

Power Maths Year 3, yearly overview

Textbook	Strand	Unit	Number of Lessons	
Textbook A / Practice Book A (Term 1)	Number – number and place value	1	Place value within 1,000	11
	Number – addition and subtraction	2	Addition and subtraction (1)	10
	Number – addition and subtraction	3	Addition and subtraction (2)	9
	Number – multiplication and division	4	Multiplication and division (1)	15
Textbook B / Practice Book B (Term 2)	Number – multiplication and division	5	Multiplication and division (2)	14
	Measurement	6	Money	5
	Statistics	7	Statistics	5
	Measurement	8	Length	11
	Number – fractions	9	Fractions (1)	11
Textbook C / Practice Book C (Term 3)	Number – fractions	10	Fractions (2)	9
	Measurement	11	Time	11
	Geometry – properties of shapes	12	Angles and properties of shapes	9
	Measurement	13	Mass	6
	Measurement	14	Capacity	6

Power Maths Year 3, Textbook 3A (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 within 1,000	1	Counting in 100s	Recognise the place value of each digit in a three-digit number (hundreds, tens, ones)	Read and write numbers up to 1,000 in numerals and in words	Identify, represent and estimate numbers using different representations
Number – number and place value		Unit 1	Place value within 1,000	2	Representing numbers to 1,000	Identify, represent and estimate numbers using different representations	Recognise the place value of each digit in a three-digit number (hundreds, tens, ones)	Read and write numbers up to 1,000 in numerals and in words
Number – number and place value		Unit 1	Place value within 1,000	3	100s, 10s and 1s (1)	Recognise the place value of each digit in a three-digit number (hundreds, tens, ones)	Identify, represent and estimate numbers using different representations	Read and write numbers up to 1,000 in numerals and in words
Number – number and place value		Unit 1	Place value within 1,000	4	100s, 10s and 1s (2)	Recognise the place value of each digit in a three-digit number (hundreds, tens, ones)	Identify, represent and estimate numbers using different representations	Read and write numbers up to 1,000 in numerals and in words
Number – number and place value		Unit 1	Place value within 1,000	5	The number line to 1,000 (1)	Recognise the place value of each digit in a three-digit number (hundreds, tens, ones)	Identify, represent and estimate numbers using different representations	Read and write numbers up to 1,000 in numerals and in words
Number – number and place value		Unit 1	Place value within 1,000	6	The number line to 1,000 (2)	Compare and order numbers up to 1,000	Read and write numbers up to 1,000 in numerals and in words	Recognise the place value of each digit in a three-digit number (hundreds, tens, ones)
Number – number and place value		Unit 1	Place value within 1,000	7	Finding 1, 10 and 100 more or less	Recognise the place value of each digit in a three-digit number (hundreds, tens, ones)	Count from 0 in multiples of 4, 8, 50 and 100; find 10 or 100 more or less than a given number	Identify, represent and estimate numbers using different representations
Number – number and place value		Unit 1	Place value within 1,000	8	Comparing numbers to 1,000 (1)	Compare and order numbers up to 1,000	Identify, represent and estimate numbers using different representations	Read and write numbers up to 1,000 in numerals and in words
Number – number and place value		Unit 1	Place value within 1,000	9	Comparing numbers to 1,000 (2)	Compare and order numbers up to 1,000	Solve number problems and practical problems involving these ideas	Recognise the place value of each digit in a three-digit number (hundreds, tens, ones)
Number – number and place value		Unit 1	Place value within 1,000	10	Ordering numbers to 1,000	Compare and order numbers up to 1,000	Recognise the place value of each digit in a three-digit number (100s, 10s, 1s)	Read and write numbers up to 1000 in numerals and in words
Number – number and place value		Unit 1	Place value within 1,000	11	Counting in 50s	Count from 0 in multiples of 4, 8, 50 and 100; find 10 or 100 more or less than a given number	Solve number problems and practical problems involving these ideas	

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 (2)	5	Subtracting a 3-digit number from a 3-digit number (2)	Add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction	Add and subtract numbers mentally, including: a three-digit number and ones, a three-digit number and tens, a three-digit number and hundreds	Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction
Number – addition and subtraction		Unit 3	Addition and subtraction (2)	6	Estimating answers to additions and subtractions	Estimate the answer to a calculation and use inverse operations to check answers		
Number – addition and subtraction		Unit 3	Addition and subtraction (2)	7	Checking strategies	Estimate the answer to a calculation and use inverse operations to check answers		
Number – addition and subtraction		Unit 3	Addition and subtraction (2)	8	Problem solving – addition and subtraction (1)	Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction		
Number – addition and subtraction		Unit 3	Addition and subtraction (2)	9	Problem solving – addition and subtraction (2)	Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction		
Number – multiplication and division		Unit 4	Multiplication and division (1)	1	Multiplication – equal grouping	Write and calculate mathematical statements for multiplication and division using the multiplication tables that they know, including for two-digit numbers times one-digit numbers, using mental and progressing to formal written methods	Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables	Solve problems, including missing number problems, involving multiplication and division, including positive integer scaling problems and correspondence problems in which n objects are connected to m objects
Number – multiplication and division		Unit 4	Multiplication and division (1)	2	Multiplying by 3	Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables	Solve problems, including missing number problems, involving multiplication and division, including positive integer scaling problems and correspondence problems in which n objects are connected to m objects	Write and calculate mathematical statements for multiplication and division using the multiplication tables that they know, including for two-digit numbers times one-digit numbers, using mental and progressing to formal written methods
Number – multiplication and division		Unit 4	Multiplication and division (1)	3	Dividing by 3	Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables	Write and calculate mathematical statements for multiplication and division using the multiplication tables that they know, including for two-digit numbers times one-digit numbers, using mental and progressing to formal written methods	Solve problems, including missing number problems, involving multiplication and division, including positive integer scaling problems and correspondence problems in which n objects are connected to m objects
Number – multiplication and division		Unit 4	Multiplication and division (1)	4	3 times-table	Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables	Write and calculate mathematical statements for multiplication and division using the multiplication tables that they know, including for two-digit numbers times one-digit numbers, using mental and progressing to formal written methods	Solve problems, including missing number problems, involving multiplication and division, including positive integer scaling problems and correspondence problems in which n objects are connected to m objects
Number – multiplication and division		Unit 4	Multiplication and division (1)	5	Multiplying by 4	Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables	Write and calculate mathematical statements for multiplication and division using the multiplication tables that they know, including for two-digit numbers times one-digit numbers, using mental and progressing to formal written methods	Solve problems, including missing number problems, involving multiplication and division, including positive integer scaling problems and correspondence problems in which n objects are connected to m objects
Number – multiplication and division		Unit 4	Multiplication and division (1)	6	Dividing by 4	Write and calculate mathematical statements for multiplication and division using the multiplication tables that they know, including for two-digit numbers times one-digit numbers, using mental and progressing to formal written methods	Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables	Solve problems, including missing number problems, involving multiplication and division, including positive integer scaling problems and correspondence problems in which n objects are connected to m objects

