SMQoM

Maths Curriculum LTP

Year 1

	WEEKS												
	1	2	3	4	5	6	7	8	9	10	11	12	13
AUTUMN	Basic maths skills	1 Counting, recognising and comparing numbers 0 – 10	1 Counting, recognising and comparing numbers 0 – 10	2 Counting to and from 20	2 Counting to and from 20	3 Counting in tens – decade numbers	consolidation	4 Pattern in counting from 20 to 100	4 Pattern in counting from 20 to 100	5 Comparing quantities – part–part–whole relationships	5 Comparing quantities – part–part–whole relationships	5 Comparing quantities – part–part–whole relationships	Testing/consolidation
SPRING	Basic maths skills	6 Composition of numbers 0 to 5	6 Composition of numbers 0 to 5	7 Recognise, compose, decompose & manipulate 2D/3D shapes	7 Recognise, compose, decompose & manipulate 2D/3D shapes	7 Recognise, compose, decompose & manipulate 2D/3D shapes	consolidation	8 Composition of numbers 6 to 10	8 Composition of numbers 6 to 10	8 Composition of numbers 6 to 10	9 Additive structures: addition	9 Additive structures: addition	Testing/consolidati
SUMMER	Basic maths skills	9 Additive structures: addition	10 Additive structures: addition and subtraction	11 Addition and subtraction facts within 10	12 Composition of numbers 11 to 19	12 Composition of numbers 11 to 19	consolidation	12 Composition of numbers 11 to 19	13 Numbers 0 to 20 in different contexts	16 Solving problems in various contexts	18 Time – sequencing events and telling the time to the hour and half hour	18 Time – sequencing events and telling the time to the hour and half hour	Testing/consolidation

YEAR 2

	WEEKS												
	1	2	3	4	5	6	7	8	9	10	11	12	13
AUTUMN	Basic maths skills	1 Composition of multiples of 10 – explore grouping tens and place value	1 Composition of multiples of 10 – explore grouping tens and place value	2 Counting and representing the numbers 20 to 99 – plotting on number lines	2 Counting and representing the numbers 20 to 99 – plotting on number lines	3 Comparing, ordering & partitioning 2-digit numbers – reasoning focus	consolidation	3 Comparing, ordering & partitioning 2-digit numbers – reasoning focus	4 Secure fluency of addition and subtraction facts within 10 – fluency building	5 Calculating within 20 – mixed addition/subtraction strategies	5 Calculating within 20 – mixed addition/subtraction strategies	5 Calculating within 20 – mixed addition/subtraction strategies	Testing/consolidation
SPRING	Basic maths skills	6 Adding/subtracting ones & tens to/from 2-digit numbers – bridging and regrouping	6 Adding/subtracting ones & tens to/from 2-digit numbers – bridging and regrouping	6 Adding/subtracting ones & tens to/from 2-digit numbers – bridging and regrouping	7 Grouping objects and relating to multiplication – introduction of arrays	8 Representing counting in 2s, 5s & 10s (times tables) – foundational fluency	consolidation	9 Representing counting in 5s & linking with 10s – further table fluency	10 Multiplying by 2, doubling & halving – develop factors/products understanding	11 Introduction to division structures – grouping and sharing basics	11 Introduction to division structures – grouping and sharing basics	12 Shape: discuss and compare 2D & 3D shapes – properties and vocabulary	Testing/consolidation
SUMMER	Basic maths skills	12 Shape: discuss and compare 2D & 3D shapes – properties and vocabulary	13 Addition & subtraction of two 2-digit numbers – formal written methods	13 Addition & subtraction of two 2-digit numbers – formal written methods	15 Fractions: halves, thirds & quarters – simple fraction recognition	18 Doubling, halving, quotative & partitive division – deeper multiplicative understanding	consolidation	18 Doubling, halving, quotative & partitive division – deeper multiplicative understanding	19 Sense of measure – capacity, volume & mass – estimations and comparisons	19 Sense of measure – capacity, volume & mass – estimations and comparisons	16 Time: write & tell time to five minutes – analog and digital clock work	16 Time: write & tell time to five minutes – analog and digital clock work	Testing/consolidation

YEAR 3

	WEEKS												
	1	2	3	4	5	6	7	8	9	10	11	12	13
AUTUMN	Basica maths skills	1 Review strategies for adding and subtracting across 10	1 Review strategies for adding and subtracting across 10	2 Securing place value to 100 and applying to addition and subtraction	2 Securing place value to 100 and applying to addition and subtraction	3 Bridging 100: counting on and back in 10s, adding/subtracting multiples of 10	consolidation	5 Representing 3-digit numbers, comparing and positioning on number lines	5 Representing 3-digit numbers, comparing and positioning on number lines	6 Measures: mass and capacity	6 Measures: mass and capacity	7 Right angles	Testing/consolidation
SPRING	Basica maths skills	8 Informal and mental strategies for adding and subtracting two 3-digit numbers	8 Informal and mental strategies for adding and subtracting two 3-digit numbers	9 Understand additive relationships and apply them to rearrange equations	9 Understand additive relationships and apply them to rearrange equations	10 Column addition	consolidation	10 Column addition	11 2, 4 and 8 times tables: using times tables to solve problems	11 2, 4 and 8 times tables: using times tables to solve problems	12 Column subtraction	13 Unit fractions as part of a whole	Testing/consolidation
SUMMER	Basica maths skills	13 Unit fractions as part of a whole	14 Identify parts and wholes in different contexts	15 Compare and order unit fractions	16 Calculate the value of a part (fractions as operators)	17 Non-unit fractions	consolidation	17 Non-unit fractions	18 Composition of non-unit fractions: addition and subtraction	18 Composition of non-unit fractions: addition and subtraction	19 Parallel and perpendicular sides in polygons	20 Tell the time to the nearest minute and compare units of time	Testing/consolidati

YEAR 4

	WEEKS												
	1	2	3	4	5	6	7	8	9	10	11	12	13
AUTUMN	Basic maths skills	1 Review of column addition and subtraction	1 Review of column addition and subtraction	1 Review of column addition and subtraction	2 Secure place value to 1,000; apply to addition & subtraction	3 Calculation and conversion of measures	consolidation	4 Comparing, ordering and rounding 4-digit numbers	5 Column addition and subtraction with 4-digit numbers	6 Perimeter	7, 8, 9, 10, 11 Multiplication & division facts and strategies: 7: 3 & 6 times tables	7, 8, 9, 10, 11 Multiplication & division facts and strategies: 8: Relationship 3 & 6 tables and divisibility	Testing/consolidation
SPRING	Basic maths skills	7, 8, 9, 10, 11 Multiplication & division facts and strategies: 9: 9 times table	7, 8, 9, 10, 11 Multiplication & division facts and strategies: 10: Relationship 3 & 9 tables	7, 8, 9, 10, 11 Multiplication & division facts and strategies: 11: 7 times table, odd/even, square number	12 Understand and represent multiplicative structures (5 lessons)	12 Understand and represent multiplicative structures (5 lessons)	consolidation	13 Apply the distributive law to multiplication	14 Multiply/divide by 10 & 100	14 Multiply/divide by 10 & 100	14 Multiply/divide by 10 & 100	14 Multiply/divide by 10 & 100	Testing/consolidation
SUMMER	Basic maths skills	16 Review of fractions	17–18 Fractions greater than one; compare/order mixed numbers	17–18 Fractions greater than one; compare/order mixed numbers	19 Addition & subtraction of fractions and mixed numbers	20 Convert improper fractions and efficient strategies for mixed numbers	consolidation	22 Properties of 2D & 3D shapes and symmetry	22 Properties of 2D & 3D shapes and symmetry	24 Time: convert between 12h/24h, durations	25 Division with remainders	25 Division with remainders	Testing/consolidation

YEAR 5

	WEEKS												
	1	2	3	4	5	6	7	8	9	10	11	12	13
AUTUMN	Basic maths skills	1 Understand tenths as part of a whole, represent and calculate mentally	2 Compose and calculate with decimals including column addition and subtraction	3 Understand hundredths as parts of a whole and represent	4 Use knowledge of decimals to solve problems in different contexts: length	4 Use knowledge of decimals to solve problems in different contexts: length	5 Negative numbers	5 Negative numbers	6 Multiplication by partitioning leading to short multiplication (2 by 1-digit)	6 Multiplication by partitioning leading to short multiplication (2 by 1-digit)	7 Multiplication by partitioning leading to short multiplication (3 by 1-digit)	8 Division by partitioning leading to short division (2 and 3-digits by 1-digit)	8 Division by partitioning leading to short division (2 and 3-digits by 1-digit)
SPRING	Basic maths skills	8 Division by partitioning leading to short division (2 and 3-digits by 1-digit)	9 Understand the concept of area	10 Link area of rectangles to multiplication	10 Link area of rectangles to multiplication	11 Compare and describe measurements using knowledge of multiplication and division	11 Compare and describe measurements using knowledge of multiplication and division	12 Calculating with decimal fraction	12 Calculating with decimal fraction	12 Calculating with decimal fraction	13 Understand the concept of volume	14 Multiply 3 or more numbers (commutative and associative laws)	15 Understand and use the concept of factorisation (square and prime numbers)
SUMMER	Basic maths skills	16 Use common factors and multiples to solve calculations efficiently	17 Multiply a proper fraction by a whole number	18 Multiply improper fractions and mixed numbers by a whole number	19 Find unit and non-unit fractions of whole numbers exploring parts and wholes	19 Find unit and non-unit fractions of whole numbers exploring parts and wholes	20 Comparing fractions using equivalence and decimals	20 Comparing fractions using equivalence and decimals	21 Converting units	21 Converting units	22 Angles: compare, name, estimate and measure angles	22 Angles: compare, name, estimate and measure angles	

YEAR 6

	1	2	3	4	5	6	7	8	9	10	11	12	13
AUTUMN	Unit 1 – Use knowledge of part–part–whole structure to solve additive problems	Unit 1 – Use knowledge of part–part–whole structure to solve additive problems	Unit 2 – Use equivalence and compensation to simplify and solve addition calculations	Unit 2 – Use equivalence and compensation to simplify and solve addition calculations	Unit 3 – Use equivalence and compensation to simplify and solve subtraction problems	Unit 3 – Use equivalence and compensation to simplify and solve subtraction problems	Unit 4 – Multiples of 1,000	Unit 5 – Understand place value within numbers with up to 7 digits	Unit 6 – Order, compare and calculate with numbers up to 8 digits	Unit 6 – Order, compare and calculate with numbers up to 8 digits	Unit 7 – Rounding and solving problems with numbers up to 7 digits	Unit 8 – Draw, compose and decompose shapes	Unit 8 – Draw, compose and decompose shapes
SPRING	Unit 9 – Using equivalence to calculate	Unit 10 – Multiplying and dividing by 2-digit numbers	Unit 11 – Area, perimeter, position and direction	Unit 11 – Area, perimeter, position and direction	Unit 12 – Addition and subtraction of fractions	Unit 12 – Addition and subtraction of fractions	Unit 13 – Comparing fractions	Unit 14 – Multiplication and division of fractions	Unit 15 – Understanding percentages	Unit 16 – Statistics	Unit 21 – Mean average	Unit 17 – Ratio and proportion	Unit 17 – Ratio and proportion
SUMMER	Unit 19 – Solving problems with two unknowns	Unit 19 – Solving problems with two unknowns	Unit 20 – Order of operations		**SATS**	Bridge the gap lesson 1 Place Value & Number Operations	Bridge the gap lesson 2 Fractions, Decimals & Percentages (FDP)	**Space for residential**	Bridge the gap lesson 3 Multiples, Factors & Primes	Bridge the gap lesson 4 Algebraic Thinking	Bridge the gap lesson 5 Fractions of Quantities & Ratio	Bridge the gap lesson 6 Problem Solving & Reasoning	