

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		