

Term	Block number	Block title	Small step number
Autumn	1	Sequences	1
			2
			3
			4
			5
			6
			7
	2	Algebraic notation and substitution	1
			2
			3
			4
			5
			6
			7
	3	Expressions and equations	8
			1
			2
			3
			4
			5
			6
	4	Place value, ordering and rounding	7
			1
			2
			3
			4
			5
			6
			7
			8
			9
			10
			11
			12
	5	Four operations	13
			1
			2
			3
			4
			5
			6

Small step title
Describe and continue sequences
Find the next term(s)
Linear and non-linear sequences
Continue linear sequences
Continue non-linear sequences
Term-to-term rules
Find missing terms (E)
1-step function machines (number)
1-step function machines (algebra)
Find a function (one step)
Substitution (one step)
2-step function machines (number)
2-step function machines (algebra)
Find a function (two step)
Substitution (two step)
Equality and equivalence
Related facts
Like and unlike terms
Collect like terms
Solve 1-step equations (+/-)
Solve 1-step equations (x/÷)
Solve 2-step equations
Write integers in numerals and words
Intervals on a number line
Compare and order integers
Place value for decimals
Decimals on a number line
Compare and order decimals
Round to powers of 10
Round to the nearest integer
Round to decimal places
Powers of 10 €
Numbers greater than 1 in standard form (E)
Negative powers of 10 (E)
Numbers between 0 and 1 in standard form (E)
Add and subtract integers
Add and subtract decimals
Multiply and divide by 10, 100 and 1000
Multiply by 0.1 and 0.01 (E)
Multiply integers
Divide integers

Spring			7
			8
			9
			10
			1
	6	Averages and range	2
			3
			4
			5
			1
	7	7 Rounding and estimation	2
			3
			4
			5
			1
	1	Graphing data	2
			3
			4
			5
			6
			7
			8
			9
			10
			1
	2	Fractions, decimals and percentages	2
			3
			4
			5
			6
			7
			8
			9
			10
			11
			12
			1
	3	Directed number	2
			3
			4
			5
			6
			7
			8
			9

Multiply decimals
Divide decimals by integers
Divide by a decimal (E)
Order of operations
Mode
Mean
Median
Range
Solve problems with averages and range
Round to 1 significant figure
Round to 2 or more significant figures
Estimate answers to calculations
Solve problems with estimation
Understand and use error interval notation (E)
Pictograms
Bar charts
Dual bar charts
Composite bar charts
Coordinates in the first quadrant
Scatter graphs
Correlation
Lines of best fit
Time series graphs
Non-linear relationships
Represent tenths and hundredths
Number lines with fractions and decimals
Tenths, hundredths, fifths and quarters
Eighths and thousandths
Understand percentages
Convert simple fractions, decimals and percentages
Fractions as diagrams
Fractions on a number line
Equivalent fractions
Fractions as division
Convert fractions, decimals and percentages
Fractions, decimals and percentages greater than 1 (E)
Directed number and number lines
Compare and order directed numbers
Calculations that cross zero
Directed number and zero pairs
Add directed numbers
Subtract directed numbers
Multiply and divide directed numbers
Order of operations with directed numbers
Use a calculator with directed numbers

Summer	4	4 Fractions and percentages of amounts	1
			2
			3
			4
			5
			6
			7
	5	Perimeter and area	1
			2
			3
			4
			5
			6
			7
	1	Speed, distance and time	8
			1
			2
			3
			4
			5
			6
			7
			8
			9
			10
			11
	2	2 Properties of number	1
			2
			3
			4
			5
			6
			7
			8
			9
			10
			11
	3	Add and subtract fractions	1
			2
			3
			4
			5
			6
			7
			8

	4	Angles and polygons	9
			10
			1
			2
			3
			4
			5
			6
			7
			8
			9
			10
			11
			12
			13

Fraction of an amount
Use a fraction to find the whole
Percentage of an amount (non-calculator)
Percentage of an amount (calculator)
Percentage increase and decrease
Use a percentage to find the whole (E)
Solve problems with fractions and percentages greater than 1 (E)
Convert metric units of length
2 Perimeter of a polygon
Perimeter of a compound shape
Area of rectangles and parallelograms
Area of a triangle
Area of a trapezium
Solve problems with perimeter and area
Form expressions with perimeter and area (E)
Convert between milliseconds, seconds, minutes and hour
Convert between hours, days and year
Fractions of time
Solve problems with tables and timetables
Solve problems with time and the calendar
Calculate speed
Calculate time and distance
Solve problems with speed, distance and time
Interpret distance-time graphs
Draw distance-time graphs
Calculate speed from a distance-time graph (E)
Multiples
Factors
Prime numbers
Write a number as a product of prime factors
Square, cube and triangular numbers
Square roots and cube roots
Explore higher powers and roots (E)
Highest common factor (HCF)
Lowest common multiple (LCM)
HCF and LCM from a Venn diagram €
Use factors to simplify calculations (E)
Simplify a fraction
Convert between mixed numbers and improper fractions
Add and subtract fractions with the same denominator
Add and subtract with fractions and integers
Add and subtract fractions where denominators share a simple common multiple
Add and subtract fractions with any denominator
Add and subtract improper fractions and mixed numbers
Use equivalence to add and subtract decimals and fractions €

Add and subtract simple algebraic fractions €
Substitution and solving equations with fractions (E)
Draw and measure lines and angles
Understand and use geometric notation
Angles around a point
Angles on a straight line
Vertically opposite angles
Recognise and name polygons
Angles in a triangle
Angles in a quadrilateral
Solve problems with angles
Parallel and perpendicular lines
Angles in parallel lines €
Angles in a polygon (E)
Simple proofs (E)