Suggested Long Term Plan – Alternative Pathway Year 1 Year 2

Autumn 1	Plan 1 **Place Value to 10 & 20** 1.3.1 One ten and ten ones 1.3.2 Count sets of 11-19 objects grouping the ten **Place Value** 2.1.1 Count read and write, numbers up to 100	Plan 1 **Place Value to 10 & 20** 1.3.3 Use PV to identify teen numbers 1.3.4 Use PV to represent teen numbers 1.3.5 Zero as a place holder **Place Value** 2.1.2 Recognise PV in any 2-digit number	Plan 1 **Place Value to 10 & 20** 1.3.6 Repeating Patterns 1.3.7 Dual counting **Place Value** 2.9.6 Patterns and Sequences (from Geometry) 2.1.3 Examine patterns using PV and counting in steps of 10	Plan 1 **Place Value to 10 & 20** 1.3.8 One More/Less **Place Value** 2.1.7a count in steps of 2 2.1.7b Count in steps of 5 2.1.7c Count in steps of 3	Plan 1 **Place Value to 10 & 20** 1.1.17 Number lines 1.3.9a Marked 10-20 number Lines 1.3.9b Blank 10-20 number lines **Place Value** 2.1.5a Marked number lines 2.1.5b Blank and partially marked number lines	Plan 1 **Place Value to 10 & 20** 1.1.4 Compare sets of objects 1.3.10 Comparing amounts, 1.1.5 Compare numbers 1.3.11 Comparing numbers, 1.3.12 Ordering numbers 1.1.6 Ordering numbers **Place Value** 2.1.6 Non-Standard Partitioning 2.1.4 Comparing and Ordering Numbers	Plan 2 **Measures - Height & Length** 1.12.1 Direct comparison 1.12.2 Non-std units 1.12.3 Measure in cm & m **Measures Height and Length** Includes reading scales in SAT Style questions
Autumn 2	Plan 3 **Addition within 10** 1.2.1 and 1.2.2 Recap bonds introduce + and = symbols **Addition & Subtraction** (part 1 no bridging) 2,2,1 Add and Subtract within 10	Plan 3 **Addition within 10** 1.2.3 generate and begin to learn number bonds for 6-9 **Addition & Subtraction** (part 1 no bridging) 2.2.5 and 2.2.6 bonds to 20 and 100	Plan 3 **Addition within 10** 1.2.4 Flexibility with related equations **Addition & Subtraction** part 1 no bridging) 2.2.2 Addition is commutative 2.2.3 Balancing equations	Plan 3 **Addition within 20** 1.2.5/1.4.2 Addition by counting on using a NL 1.4.4a Link bonds to 10 to bonds to 20 (add only) **Addition & Subtraction** (part 1 no bridging) 2.2.9, and 2.2.10 and 2.2.11 Adding 1s or 10s 2.2.11 Adding any 2-digit number without crossing boundary	Plan 3 **Addition within 20** 1.2.6/1.4.3 Addition Word Problems **Addition & Subtraction** (part 1 no bridging) 2.2.16 Word problems – adapted to suit numbers and strategies taught	Plan 4 **Geometry – Shape** 1.5.2 2D Shapes 1.5.3 Properties 1.5.4 Compound shapes **Geometry - Shape** 2.6.1 Prerequisite 2.6.2 Properties of 2D Shapes 2.6.3 Symmetry	Plan 4 **Geometry – Shape** 1.5.6 3D Shapes 1.5.6 Properties 1.5.7 Compound shapes **Geometry:- Shape** 2.6.4 Properties of 3D shapes 2.6.5 Further sorting and problem solving
Spring 1	Plan 3 **Subtraction within 10** 1.2.7 and 1.2.8 Introduce – symbol and subtract on a NL **Addition & Subtraction** (part 1 no bridging) 2.2.12, and 2.2.13 Subtracting 1s or 10s 2.2.14 Subtract any 2 digit number without crossing boundary	Plan 3 **Subtraction within 10** 1.2.9 generate and begin to learn subtraction facts for 6-9 **Addition & Subtraction** (part 1 no bridging) 2.2.14 Subtract any 2 digit number without crossing boundary continued 2.2.1 – consolidate subtraction facts within 10	Plan 3 **Addition and Subtraction within 20** 1.2.10 subtract on PW model 1.2.12/1.4.10a Fact families and inverse operations **Addition & Subtraction** (part 1 no bridging) 2.2.4a Fact families 2.2.4b inverse operations	Plan 3 **Addition and Subtraction within 20** 1.2.13/1.4.10b Missing number problems **Addition & Subtraction** (part 1 no bridging) 2.2.4b Missing number problems	Plan 3 **Addition and Subtraction within 20** 1.4.5 Composition with 3 parts 1.4.6 Bridging to Add **Addition & Subtraction** (part 2 bridging) 2.2.8 adding three numbers (Odd and Even) 2.2.7 – 2 single digit (add only) 2.2.9 adding ones (bridging part) 2.2.11 Any 2-digit numbers (bridging part)	Plan 3 **Addition and Subtraction to 20** 1.4.9 Bridging to subtract 1.2.11 Subtraction Word Problems **Addition & Subtraction** (part 2 bridging) 2.2.7 single digit (subtract only) 2.2.12 subtracting ones from a 2-digit number (bridging part) 2.2.14 subtracting any 2-digit number (bridging part)	Plan 3 **Addition and Subtraction to 20** 1.2.14 Finding the difference 1.4.8 Subtraction Word Problems A substantial Problem **Addition & Subtraction** (part 2 bridging) 2.2.15 Finding the Difference 2.2.16 Word problems A Substantial Problem

Suggested Long Term Plan – Alternative Pathway Year 1 Year 2

Spring 2	Plan 5 **Multiplication and division / PV beyond 100** 1.10.3 Equal groups 1.10.4 Represent a problem with equal groups (total in ones) 1.9.2 Counting in tens **Multiplication & Division** 2.4.1 Language of groups 2.4.2 Repeated addition 2.4.3 Link equal groups to x	Plan 5 **Place Value beyond 20** 1.9.3 Tens on a number line 1.9.8 Odd / even and counting in 2s **Multiplication & Division** 2.4.5 Recall ten times table 2.4.4 Recall two times table	Plan 5 **Multiplication and Division / Place Value beyond 20** 1.9.9 Counting in 5s 1.10.5 Count in 2s 5s or 10s to solve multiplication problems 1.10.7 Arrays **Multiplication & Division** 2.4.6 Recall five times table 2.4.7 links between times tables 2.4.8 Arrays	Plan 5 **Multiplication and Division** 1.10.1 Doubling 1.10.6 Repeated addition **Multiplication & Division** 2.4.9 Link 'multiplied by' and repeated addition 2.4.10 Commutativity of multiplication	Plan 5 **Multiplication and Division** 1.10.9 Division by grouping 1.10.8 Division by sharing **Multiplication & Division** 2.4.11 Division by grouping 2.4.12 Division by Sharing

Summer 1	Plan 5 **Place Value beyond 20** 1.9.4 Count efficiently by making groups of 10 1.9.5 Represent 2-digit numbers **Multiplication & Division** 2.4.14 Link multiplication and division 2.4.15 Solve word problems	Plan 6 **Place Value beyond 20** 1.9.6 one more/one less and 10 more/ten less 1.9.7 compare and order numbers **Statistics**	Plan 7 **Money** 1.11.1 Sorting coins 1.11.2 Relative values 1.11.3 Making amounts **Money** 2.3.1 Recognise coins and notes and relative values 2.3.2 total coins and notes 2.3.3 Same amount in different ways	Plan 7 **Money** 1.11.4 Addition and subtraction problems 1.11.4b Finding change 1.11.5 Multiplication and division problems **Money** 2.3.4 Addition problems 2.3.5 Finding change 2.3.6 Subtraction problems 2.3.7 Non-routine problems	Plan 8 **Fractions** 1.6.1 halving objects and shapes 1.6.3 Finding a quarter of objects and shapes **Fractions** 2.5.1 Prerequisite 2.5.2 Fraction notation ½ ¼ 2.5.3 Introduce thirds and 1/3 2.5.5 non-unit fractions	Plan 8 **Fractions** 1.6.2 Halving quantities 1.6.4 Finding a quarter of quantities **Fractions** 2.5.4 ½ ¼ or 1/3 of amounts 2.5.6 non-unit fractions of amounts

Summer 2	Plan 8 **Place Value** 1.3.9c Marked 0-20 number lines 1.3.9d Blank 0-20 number lines 1.3.13 Numbers as words **Fractions** 2.5.7 Fractions as steps in the counting sequences 2.5.8 Problem solving	Plan 9 **Geometry: Position and direction** 1.7.1 language of Position 1.7.2 Direction 1.7.3 Direction with turns 1.7.4 Describe turns **Geometry - Position & Direction** 2.9.1 Position 2.9.2 Direction 2.9.3 Turns 2.9.4 Right angles 2.9.5 Direction with turns 2.9.6 Patterns/sequences	Plan 10 **Measures Time** 1.8.6 Telling the time 1.8.1 Sequence events **Measures - Time** 2.7.1 Analogue clocks 2.7.2 O'clock half past hour hand 2.7.3 Quarter past / to Hour hand 2.7.4 Minute hand 2.7.5 Both hands - nearest 15 minutes 2.7.6 Both hands - nearest 5 minutes	Plan 10 **Measures Time** 1.8.2 Days of the week 1.8.3 Weeks, Months, years 1.8.4 Time durations 1.8.5 Quicker, slower, earlier, later **Measures – Time** 2.7.7 Minutes in an hour, hours in a day 2.7.8 Intervals of time 2.7.9 Duration	Plan 11 **Measures – Capacity** 1.12.4 Direct comparison 1.12.5 Non-standard units 1.12.6 Standard units **Measures – Capacity,** 2.10.4 Capacity 2.10.7 Measures problems – add and subtract 2.10.8 Measures problems – multiplication & division	Plan 11 **Measures – Mass** 1.12.7 Direct comparison 1.12.8 Non-standard units 1.12.9 Standard units **Measures – Mass & Temperature** 2.10.5 Mass 2.10.7 Measures problems – add and subtract 2.10.8 Measures problems – multiplication & division 2.10.6 Temperature	Assessment Week (SATS) to be fitted in when needed