Unit	Small Step	Arithmetic Content
Place value	Step 1 - Numbers to a million	
	Step 2 - Numbers to ten million	
	Step 3 - Read and write numbers to 10 million	
Four operations	Step 1 - Add and subtraction integers	
	Step 2 - Common factors	
	Step 3 - Common multiples	
	Step 4 - Rules of divisibility	
Place value	Step 4 - Powers of ten	
	Step 5 - Number line to 10 million	
	Step 6 - Compare and order any integers	
	Step 7 - Round any integer	
NSM	Stage 2 Unit 1 concept lesson	
Place value	Step 8 - Negative numbers	
	Place Value end of block assessment*	
Decimals	Step 1 - Place value within 1	
	Step 2 - Place value - integers and decimals	
Four operations	Step 5 - Primes to 100	Decimals Step 3 - Round decimals Can be taught from this week
	Step 6 - Square and cube numbers	
	Step 7 - Multiply up to a 4-digit number by a 2-digit number	
	Step 8 - Solve problems with multiplication	
Four operations	Step 9 - Short division	Decimals Step 4 - Add and subtract decimals Can be taught from this week
	Step 10 - Division using factors (NB do not do steps 11 and 12 - Long division)	
	Step 13 - Solve problems with division	

Fractions A	Step 1 - Equivalent fractions and simplifying	Decimals Step 5 - Multiply by 10, 100 and 1000 Can be taught from this week
	Step 2 - Equivalent fractions on a number line	
Assessment	Assessment - SATs Mock 2018 papers (Arithmetic, paper 1 and 2)	

NSM	Stage 2 unit 2 concept lesson	Decimals Step 6 - Divide by 10, 100 and 1000 Can be taught from this week
Fractions A	Step 3 - Compare and order fractions (denominator)	
	Step 4 - Compare and order fractions (numerator)	

Fractions A	Step 5 - Add and subtract simple fractions	Step 7 - Multiply decimals by integers Can be taught from this week
	Step 6 - Add and subtract any 2 fractions	
	Step 7 - Add mixed numbers	

Four operations	Step 14 - Solve multi-step problems	Step 8 - Divide decimals by integers Can be taught from this week
	Step 15 - Order of operations	
	Step 16 - Mental calculations and estimation	
	Step 17 - Reason from known facts	
	Four operations end of block assessment *	

Fractions, Decimals and Percentages	Step 1 - Decimal and fraction equivalents
	Step 2 - Fractions as division
	Step 3 - Understand percentages
	Step 4 - Fraction to percentages

NSM	Stage 2 Unit 3 concept lesson
Shape	Step 1 - Measure and classify angles
	Step 2 - Calculate angles
	Step 3 - Vertically opposite angles

Fractions A	Step 8 - Subtract mixed numbers
	Step 9 - Multi-step problems

	End of block assessment *
Assessment	Assessment - SATs Mock 2019 papers (Arithmetic, paper 1 and 2)

Fractions B	Step 1 - Multiply fractions by integers
	Step 2 - Multiply fractions by fractions
	Step 3 - Divide fractions by an integer
	Step 4 - Divide any fraction by an integer

Decimals	Step 9 -Multiply and divide decimals in context
	End of block assessment *

Fractions, Decimals and Percentages	Step 5 - Equivalent fractions, decimals and percentages
	Step 6 - Order fractions, decimals and percentages

NSM	Stage 3 Unit 2 concept lesson
Shape	Step 4 - Angles in a triangle
	Step 5 - Angles in a triangle - special cases
	Step 6 - Angles in a triangles - missing angles

Fractions B	Step 5 - Mixed questions with fractions
	Step 6 - Fraction of an amount
	Step 7 - Fraction of an amount - finding the whole

Fractions, Decimals and Percentages	Step 7 - Percentage of an amount - one step
	Step 8 - Percentage of an amount - multi-step
	Step 9 - Percentages - missing values
	End of block assessment *

Shape	Step 7 - Angles in quadrilaterals
	Step 8 - Angles in polygons
	Step 9 - Circles

	Step 10 - Draw shapes accurately

Shape	Step 11 - Draw nets of 3D shapes
NSM	Stage 3 unit 3 concept lesson
Assessment	Assessment - SATs Mock 2022 papers (Arithmetic, paper 1 and 2)

Measurement - Perimeter, area and volume	Step 1 - Shapes - same area
	Step 2 - Area and perimeter
	Step 3 - Area of a triangle - counting squares
	Step 4 - Area of a right-angled triangle

Measurement - Perimeter, area and volume	Step 5 - Area of any triangle
	Step 6 - Area of parallelogram
Measurement - Converting units	Step 1 - Metric measures
	Step 2 - Convert metric measures

Ratio	Step 1 - Add or multiply?
	Step 2 - Use ratio language
	Step 3 - Introducing the ratio symbol
	Step 4 - Ratio and fractions

NSM	Stage 3 unit 4 concept lesson
Algebra	Step 1 - One step function machines
	Step 2 - Two step function machines
	Step 3 - Form expressions

Assessment	Assessment - SATs Mock 2023 papers (Arithmetic, paper 1 and 2)
Measurement - Perimeter, area and volume	Step 7 - Volume - counting cubes
	Step 8 - Volume of a cuboid

Statistics	Step 1 - Line graphs
	Step 2 - Dual bar charts

Statistics	Step 3 - Read and interpret pie charts
	Step 4 - Pie charts with percentages
Position and direction	Step 1 - The first quadrant
	Step 2 - Read and plot points in four quadrants
	Step 3 - Solve problems with coordinates
Statistics	Step 6 - The mean
Algebra	Step 4 - Substitution
	Step 5 - Formulae
	Step 6 - Form equations
	Step 7 - Solve one-step equations
Algebra	Step 8 - Solve two-step equations
	Step 9 - Find pairs of values
	Step 10 - Solve problems with 2 unknowns
Statistics	Step 5 - Draw pie charts
Ratio	Step 5 - Scale drawing
	Step 6 - Use scale factors
	Step 7 - Similar shapes
	Step 8 - Ratio problems
	Step 9 - Proportion problems
	Step 10 - Recipes
Measurement - Converting units	Step 3 - Calculate with metric measures
	Step 4 - Miles and kilometres
	Step 5 - Imperial measures
Position and Direction	Step 4 - Translations
	Step 5 - Reflections