Year 1

Autumn 1

You may want to start with previous experiences of counting in Reception - 2 weeks

Unit 1: Comparisons of quantities and part-part whole relationships **3 Weeks** Unit 1.1 and 1.2 small steps and video			**Unit 2: Numbers 0-5** **2 Weeks** Unit 1.3 - small steps and video		**Unit 3: Numbers 0-10** **3 Weeks** Unit 1.4 - small steps and video		
Compare quantities up to 5, including measures	Compare quantities up to 10, including measures	Greater/less than language Progressing to inequality symbols	Subitising One more, one less	Numbers bonds to 5	Number line exploration	Number recognition for money within 10	Number bonds to 10

Autumn 2

Unit 4: Additive Structures **4 weeks** Unit 1.5 and 1.6 small steps and video				**Unit 5: Addition and Subtraction facts within 10** **3 weeks** Unit 1.7 - small steps			
Measures	Addition and subtraction with money	Odd and even	How quantities can be distributed equally	Doubles	Halves	Using a ruler	

<table>
<tr><th colspan="8">Year 1</th></tr>
<tr><th colspan="8">Spring 1</th></tr>
<tr><td colspan="3">Unit 6: Recognise, compose, decompose and manipulate 2D and 3D shapes
3 Weeks
1G-1 and 1G-2</td><td colspan="2">Unit 7:
Numbers to 11-19
2 Weeks
1.10 and NPV1-2</td><td colspan="3" rowspan="2"></td></tr>
<tr><td>2D Shape names</td><td>3D shapes names</td><td>Repeated patterns</td><td>Number bonds 5-9</td><td>Numbers to 10</td></tr>
<tr><th colspan="8">Spring 2</th></tr>
<tr><td>Unit 7:
Numbers 11-19
1 Week
1.10 and NPV1-2</td><td colspan="4">Unit 8: Unitising and coin recognition
4 Weeks
2.1 and 1NF-2</td><td>Unit 9: Time
1 Week
1T</td><td colspan="2" rowspan="2"></td></tr>
<tr><td>Using a ruler</td><td>Skip counting in 10S</td><td>Skip counting in 5s</td><td>Skip counting 2s</td><td>Days/Months</td><td>Hours/Min/Secs</td></tr>
</table>

Year 1						
Summer 1						
Unit 10: Composition of number 20-100 **5 Weeks** 1.9 and NPV1-1			**Consolidation** **1 Weeks**			
Counting forwards and backwards within 50	Counting forwards and backwards within 100	Count in 2,5 and 10 from any given number	Estimation	Number bonds 10-15		
Summer 2						
Unit 11: Position and Direction **2 Weeks** NC objectives	**Consolidation**	**Consolidation**	**Assessment**	**Consolidation**		
Positional language	Doubles	Halves/Quarters	Numbers bonds to 20	Numbers bonds to 20		

Year 2

Autumn 1

Unit 1: Numbers 10 to 100 4 weeks Unit 1.8 and Unit 1.9				Unit 2: Calculations within 20 3 weeks Unit 1.11 and Unit 1.12			Unit 3: Fluency: add and subtract within 10 1 week RTP - 2NF1 - Pages 55-56
Numbers 0 to 10 (partition numbers in different ways)	**Unitising and coin recognition** (Explain the value of a 1p coin in pence)	**Unitising and coin recognition** (Recognise 2p, 5p and 10p coins)	**Comparison of quantities and part–whole relationships**	**Comparison of quantities and part–whole relationships**	**Position and direction** (whole, half, quarter and three-quarter turns.)	**Position and direction** (whole, half, quarter and three-quarter turns.)	**Time** (days of the week, weeks, months and years)

Autumn 2

Unit 4: Addition and subtraction of 2-digit numbers 3 weeks Unit 1.13, Unit 1.14 and RTP 2AS-3 (Pages 62-65)			Unit 5: Introduction to Multiplication 4 weeks Unit 2.3, Unit 2.4 and Unit 2.5			
Time (Tell the time to the hour and half past)	**Time** (Tell the time to the hour and half past)	**Shape** Recognise and manipulate 2D shapes	**Shape** Recognise and manipulate 3D shapes	**Money** (How many coins are needed to make a value of 10p)	**Money** (How many coins are needed to make a value of 20p)	

Year 2						
Spring 1						
Unit 6: Introduction to Division 2.6 2.6		Unit 7: Shape 2G1 Unit 7		Unit 8: Addition and Subtraction (2) 1.15 Unit 8		
Sense of measure – capacity, volume, mass	Sense of measure – capacity, volume, mass	Addition and subtraction facts within 10	Addition and subtraction facts within 10	Consolidation		
Spring 2						
Unit 8: Addition and Subtraction (2) 1.15 Unit 8		Unit 9: Money Guidance Unit 9	Unit 10: Fractions 3.0 Unit 10			
Multiplication (recall and use multiplication facts for the 2, 5 and 10 table)	Division (recall and use division facts for the 2, 5 and 10 table)	Addition of two-digit numbers Two-digit and ones two-digit and tens two two-digit numbers	Compare and order numbers 0 up to 100; use <, > and = signs	Write simple fractions (for example, ½ of 6 = 3)	Consolidation	

<table>
<tr><th colspan="8">Year 2</th></tr>
<tr><th colspan="8">Summer 1</th></tr>
<tr><td colspan="2">Unit 11: Time

Unit 11</td><td>Consolidation</td><td colspan="3">Multiplication and Division Consolidation</td><td colspan="2" rowspan="2"></td></tr>
<tr><td>Write simple fractions
(for example, ½ of 6 = 3)</td><td>Interpret and construct simple pictograms</td><td>Place Value
(place value of each digit in a two-digit number)</td><td colspan="3">SATS Consolidation</td></tr>
<tr><th colspan="8">Summer 2</th></tr>
<tr><td>Consolidation</td><td colspan="2">Unit 13: Position and Direction
Guidance</td><td colspan="2">Unit 14: Sense of measure – capacity, volume, mass
Guidance</td><td colspan="2"></td><td rowspan="2"></td></tr>
<tr><td>Class Focus</td><td>Hours and minutes</td><td>5 minute intervals on a clock</td><td>Using a ruler</td><td>Using a ruler</td><td></td><td></td></tr>
</table>

Year 3

Autumn 1

Unit 1: Numbers to 1000 2 Weeks Unit 1.17 - small steps 1-11		Unit 1: Numbers to 1000 1 Week Unit 1.17 - small steps 12-15	Unit 1: Numbers to 1000 2 Weeks Unit - NPV3 - small steps 16-23		Unit 1: Numbers to 1000 3 Weeks Unit 1.18 - small steps 24-43		
Adding 3 addends	Adding 3 addends that sum 10	Adding and subtracting across 10	Adding and subtracting across 10	Doubles (To 20 and beyond)	Halves (for example, 40 ÷ 2 = 20, 20 is a half of 40)	Addition of 2-digit numbers Two-digit and ones two-digit and tens two two-digit numbers	Subtraction of 2-digit numbers Two-digit and ones two-digit and tens two two-digit numbers

Autumn 2

Unit 1: Numbers to 1000 2 Weeks Unit 1.18 - small steps 44-53		Unit 2: Right angles 2 Weeks Unit 3G-1 - small steps 1-8		Unit 3: Additive relationships and mental strategies 3 Weeks Unit 1.19			
Units of measure (choose and use appropriate standard units to estimate and measure)	PV of 3-digit numbers	Compare numbers to 1000	Quadrilaterals	Partitioning in different ways	Number bonds to 10 and 20	Number bonds within 100	

<table>
<tr><th colspan="6">Year 3</th></tr>
<tr><th colspan="6">Spring 1</th></tr>
<tr><td colspan="2">Unit 4: Column Addition
2 Weeks
1.20 and 3AS-2</td><td>Unit 5: Column Subtraction
1 Week
1.21</td><td colspan="2">Unit 6: 2, 4, 8 Tables
2 Weeks
2.7 and 3NF</td><td rowspan="2"></td></tr>
<tr><td>Missing part/number problems</td><td>Adding/subtracting 10 and 100s from a given number</td><td>Subtraction facts bridging through 10</td><td>Doubling/Halving</td><td>Inverse families</td></tr>
<tr><th colspan="6">Spring 2</th></tr>
<tr><td colspan="4">Unit 7: Unit Fractions
5 Weeks
3.1 and 3.2</td><td>Consolidation</td><td rowspan="2"></td></tr>
<tr><td>Partitive and quotative division</td><td>Equal/unequal parts</td><td>Division of quantities</td><td>Division of quantities
(Fractions of an amount)</td><td>Division of quantities
(Fractions of an amount)</td></tr>
</table>

Year 3						
Summer 1						
Unit 8: Non-unit Fractions **4 weeks** 3.3 and 3.4				Consolidation		
Quantities divided by 10	Quantities divided by 10	identify the whole, the number of equal parts and the size of each part as a unit fraction	Formal addition	Class Focus	Formal subtraction	
Summer 2						
Unit 9: Polygons and perpendicular sides in polygons **2 Weeks**		Consolidation	**Unit 10: Time** **2 Weeks**		Consolidation	Consolidation
2D shapes	Parallel and perpendicular lines (Horizontal and vertical)	Parallel and perpendicular lines (Horizontal and vertical)	Roman numerals	Roman numerals	Class Focus	Focus

Year 4

Autumn 1

Unit 1: Review of column addition and subtraction 3 Weeks Unit 1.20 and Unit 1.21			Unit 2: Numbers to 10,000 4 Weeks Unit 1.22				Unit 3: Area and Perimeter 2 Weeks Unit 2.16
Addition Adding across 10	**Subtraction** Subtracting across 10	**Place Value** Numbers to 1,000 (Place Value hundreds, tens and ones)	**Place Value** Compare and order numbers (Up to 1,000)	**Multiplication** 2, 4 and 8 tables	**Time** (analogue clock)	**Fractions** Count in tenths (recognise that tenths arise from dividing an object into 10 equal part	**Addition** Column addition (three digit add three digit)

Autumn 2

Unit 3: Area and Perimeter Continued Unit 2.16	Unit 4: Multiplication: 3, 6, 9 times tables 3 weeks 2.8			Unit 5: Multiplication: 7 times table and patterns 2 weeks 2.9		Unit 6: Understanding and manipulating multiplicative relationships 4 Weeks	
Shape 2D Shapes (properties, vocabulary, polygons/non-polygon)	Shape Parallel and perpendicular lines	Multiplication 2, 4 and 8 tables	Measure Add and subtract amounts of money to give change.	Subtraction Column subtraction (three digit subtract three digit)	Angles Identify right angles.	Fractions Add fraction with the same denominator within one whole	

Year 4

Spring 1

Unit 6: **Understanding and manipulating multiplicative relationships** **4 Weeks** 2.10 and 2.13			Unit 7: **Coordinates** **2 Weeks** 4G1		
Unit Fractions	**Add and Subtract Fractions**	**Time** o'clock and half past	**Non-unit fractions**	**Non-unit fractions**	

Spring 2

Unit 8: **Review of fractions** **2 weeks** 3.1		Unit 9: **Fractions greater than 1** **5 weeks** 3.5			
Column Addition	**Column Subtraction**	**Perimeter of 2D Shapes**	**Compare Unit and Non-Unit Fractions**	**Unit Measure** lengths (m/cm/mm); mass (kg/g)	**3D Shapes** (dentify and describe the properties of 3-D shapes

Year 4

Summer 1

Unit 9: **Fractions greater than 1 5 weeks** 3.5 (Continued)	**Consolidation**	Unit 10: **Symmetry in 2D shapes 2 Weeks** 4G3		Unit 11: **Time 2 Weeks** 6T			
Solve problems, including missing numbers	**Multiplication:** (use knowledge of distributive law to calculate products)	**Multiplication:** by 10 and 100	**Division:** by 10 and 100	**Fractions** (improper to mixed)	**Dividing: by 10 and 100**		

Summer 2

Consolidation	Unit 12: **Division with remainders 2 weeks** 2.12		Unit 13: **Roman numerals 1 week**	Consolidation **3 Weeks**			
Column Addition	**Statistics** (read and interpret bar charts and pictograms)	**Fractions** (Recognise decimal equivalents)	**Rounding to 10 and 100**	**Consolidation**	**Consolidation**	**Consolidation**	

Year 5

Autumn 1

Unit 1: Decimals With fractions 4 Weeks 1.23-1.24				Unit 2: Money 2 Weeks 1.25		Unit 3: Short multiplication and division 2 Weeks 2.14 and 2.15	
Place Value (compare and order four-digit numbers)	Fractions (Counting in ths and hths)	Fractions (Counting through mixed and improper)	Addition (column addition including regrouping)	Decimal fractions (multiplying and dividing by 10)	Subtraction (column subtraction including regrouping)	Rounding (To 10, 100 and 1,000)	Place Value (100 is composed of 50s 25s and 20s)

Autumn 2

Unit 3: Short multiplication and division 2 Weeks 2.14 and 2.15			Unit 4: Area and Scaling 4 Weeks 2.16-2.17				
Place Value (known facts to find multiples of ten that compose 100)	Shape Parallel and perpendicular lines	Multiplication Multiplying by 10, 100 and 1,000	Division Division with remainders	Division Division with remainders	Division Dividing by 10, 100 and 1,000	Multiplication and Division Multiplying/dividing by powers of 10	

<table>
<tr><th colspan="7">Year 5</th></tr>
<tr><th colspan="7">Spring 1</th></tr>
<tr><td colspan="2">Unit 5: Factors, multiples and primes
3 Weeks
2.20 and 2.21</td><td colspan="3">Unit 6: Calculating with Decimal Fractions
3 Weeks
2.29 and 2.19</td><td colspan="2" rowspan="2"></td></tr>
<tr><td>Time</td><td>Multiplying/dividing by powers of 10</td><td>Multiplying/dividing by powers of 10</td><td>Decimal fractions</td><td>Decimal fractions</td></tr>
<tr><th colspan="7">Spring 2</th></tr>
<tr><td colspan="4">Unit 7: Fractions
4 Weeks
3.6 and 3.7</td><td colspan="2">Unit 8: Converting Units
2 Weeks
5NPV-5</td><td rowspan="2"></td></tr>
<tr><td>Fractions
(Counting in fractions)</td><td>Non-unit fractions</td><td>Find unit-fractions of an amoun</td><td>Find unit-fractions of an amount</td><td>Find a non-unit fraction of an amount</td><td>Multiplying/dividing by powers of 10</td></tr>
</table>

Year 5						
Summer 1						
Unit 9: Negative Numbers 2 Weeks 1.27		**Unit 10: Angles 2-3 Weeks** 5G-1		**Unit 11: Symmetry Recap 1 Week**		
Place Value Rounding 10, 100	Place Value Rounding 1000, and 10,000	Statistics	Statistics	Addition with money	Subtraction with money	
Summer 2						
Unit 12: Long Multiplication 3-4 Weeks				**Assessment Week**	**Consolidation**	
Symmetry in 2D Shapes	Symmetry in 2D Shapes	Short multiplication	Division without remainders	Division with remainder	Short division	

Year 6

Autumn 1

Unit 1: Calculating using knowledge of structures 5 Weeks Unit 1.28 and Unit 1.29 Small Steps					Unit 2: Multiples of 1,000 2 Weeks Unit 1.26 Small Steps		Unit 3: Numbers up to 10,000,000 1 Week Unit 1.30 Small Steps
Fractions (Adding and subtracting fractions with the same denominator)	Fractions (Multiply proper fractions by an integer)	Fractions (find a unit fraction of a quantity)	Measure (Units of measure including kg/g, km/m and l/ml	Measure (Units of measure including cm/m and mm/cm	Time	Roman Numerals	Angles (acute, right angle, obtuse)

Autumn 2

Unit 4: Multiplication and Division 4 Weeks Unit 2.18, Unit 2.23 and Unit 2.24 Small Steps					Unit 5: Fractions and Percentages 4 Weeks Unit 3.7 and Unit 3.8 Small Steps		
Angles (Finding missing angles)	Factors, multiples and primes	Fractions (non-unit fraction of a quantity)	Statistics (read and interpret pictograms and bar charts	Statistics (read and interpret tables	2D Shapes	Mean	

Year 6

Spring 1

Unit 5: Fractions and Percentages (continued) **2 Weeks** Unit 3.9 and Unit 3.10 Small Steps		**Unit 6: Statistics 1 Week** 6S Small Steps	**Unit 7: Area, Perimeter, Position and Direction 1 Week** 2.30 Small Steps	**Unit 8: Ratio and Proportion 1 Week** 2.27 Small Steps	
Measure (Units of measure)	Statistics (read and interpret pictograms and bar charts	Statistics (read and interpret tables)	Time	Consolidation	

Spring 2

Unit 9: Mean average 1 Week Unit 2.26 Small Steps	**Unit 10: Order of Operations** 1 Week Unit Small Steps	Unit 11: Solving Problems with Two Unknowns 1 Week Unit Small Steps	Unit 12: Draw, Compose and Decompose Shapes 1-2 Weeks Unit Small Steps		Unit 13: Calculating Using Knowledge of Structures (2) 1 Week Unit Small Steps	
Decimals	Decimals	2D Shapes	3D Shapes	BIDMAS	Consolidation	