 16 Squared and cubed numbers • Step 17 Order of operations	• Step 1 Change mixed numbers to improper fractions • Step 2 Change improper fractions to mixed numbers • Step 3 Identify equivalent fractions • Step 4 Simplify fractions by finding the HCF • Step 5 Compare fractions • Step 6 Order fractions • Step 7 + and - fractions where one denominator is a factor of the other • Step 8 + and - fractions where both denominators need to change • Step 9 + and -mixed numbers • Step 10 Multiply fractions by integers • Step 11 Multiply fractions by fractions • Step 12 Divide a fraction by an integer • Step 13 Find a fraction of an amount • Step 14 Find a fraction of an amount - find the whole