Maths Long Term Plan

Blue year	Autumn	Spring	Summer
EYFS	Days of the week Number sense 1-5 Composition of numbers 1-5 Adding two groups together 2D shape Repeating patterns	Subitising 1-10 Number sense 6-10 Doubling and halving Adding from counting on Repeating patterns Number bonds to 10 Odd and even 3D shape	Spatial awareness and positional language Counting patterns 10-20 Counting patterns beyond 20 Addition from counting on Subtraction from counting back Measure Sharing Extended reasoning and problem solving
Year 1	Counting within 100 Comparison of quantities and part–whole relationships Numbers 0-5	Recognise, compose, decompose and manipulate 2D and 3D shapes Numbers to 10 Additive structures Addition and subtraction facts within 10	Numbers to 20 Unitising and coin recognition Position and direction Time
Factual fluency	Subitising 1-10 Make and break 5, 4, 3, 2, 10, 6, 7, 8, 9 One more, one less	Two more, two less Number 10 fact families Five and a bit Know about 0 Doubles and near doubles	Number neighbours 7 tree and 9 square Strategy selection Ten and a bit
Year 2	Numbers 10 to 100 Calculations within 20 Fluently add and subtract within 20 Addition and subtraction of two digit numbers Introduction to multiplication	Introduction to multiplication Introduction to division structures Shape Addition and subtraction of two digit numbers	Money Fractions Time Position and direction Multiplication and division – doubling, halving, quotative and partitive division Sense of measure – capacity, volume, mass
Factual fluency	Subitising 1-10 Strategy selection Ten and a bit Make ten and then - addition	Make ten and then - subtraction More doubles and near doubles Adjusting Strategy selection	Calculating with multiples of 10 Two digit numbers Make the next ten and then Make the previous ten and then

LKS2	Adding and subtracting across 10 Numbers to 1000		Numbers to 10,000 Column addition Column subtraction 3, 6, 9 times tables		7 times table and patterns Unit fractions Non unit fractions Fractions greater than 1 Parallel and perpendicular lines in polygons Symmetry in 2D shapes	
Factual fluency	Year 3 Adding 1 Doubles of numbers to 5 Adding 2 Number bonds to 10 Adding 10 Adding 0 The ones without a family Near doubles within 10 Doubles of numbers to 10 Near doubles bridging 10 Bridging 10	Year 4 Recap y3 3 times table 8 times table	Year 3 Bridging 10 Mix of additive facts 2 times table 5 times table	Year 4 3 times table 6 times table 9 times table 7 times table	Year 3 5 times table 4 times table 10 times tables Consolidation	Year 4 Consolidation
UKS2	Calculating using knowledge of structures Multiples of 1,000 Numbers up to 10,000,000 Decimal fractions Fractions Multiplication and division Order of operations and algebra		Multiplication and division Area, perimeter, position and direction Fractions and percentages Statistics Ratio and proportion Mean average Negative numbers Solving problems with two unknowns		Mean average Draw, compose and decompose shapes (including circles) Calculating using knowledge of structures Solving problems with two unknowns Order of operations and algebra	
Factual fluency	Secure fluency in multiplication table facts and corresponding division facts Use a given additive and multiplicative calculation to derive or complete a related calculation		Use additive facts to find bonds within 1 and 0.1 Multiply and divide whole numbers and decimals by 10, 100, 1000 Calculate using formal methods, including decimals		Calculate using decimals, fractions, percentages Recall decimal fraction equivalents for ½, ¼, ⅕ and 1/10	

Red year	Autumn	Spring	Summer
EYFS	Days of the week Number sense 1-5 Composition of numbers 1-5 Adding two groups together 2D shape Repeating patterns	Subitising 1-10 Number sense 6-10 Doubling and halving Adding from counting on Repeating patterns Number bonds to 10 Odd and even 3D shape	Spatial awareness and positional language Counting patterns 10-20 Counting patterns beyond 20 Addition from counting on Subtraction from counting back Measure Sharing Extended reasoning and problem solving
Year 1	Counting within 100 Comparison of quantities and part–whole relationships Numbers 0-5	Recognise, compose, decompose and manipulate 2D and 3D shapes Numbers to 10 Additive structures Addition and subtraction facts within 10	Numbers to 20 Unitising and coin recognition Position and direction Time
Factual fluency	Subitising 1-10 Make and break 5, 4, 3, 2, 10, 6, 7, 8, 9 One more, one less	Two more, two less Number 10 fact families Five and a bit Know about 0 Doubles and near doubles	Number neighbours 7 tree and 9 square Strategy selection Ten and a bit
Year 2	Numbers 10 to 100 Calculations within 20 Fluently add and subtract within 20 Addition and subtraction of two digit numbers Introduction to multiplication	Introduction to multiplication Introduction to division structures Shape Addition and subtraction of two digit numbers	Money Fractions Time Position and direction Multiplication and division – doubling, halving, quotative and partitive division Sense of measure – capacity, volume, mass
Factual fluency	Subitising 1-10 Strategy selection Ten and a bit Make ten and then – addition	Make ten and then - subtraction More doubles and near doubles Adjusting Strategy selection	Calculating with multiples of 10 Two digit numbers Make the next ten and then Make the previous ten and then

LKS2	Adding and subtracting across 10 Numbers to 1000 Manipulating the additive relationship Column addition Column subtraction 2, 4, 8 times tables		2, 4, 8 times tables Understanding and manipulating multiplicative relationships Unit fractions Non-unit fractions		Non-unit fractions Intro to fractions greater than 1 Right angles Perimeter Coordinates Time Division with remainders	
Factual fluency	Year 3 Adding 1 Doubles of numbers to 5 Adding 2 Number bonds to 10 Adding 10 Adding 0 The ones without a family Near doubles within 10 Doubles of numbers to 10 Near doubles bridging 10 Bridging 10	Year 4 Recap y3 3 times table 8 times table	Year 3 Bridging 10 Mix of additive facts 2 times table 5 times table	Year 4 3 times table 6 times table 9 times table 7 times table	Year 3 5 times table 4 times table 10 times tables Consolidation	Year 4 Consolidation
UKS2	Decimal fractions Order of operations and algebra Money Negative numbers Multiplication and division		Multiplication and division Fractions Fractions and percentages Calculating with decimal fractions Area and scaling		Factors, multiples and primes Converting units Angles	
Factual fluency	Secure fluency in multiplication table facts and corresponding division facts Use a given additive and multiplicative calculation to derive or complete a related calculation		Use additive facts to find bonds within 1 and 0.1 Multiply and divide whole numbers and decimals by 10, 100, 1000 Calculate using formal methods, including decimals		Calculate using decimals, fractions, percentages Recall decimal fraction equivalents for ½, ¼, ⅕ and 1/10	