

Year 1

Autumn 1

[You may want to start with previous experiences of counting in Reception - 2 weeks](#)

<u>Unit 1: Comparisons of quantities and part-part whole relationships</u> 3 Weeks <u>Unit 1.1</u> and <u>1.2</u> <u>small steps</u> and <u>video</u>			<u>Unit 2: Numbers 0-5</u> 2 Weeks Unit 1.3 - <u>small steps</u> and <u>video</u>		<u>Unit 3: Numbers 0-10</u> 3 Weeks Unit 1.4 - <u>small steps</u> and <u>video</u>		
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

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



Year 1

Spring 1

Unit 6: Recognise, compose, decompose and manipulate 2D and 3D shapes
3 Weeks
1G-1 and 1G-2

Unit 7: Numbers to 11-19
2 Weeks
1.10 and NPV1-2

2D Shape names

3D shapes names

Repeated patterns

Number bonds 5-9

Numbers to 10

Spring 2

Unit 7: Numbers 11-19
1 Week
 1.10 and NPV1-2

Unit 8: Unitising and coin recognition
4 Weeks
2.1 and 1NF-2

Unit 9: Time
1 Week
1I



Year 1						
Summer 1						
<u>Unit 10: Composition of number 20-100</u> 5 Weeks <u>1.9</u> and <u>NPV1-1</u>			<u>Unit 11</u> Position and Direction 2 Weeks NC objectives			
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						
Consolidation	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 2.2, 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		Unit 7: Shape 2G1 Unit 7		Unit 8: Addition and Subtraction (2) 1.15	
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) 1.16		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, $\frac{1}{2}$ of 6 = 3)	



Year 2

Summer 1

Unit 11: Time Unit 11		Consolidation	Unit 12: Multiplication and Division Consolidation		
Write simple fractions (for example, $\frac{1}{2}$ of 6 = 3)	Interpret and construct simple pictograms	Place Value (place value of each digit in a two-digit number)	SATS Consolidation		

Summer 2

Consolidation	Unit 13: Position and Direction Guidance		Unit 14: Sense of measure – capacity, volume, mass Guidance		
Class Focus	Hours and minutes	5 minute intervals on a clock	Using a ruler	Using a ruler	



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 3 Weeks Unit 1.18 - small steps 24-43		Unit 1: Numbers to 1000 2 Weeks Unit 1.18 - small steps 44-53	
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, $40 \div 2 = 20$, 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 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	



Year 3

Spring 1

Unit 4: Column Addition
2 Weeks
[1.20](#) and [3AS-2](#)

Unit 5: Column Subtraction
1 Week
[1.21](#)

Unit 6: 2, 4, 8 Tables
2 Weeks
[2.7](#) and [3NF](#)

Missing part/number problems

Adding/subtracting 10 and 100s from a given number

Subtraction facts bridging through 10

Doubling/Halving

Inverse families

Spring 2

Unit 7: Unit Fractions
5 Weeks
[3.1](#) and [3.2](#)
[3.1 Small Steps](#) and [3.2 Small Steps](#)

Consolidation

Partitive and quotative division

Equal/unequal parts

Division of quantities

Division of quantities
 (Fractions of an amount)

Division of quantities
 (Fractions of an amount)



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

Unit 1: Numbers to 1000
2 Weeks
 Unit - NPV3 - small steps 16-23

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)
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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	
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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
 (identify and describe the properties of 3-D shapes)

Year 4

Summer 1

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

Summer 2

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



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



Year 5

Spring 1

Unit 5: Factors, multiples and primes
3 Weeks
2.20 and 2.21

Unit 6: Calculating with Decimal Fractions
3 Weeks
2.29 and 2.19

Time

Multiplying/dividing by powers of 10

Multiplying/dividing by powers of 10

Decimal fractions

Decimal fractions

Spring 2

Unit 7: Fractions
4 Weeks - 16 Lessons
3.6 and 3.7

Unit 8: Converting Units
2 Weeks
5NPV-5

Fractions
(Counting in fractions)

Non-unit fractions

Find unit-fractions of an amount

Find unit-fractions of an amount

Find a non-unit fraction of an amount

Multiplying/dividing by powers of 10



Year 5

Summer 1

Unit 9: Negative Numbers 2 Weeks <u>1.27</u>		Unit 10: Angles 2-3 Weeks <u>5G-1</u>			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

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

Spring 2

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



Year 6							
Summer 1							
KS2 SATs Consolidation		KS2 SATs Week	Consolidation				
Arithmetic	Arithmetic	Arithmetic					
Summer 2							
Consolidation							