Power Maths Year 4, yearly overview

Textbook	Strand	Unit		Number of Lessons
Textbook A / Practice Book A (Term 1)	Number – number and place value	1	Place value – 4-digit numbers (1)	9
	Number – number and place value	2	Place value – 4-digit numbers (2)	9
	Number – addition and subtraction	3	Addition and subtraction	15
	Measurement	4	Measure – perimeter	5
	Number – multiplication and division	5	Multiplication and division (1)	11
Textbook B / Practice Book B (Term 2)	Number – multiplication and division	6	Multiplication and division (2)	15
	Measurement	7	Measure – area	5
	Number – fractions (including decimals)	8	Fractions (1)	7
	Number – fractions (including decimals)	9	Fractions (2)	8
	Number – fractions (including decimals)	10	Decimals (1)	10
Textbook C / Practice Book C (Term 3)	Number – fractions (including decimals)	11	Decimals (2)	7
	Measurement	12	Money	9
	Measurement	13	Time	5
	Statistics	14	Statistics	5
	Geometry – properties of shapes	15	Geometry – angles and 2D shapes	10
	Geometry – position and direction	16	Geometry – position and direction	6

Power Maths Year 4, Textbook 4A (Term 1) Overview

Strand 1	Strand 2	Unit		Lesson number	Lesson title	NC Objective 1	NC Objective 2	NC Objective 3
Number – number and place value		Unit 1	Place value – 4-digit numbers (1)	1	Numbers to 1,000	Recognise the place value of each digit in a four-digit number (thousands, hundreds, tens, and ones)		
Number – number and place value		Unit 1	Place value – 4-digit numbers (1)	2	Rounding to the nearest 10	Round any number to the nearest 10, 100 or 1,000		
Number – number and place value		Unit 1	Place value – 4-digit numbers (1)	3	Rounding to the nearest 100	Round any number to the nearest 10, 100 or 1,000		
Number – number and place value		Unit 1	Place value – 4-digit numbers (1)	4	Counting in 1,000s	Count in multiples of 6, 7, 9, 25 and 1,000	Identify, represent and estimate numbers using different representations	
Number – number and place value		Unit 1	Place value – 4-digit numbers (1)	5	Representing 4-digit numbers	Identify, represent and estimate numbers using different representations	Recognise the place value of each digit in a four-digit number (thousands, hundreds, tens, and ones)	
Number – number and place value		Unit 1	Place value – 4-digit numbers (1)	6	1,000s, 100s, 10s and 1s	Recognise the place value of each digit in a four-digit number (thousands, hundreds, tens, and ones)	Identify, represent and estimate numbers using different representations	
Number – number and place value		Unit 1	Place value – 4-digit numbers (1)	7	The number line to 10,000 (1)	Identify, represent and estimate numbers using different representations	Recognise the place value of each digit in a four-digit number (thousands, hundreds, tens, and ones)	

Strand 1	Strand 2	Unit		Lesson number	Lesson title	NC Objective 1	NC Objective 2	NC Objective 3
Number – number and place value		Unit 1	Place value – 4-digit numbers (1)	8	The number line to 10,000 (2)	Order and compare numbers beyond 1,000	Identify, represent and estimate numbers using different representations	Recognise the place value of each digit in a four-digit number (thousands, hundreds, tens, and ones)
Number – number and place value		Unit 1	Place value – 4-digit numbers (1)	9	Roman numerals to 100	Read roman numerals to 100 (i to c) and know that over time, the numeral system changed to include the concept of zero and place value		
Number – number and place value		Unit 2	Place value – 4-digit numbers (2)	1	Finding 1,000 more or less	Find 1,000 more or less than a given number		
Number – number and place value		Unit 2	Place value – 4-digit numbers (2)	2	Comparing 4-digit numbers (1)	Order and compare numbers beyond 1,000	Identify, represent and estimate numbers using different representations	
Number – number and place value		Unit 2	Place value – 4-digit numbers (2)	3	Comparing 4-digit numbers (2)	Order and compare numbers beyond 1,000	Identify, represent and estimate numbers using different representations	
Number – number and place value		Unit 2	Place value – 4-digit numbers (2)	4	Ordering numbers to 10,000	Order and compare numbers beyond 1,000	Identify, represent and estimate numbers using different representations	
Number – number and place value		Unit 2	Place value – 4-digit numbers (2)	5	Rounding to the nearest 1,000	Round any number to the nearest 10, 100 or 1,000		
Number – number and place value		Unit 2	Place value – 4-digit numbers (2)	6	Solving problems using rounding	Solve number and practical problems that involve all of the above and with increasingly large positive numbers		
Number – number and place value		Unit 2	Place value – 4-digit numbers (2)	7	Counting in 25s	Count in multiples of 6, 7, 9, 25 and 1,000		
Number – number and place value	Year 5 Number – number and place value	Unit 2	Place value – 4-digit numbers (2)	8	Negative numbers (1)	Count backwards through zero to include negative numbers	Interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers, including through zero	
Number – number and place value	Year 5 Number – number and place value	Unit 2	Place value – 4-digit numbers (2)	9	Negative numbers (2)	Count backwards through zero to include negative numbers	Interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers, including through zero	
Number – addition and subtraction	Number – number and place value	Unit 3	Addition and subtraction	1	Adding and subtracting 1s, 10s, 100s, 1,000s	Add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate	Solve number and practical problems that involve all of the above and with increasingly large positive numbers	
Number – addition and subtraction		Unit 3	Addition and subtraction	2	Adding two 4-digit numbers (1)	Add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate		
Number – addition and subtraction		Unit 3	Addition and subtraction	3	Adding two 4-digit numbers (2)	Add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate		

Strand 1	Strand 2	Unit		Lesson number	Lesson title	NC Objective 1	NC Objective 2	NC Objective 3
Number – addition and subtraction		Unit 3	Addition and subtraction	4	Adding two 4-digit numbers (3)	Add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate		
Number – addition and subtraction		Unit 3	Addition and subtraction	5	Subtracting two 4-digit numbers (1)	Add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate		
Number – addition and subtraction		Unit 3	Addition and subtraction	6	Subtracting two 4-digit numbers (2)	Add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate		
Number – addition and subtraction		Unit 3	Addition and subtraction	7	Subtracting two 4-digit numbers (3)	Add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate		
Number – addition and subtraction		Unit 3	Addition and subtraction	8	Subtracting two 4-digit numbers (4)	Add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate		
Number – addition and subtraction	Number – number and place value	Unit 3	Addition and subtraction	9	Equivalent difference	Estimate and use inverse operations to check answers to a calculation	Round any number to the nearest 10, 100 or 1,000	
Number – addition and subtraction	Number – number and place value	Unit 3	Addition and subtraction	10	Estimating answers to additions and subtractions	Estimate and use inverse operations to check answers to a calculation	Round any number to the nearest 10, 100 or 1,000	
Number – addition and subtraction		Unit 3	Addition and subtraction	11	Checking strategies	Estimate and use inverse operations to check answers to a calculation		
Number – addition and subtraction		Unit 3	Addition and subtraction	12	Problem solving – addition and subtraction (1)	Solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why		
Number – addition and subtraction		Unit 3	Addition and subtraction	13	Problem solving – addition and subtraction (2)	Solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why		
Number – addition and subtraction		Unit 3	Addition and subtraction	14	Problem solving – addition and subtraction (3)	Solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why		
Number – addition and subtraction		Unit 3	Addition and subtraction	15	Problem solving – addition and subtraction (4)	Solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why		
Measurement		Unit 4	Measure – perimeter	1	Kilometres	Convert between different units of measure [for example, kilometre to metre; hour to minute]		
Measurement		Unit 4	Measure – perimeter	2	Perimeter of a rectangle (1)	Measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres		

Strand 1	Strand 2	Unit		Lesson number	Lesson title	NC Objective 1	NC Objective 2	NC Objective 3
Measurement		Unit 4	Measure – perimeter	3	Perimeter of a rectangle (2)	Measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres		
Measurement		Unit 4	Measure – perimeter	4	Perimeter of rectilinear shapes (1)	Measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres		
Measurement		Unit 4	Measure – perimeter	5	Perimeter of rectilinear shapes (2)	Measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres		
Number – multiplication and division		Unit 5	Multiplication and division (1)	1	Multiplying by multiples of 10 and 100	Recall multiplication and division facts for multiplication tables up to 12 × 12	Use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1; multiplying together three numbers	
Number – multiplication and division		Unit 5	Multiplication and division (1)	2	Dividing by multiples of 10 and 100	Recall multiplication and division facts for multiplication tables up to 12 × 12	Use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1; multiplying together three numbers	
Number – multiplication and division		Unit 5	Multiplication and division (1)	3	Multiplying by 0 and 1	Use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1; multiplying together three numbers		
Number – multiplication and division		Unit 5	Multiplication and division (1)	4	Dividing by 1	Use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1; multiplying together three numbers		
Number – multiplication and division		Unit 5	Multiplication and division (1)	5	Multiplying and dividing by 6	Recall multiplication and division facts for multiplication tables up to 12 × 12		
Number – multiplication and division		Unit 5	Multiplication and division (1)	6	6 times-table	Recall multiplication and division facts for multiplication tables up to 12 × 12		
Number – multiplication and division		Unit 5	Multiplication and division (1)	7	Multiplying and dividing by 9	Recall multiplication and division facts for multiplication tables up to 12 × 12		
Number – multiplication and division		Unit 5	Multiplication and division (1)	8	9 times-table	Recall multiplication and division facts for multiplication tables up to 12 × 12		
Number – multiplication and division	Measurement	Unit 5	Multiplication and division (1)	9	Multiplying and dividing by 7	Recall multiplication and division facts for multiplication tables up to 12 × 12	Solve problems involving converting from hours to minutes; minutes to seconds; years to months; weeks to days.	
Number – multiplication and division		Unit 5	Multiplication and division (1)	10	7 times-table	Recall multiplication and division facts for multiplication tables up to 12 × 12		
Number – multiplication and division		Unit 5	Multiplication and division (1)	11	11 and 12 times-tables	Recall multiplication and division facts for multiplication tables up to 12 × 12		

Power Maths Year 4, yearly overview

Textbook	Strand	Unit		Number of Lessons
Textbook A / Practice Book A (Term 1)	Number – number and place value	1	Place value – 4-digit numbers (1)	9
	Number – number and place value	2	Place value – 4-digit numbers (2)	9
	Number – addition and subtraction	3	Addition and subtraction	15
	Measurement	4	Measure – perimeter	5
	Number – multiplication and division	5	Multiplication and division (1)	11
Textbook B / Practice Book B (Term 2)	Number – multiplication and division	6	Multiplication and division (2)	15
	Measurement	7	Measure – area	5
	Number – fractions (including decimals)	8	Fractions (1)	7
	Number – fractions (including decimals)	9	Fractions (2)	8
	Number – fractions (including decimals)	10	Decimals (1)	10
Textbook C / Practice Book C (Term 3)	Number – fractions (including decimals)	11	Decimals (2)	7
	Measurement	12	Money	9
	Measurement	13	Time	5
	Statistics	14	Statistics	5
	Geometry – properties of shapes	15	Geometry – angles and 2D shapes	10
	Geometry – position and direction	16	Geometry – position and direction	6

Power Maths Year 4, Textbook 4B (Term 2) overview

Strand 1	Strand 2	Unit		Lesson number	Lesson title	NC Objective 1	NC Objective 2
Number – multiplication and division	Year 5 – number – multiplication and division	Unit 6	Multiplication and division (2)	1	Problem solving – addition and multiplication	Solve problems involving multiplying and adding, including using the distributive law to multiply two digit numbers by one digit, integer scaling problems and harder correspondence problems such as *n* objects are connected to *m* objects	Solve problems involving addition, subtraction, multiplication and division and a combination of these, including understanding the meaning of the equals sign
Number – multiplication and division	Year 5 – number – multiplication and division	Unit 6	Multiplication and division (2)	2	Problem solving – mixed problems	Solve problems involving multiplying and adding, including using the distributive law to multiply two digit numbers by one digit, integer scaling problems and harder correspondence problems such as *n* objects are connected to *m* objects	Solve problems involving addition, subtraction, multiplication and division and a combination of these, including understanding the meaning of the equals sign
Number – multiplication and division		Unit 6	Multiplication and division (2)	3	Using written methods to multiply	Multiply two-digit and three-digit numbers by a one-digit number using formal written layout	
Number – multiplication and division		Unit 6	Multiplication and division (2)	4	Multiplying a 2-digit number by a 1-digit number	Multiply two-digit and three-digit numbers by a one-digit number using formal written layout	
Number – multiplication and division		Unit 6	Multiplication and division (2)	5	Multiplying a 3-digit number by a 1-digit number	Multiply two-digit and three-digit numbers by a one-digit number using formal written layout	
Number – multiplication and division		Unit 6	Multiplication and division (2)	6	Problem solving – multiplication	Solve problems involving multiplying and adding, including using the distributive law to multiply two digit numbers by one digit, integer scaling problems and harder correspondence problems such as *n* objects are connected to *m* objects	Multiply two-digit and three-digit numbers by a one-digit number using formal written layout

Strand 1	Strand 2	Unit		Lesson number	Lesson title	NC Objective 1	NC Objective 2
Number – multiplication and division		Unit 6	Multiplication and division (2)	7	Multiplying more than two numbers (1)	Solve problems involving multiplying and adding, including using the distributive law to multiply two digit numbers by one digit, integer scaling problems and harder correspondence problems such as *n* objects are connected to *m* objects	
Number – multiplication and division		Unit 6	Multiplication and division (2)	8	Multiplying more than two numbers (2)	Recognise and use factor pairs and commutativity in mental calculations	
Number – multiplication and division		Unit 6	Multiplication and division (2)	9	Problem solving – mixed correspondence problems	Recognise and use factor pairs and commutativity in mental calculations	
Number – multiplication and division		Unit 6	Multiplication and division (2)	10	Dividing a 2-digit number by a 1-digit number (1)	Recognise and use factor pairs and commutativity in mental calculations	Solve problems involving multiplying and adding, including using the distributive law to multiply two digit numbers by one digit, integer scaling problems and harder correspondence problems such as *n* objects are connected to *m* objects
Number – multiplication and division		Unit 6	Multiplication and division (2)	11	Division with remainders	Multiply two-digit and three-digit numbers by a one-digit number using formal written layout	Use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1; multiplying together three numbers
Number – multiplication and division		Unit 6	Multiplication and division (2)	12	Dividing a 2-digit number by a 1-digit number (2)	Use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1; multiplying together three numbers	
Number – multiplication and division		Unit 6	Multiplication and division (2)	13	Dividing a 2-digit number by a 1-digit number (3)	Use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1; multiplying together three numbers	Multiply two-digit and three-digit numbers by a one-digit number using formal written layout
Number – multiplication and division		Unit 6	Multiplication and division (2)	14	Dividing a 3-digit number by a 1-digit number	Use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1; multiplying together three numbers	
Number – multiplication and division		Unit 6	Multiplication and division (2)	15	Problem solving – division	Solve problems involving multiplying and adding, including using the distributive law to multiply two digit numbers by one digit, integer scaling problems and harder correspondence problems such as *n* objects are connected to *m* objects	
Measurement		Unit 7	Measure – area	1	What is area?	Find the area of rectilinear shapes by counting squares	Estimate, compare and calculate different measures, including money in pounds and pence
Measurement		Unit 7	Measure – area	2	Counting squares (1)	Find the area of rectilinear shapes by counting squares	
Measurement		Unit 7	Measure – area	3	Counting squares (2)	Find the area of rectilinear shapes by counting squares	
Measurement		Unit 7	Measure – area	4	Making shapes	Find the area of rectilinear shapes by counting squares	
Measurement		Unit 7	Measure – area	5	Comparing area	Estimate, compare and calculate different measures, including money in pounds and pence	
Number – fractions (including decimals)		Unit 8	Fractions (1)	1	Tenths and hundredths (1)	Count up and down in hundredths; recognise that hundredths arise when dividing an object by one hundred and dividing tenths by ten	
Number – fractions (including decimals)		Unit 8	Fractions (1)	2	Tenths and hundredths (2)	Count up and down in hundredths; recognise that hundredths arise when dividing an object by one hundred and dividing tenths by ten	

Strand 1	Strand 2	Unit		Lesson number	Lesson title	NC Objective 1	NC Objective 2
Number – fractions (including decimals)		Unit 8	Fractions (1)	3	Equivalent fractions (1)	Recognise and show, using diagrams, families of common equivalent fractions	
Number – fractions (including decimals)		Unit 8	Fractions (1)	4	Equivalent fractions (2)	Recognise and show, using diagrams, families of common equivalent fractions	
Number – fractions (including decimals)		Unit 8	Fractions (1)	5	Simplifying fractions	Recognise and show, using diagrams, families of common equivalent fractions	
Number – fractions (including decimals)		Unit 8	Fractions (1)	6	Fractions greater than 1 (1)	Solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number	
Number – fractions (including decimals)		Unit 8	Fractions (1)	7	Fractions greater than 1 (2)	Solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number	
Number – fractions (including decimals)		Unit 9	Fractions (2)	1	Adding fractions	Add and subtract fractions with the same denominator	
Number – fractions (including decimals)		Unit 9	Fractions (2)	2	Subtracting fractions (1)	Add and subtract fractions with the same denominator	Solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number
Number – fractions (including decimals)		Unit 9	Fractions (2)	3	Subtracting fractions (2)	Add and subtract fractions with the same denominator	Solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number
Number – fractions (including decimals)		Unit 9	Fractions (2)	4	Problem solving – adding and subtracting fractions (1)	Solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number	
Number – fractions (including decimals)		Unit 9	Fractions (2)	5	Problem solving – adding and subtracting fractions (2)	Solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number	
Number – fractions (including decimals)		Unit 9	Fractions (2)	6	Calculating fractions of a quantity	Solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number	
Number – fractions (including decimals)		Unit 9	Fractions (2)	7	Problem solving – fraction of a quantity (1)	Solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number	
Number – fractions (including decimals)		Unit 9	Fractions (2)	8	Problem solving – fraction of a quantity (2)	Solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number	
Number – fractions (including decimals)		Unit 10	Decimals (1)	1	Tenths (1)	Recognise and write decimal equivalents of any number of tenths or hundredths	

Strand 1	Strand 2	Unit		Lesson number	Lesson title	NC Objective 1	NC Objective 2
Number – fractions (including decimals)		Unit 10	Decimals (1)	2	Tenths (2)	Recognise and write decimal equivalents of any number of tenths or hundredths	
Number – fractions (including decimals)		Unit 10	Decimals (1)	3	Tenths (3)	Recognise and write decimal equivalents of any number of tenths or hundredths	Solve simple measure and money problems involving fractions and decimals to two decimal places
Number – fractions (including decimals)		Unit 10	Decimals (1)	4	Dividing by 10 (1)	Find the effect of dividing a one- or two-digit number by 10 and 100, identifying the value of the digits in the answer as ones, tenths and hundredths	
Number – fractions (including decimals)		Unit 10	Decimals (1)	5	Dividing by 10 (2)	Find the effect of dividing a one- or two-digit number by 10 and 100, identifying the value of the digits in the answer as ones, tenths and hundredths	
Number – fractions (including decimals)		Unit 10	Decimals (1)	6	Hundredths (1)	Recognise and write decimal equivalents of any number of tenths or hundredths	Count up and down in hundredths; recognise that hundredths arise when dividing an object by one hundred and dividing tenths by ten
Number – fractions (including decimals)		Unit 10	Decimals (1)	7	Hundredths (2)	Recognise and write decimal equivalents of any number of tenths or hundredths	Count up and down in hundredths; recognise that hundredths arise when dividing an object by one hundred and dividing tenths by ten
Number – fractions (including decimals)		Unit 10	Decimals (1)	8	Hundredths (3)	Find the effect of dividing a one- or two-digit number by 10 and 100, identifying the value of the digits in the answer as ones, tenths and hundredths	Count up and down in hundredths; recognise that hundredths arise when dividing an object by one hundred and dividing tenths by ten
Number – fractions (including decimals)		Unit 10	Decimals (1)	9	Dividing by 100	Find the effect of dividing a one- or two-digit number by 10 and 100, identifying the value of the digits in the answer as ones, tenths and hundredths	
Number – fractions (including decimals)		Unit 10	Decimals (1)	10	Dividing by 10 and 100	Find the effect of dividing a one- or two-digit number by 10 and 100, identifying the value of the digits in the answer as ones, tenths and hundredths	

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Textbook	Strand	Unit		Number of Lessons
Textbook A / Practice Book A (Term 1)	Number – number and place value	1	Place value – 4-digit numbers (1)	9
	Number – number and place value	2	Place value – 4-digit numbers (2)	9
	Number – addition and subtraction	3	Addition and subtraction	15
	Measurement	4	Measure – perimeter	5
	Number – multiplication and division	5	Multiplication and division (1)	11
Textbook B / Practice Book B (Term 2)	Number – multiplication and division	6	Multiplication and division (2)	15
	Measurement	7	Measure – area	5
	Number – fractions (including decimals)	8	Fractions (1)	7
	Number – fractions (including decimals)	9	Fractions (2)	8
	Number – fractions (including decimals)	10	Decimals (1)	10
Textbook C / Practice Book C (Term 3)	Number – fractions (including decimals)	11	Decimals (2)	7
	Measurement	12	Money	9
	Measurement	13	Time	5
	Statistics	14	Statistics	5
	Geometry – properties of shapes	15	Geometry – angles and 2D shapes	10
	Geometry – position and direction	16	Geometry – position and direction	6

Power Maths Year 4, Textbook 4C (Term 3) Overview

Strand 1	Strand 2	Unit		Lesson number	Lesson title	NC Objective 1	NC Objective 2	NC Objective 3
Number – fractions (including decimals)		Unit 11	Decimals (2)	1	Making a whole	Recognise and write decimal equivalents of any number of tenths or hundredths	Add and subtract fractions with the same denominator	
Number – fractions (including decimals)		Unit 11	Decimals (2)	2	Writing decimals	Find the effect of dividing a one- or two-digit number by 10 and 100, identifying the value of the digits in the answer as ones, tenths and hundredths		
Number – fractions (including decimals)		Unit 11	Decimals (2)	3	Comparing decimals	Compare numbers with the same number of decimal places up to two decimal places		
Number – fractions (including decimals)		Unit 11	Decimals (2)	4	Ordering decimals	Compare numbers with the same number of decimal places up to two decimal places		
Number – fractions (including decimals)		Unit 11	Decimals (2)	5	Rounding decimals	Round decimals with one decimal place to the nearest whole number		
Number – fractions (including decimals)		Unit 11	Decimals (2)	6	Halves and quarters	Recognise and write decimal equivalents to $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$		

Strand 1	Strand 2	Unit		Lesson number	Lesson title	NC Objective 1	NC Objective 2	NC Objective 3
Number – fractions (including decimals)		Unit 11	Decimals (2)	7	Problem solving – decimals	Solve simple measure and money problems involving fractions and decimals to two decimal places		
Measurement	Number – fractions (including decimals)	Unit 12	Money	1	Pounds and pence	Estimate, compare and calculate different measures, including money in pounds and pence	Solve simple measure and money problems involving fractions and decimals to two decimal places	
Measurement	Number – fractions (including decimals)	Unit 12	Money	2	Pounds, tenths and hundredths	Estimate, compare and calculate different measures, including money in pounds and pence	Solve simple measure and money problems involving fractions and decimals to two decimal places	
Measurement	Number – fractions (including decimals)	Unit 12	Money	3	Ordering amounts of money	Estimate, compare and calculate different measures, including money in pounds and pence	Solve simple measure and money problems involving fractions and decimals to two decimal places	
Measurement	Number – fractions (including decimals)	Unit 12	Money	4	Rounding money	Estimate, compare and calculate different measures, including money in pounds and pence	Solve simple measure and money problems involving fractions and decimals to two decimal places	
Measurement		Unit 12	Money	5	Using rounding to estimate money	Estimate, compare and calculate different measures, including money in pounds and pence		
Measurement		Unit 12	Money	6	Problem solving – pounds and pence	Estimate, compare and calculate different measures, including money in pounds and pence		
Measurement	Number – fractions (including decimals)	Unit 12	Money	7	Problem solving – multiplication and division	Estimate, compare and calculate different measures, including money in pounds and pence	Solve simple measure and money problems involving fractions and decimals to two decimal places	
Measurement	Number – fractions (including decimals)	Unit 12	Money	8	Solving two-step problems	Estimate, compare and calculate different measures, including money in pounds and pence	Solve simple measure and money problems involving fractions and decimals to two decimal places	
Measurement	Number – fractions (including decimals)	Unit 12	Money	9	Problem solving – money	Estimate, compare and calculate different measures, including money in pounds and pence	Solve simple measure and money problems involving fractions and decimals to two decimal places	
Measurement		Unit 13	Time	1	Units of time (1)	Convert between different units of measure [for example, kilometre to metre; hour to minute]		
Measurement		Unit 13	Time	2	Units of time (2)	Convert between different units of measure [for example, kilometre to metre; hour to minute]		
Measurement		Unit 13	Time	3	Converting times (1)	Convert between different units of measure [for example, kilometre to metre; hour to minute]		

Strand 1	Strand 2	Unit		Lesson number	Lesson title	NC Objective 1	NC Objective 2	NC Objective 3
Measurement		Unit 13	Time	4	Converting times (2)	Convert between different units of measure [for example, kilometre to metre; hour to minute]		
Measurement		Unit 13	Time	5	Problem solving – units of time	Convert between different units of measure [for example, kilometre to metre; hour to minute]		
Statistics		Unit 14	Statistics	1	Charts and tables (1)	Interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs		
Statistics		Unit 14	Statistics	2	Charts and tables (2)	Solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs		
Statistics		Unit 14	Statistics	3	Line graphs (1)	Interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs		
Statistics		Unit 14	Statistics	4	Line graphs (2)	Solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs		
Statistics		Unit 14	Statistics	5	Problem solving – graphs	Solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs		
Geometry – properties of shapes		Unit 15	Geometry – angles and 2D shapes	1	Identifying angles	Identify acute and obtuse angles and compare and order angles up to two right angles by size		
Geometry – properties of shapes		Unit 15	Geometry – angles and 2D shapes	2	Comparing and ordering angles	Identify acute and obtuse angles and compare and order angles up to two right angles by size		
Geometry – properties of shapes		Unit 15	Geometry – angles and 2D shapes	3	Identifying regular and irregular shapes	Compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes		
Geometry – properties of shapes		Unit 15	Geometry – angles and 2D shapes	4	Classifying triangles	Compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes		

Strand 1	Strand 2	Unit		Lesson number	Lesson title	NC Objective 1	NC Objective 2	NC Objective 3
Geometry – properties of shapes		Unit 15	Geometry – angles and 2D shapes	5	Classifying and comparing quadrilaterals	Compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes		
Geometry – properties of shapes		Unit 15	Geometry – angles and 2D shapes	6	Deducing facts about shapes	Compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes		
Geometry – properties of shapes		Unit 15	Geometry – angles and 2D shapes	7	Lines of symmetry inside a shape	Identify lines of symmetry in 2D shapes presented in different orientations		
Geometry – properties of shapes		Unit 15	Geometry – angles and 2D shapes	8	Lines of symmetry outside a shape	Identify lines of symmetry in 2D shapes presented in different orientations		
Geometry – properties of shapes		Unit 15	Geometry – angles and 2D shapes	9	Completing a symmetric figure	Complete a simple symmetric figure with respect to a specific line of symmetry		
Geometry – properties of shapes		Unit 15	Geometry – angles and 2D shapes	10	Completing a symmetric shape	Complete a simple symmetric figure with respect to a specific line of symmetry		
Geometry – position and direction		Unit 16	Geometry – position and direction	1	Describing position (1)	Describe positions on a 2D grid as coordinates in the first quadrant		
Geometry – position and direction		Unit 16	Geometry – position and direction	2	Describing position (2)	Describe positions on a 2D grid as coordinates in the first quadrant		
Geometry – position and direction		Unit 16	Geometry – position and direction	3	Drawing on a grid	Plot specified points and draw sides to complete a given polygon		
Geometry – position and direction		Unit 16	Geometry – position and direction	4	Reasoning on a grid	Describe positions on a 2D grid as coordinates in the first quadrant		
Geometry – position and direction		Unit 16	Geometry – position and direction	5	Moving on a grid	Describe movements between positions as translations of a given unit to the left/right and up/down		
Geometry – position and direction		Unit 16	Geometry – position and direction	6	Describing a movement on a grid	Describe movements between positions as translations of a given unit to the left/right and up/down		