Power Maths Year 3, yearly overview

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

Power Maths Year 3, Textbook 3A (Term I) overview

Strand	Unit		Lesson number	Lesson title	NC Objective 1	NC Objective 2
Number – number and place value	Unit 1	Place value within 1,000	1	Represent and partition numbers to 100	Recognise the place value of each digit in a two-digit number (tens, ones) (Year 2)	Identify, represent and estimate numbers using different representations, including the number line
Number – number and place value	Unit 1	Place value within 1,000	2	Number line to 100	Compare and order numbers up to 1,000	Identify, represent and estimate numbers using different representations, including the number line
Number – number and place value	Unit 1	Place value within 1,000	3	100s	Count from 0 in multiples of 4, 8, 50 and 100; find 10 or 100 more or less than a given number	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	4	Represent numbers to 1,000	Identify, represent and estimate numbers using different representations, including the number line	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	5	Partition numbers to 1,000	Recognise the place value of each digit in a three-digit number (100s, 10s, 1s)	Identify, represent and estimate numbers using different representations, including the number line
Number – number and place value	Unit 1	Place value within 1,000	6	Partition numbers to 1,000 flexibly	Recognise the place value of each digit in a three-digit number (100s, 10s, 1s)	
Number – number and place value	Unit 1	Place value within 1,000	7	100s, 10s and 1s	Recognise the place value of each digit in a three-digit number (100s, 10s, 1s)	Identify, represent and estimate numbers using different representations, including the number line
Number – number and place value	Unit 1	Place value within 1,000	8	Use a number line to 1,000	Identify, represent and estimate numbers using different representations, including the number line	Recognise the place value of each digit in a three-digit number (100s, 10s, 1s)
Number – number and place value	Unit 1	Place value within 1,000	9	Estimate on a number line to 1,000	Identify, represent and estimate numbers using different representations, including the number line	
Number – number and place value	Unit 1	Place value within 1,000	10	Find 1, 10 and 100 more or less	Count from 0 in multiples of 4, 8, 50 and 100; find 10 or 100 more or less than a given number	Recognise the place value of each digit in a three-digit number (100s, 10s, 1s)
Number – number and place value	Unit 1	Place value within 1,000	11	Compare 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)
Number – number and place value	Unit 1	Place value within 1,000	12	Order 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)
Number – number and place value	Unit 1	Place value within 1,000	13	Count in 50s	Count from 0 in multiples of 4, 8, 50 and 100; find 10 or 100 more or less than a given number	
Number – addition and subtraction	Unit 2	Addition and subtraction (1)	1	Apply number bonds within 10	Recognise the place value of each digit in a two-digit number (10s, 1s) (Year 2)	Add and subtract numbers mentally, including: a three-digit number and ones, a three-digit number and tens, a three-digit number and hundreds
Number – addition and subtraction	Unit 2	Addition and subtraction (1)	2	Add/subtract 1s	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 2	Addition and subtraction (1)	3	Add/subtract 10s	Add and subtract numbers mentally, including: a three-digit number and ones, a three-digit number and tens, a three-digit number and hundreds	
Number – addition and subtraction	Unit 2	Addition and subtraction (1)	4	Add/subtract 100s	Add and subtract numbers mentally, including: a three-digit number and ones, a three-digit number and tens, a three-digit number and hundreds	

Strand	Unit		Lesson number	Lesson title	NC Objective 1	NC Objective 2
Number – addition and subtraction	Unit 2	Addition and subtraction (1)	5	Spot the pattern	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
Number – addition and subtraction	Unit 2	Addition and subtraction (1)	6	Add 1s across 10	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
Number – addition and subtraction	Unit 2	Addition and subtraction (1)	7	Add 10s across 100	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
Number – addition and subtraction	Unit 2	Addition and subtraction (1)	8	Subtract 1s across 10	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
Number – addition and subtraction	Unit 2	Addition and subtraction (1)	9	Subtract 10s across 100	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
Number – addition and subtraction	Unit 2	Addition and subtraction (1)	10	Making connections	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)	1	Add two numbers	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
Number – addition and subtraction	Unit 3	Addition and subtraction (2)	2	Subtract two numbers	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
Number – addition and subtraction	Unit 3	Addition and subtraction (2)	3	Add two numbers (across 10)	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
Number – addition and subtraction	Unit 3	Addition and subtraction (2)	4	Add two numbers (across 100)	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
Number – addition and subtraction	Unit 3	Addition and subtraction (2)	5	Subtract two numbers (across 10)	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
Number – addition and subtraction	Unit 3	Addition and subtraction (2)	6	Subtract two numbers (across 100)	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
Number – addition and subtraction	Unit 3	Addition and subtraction (2)	7	Add a 3-digit and 2-digit number	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
Number – addition and subtraction	Unit 3	Addition and subtraction (2)	8	Subtract a 2-digit number from a 3-digit number	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

Strand	Unit		Lesson number	Lesson title	NC Objective 1	NC Objective 2
Number – addition and subtraction	Unit 3	Addition and subtraction (2)	9	Complements to 100	Add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction	
Number – addition and subtraction	Unit 3	Addition and subtraction (2)	10	Estimate answers	Estimate the answer to a calculation and use inverse operations to check answers	
Number – addition and subtraction	Unit 3	Addition and subtraction (2)	11	Inverse operations	Estimate the answer to a calculation and use inverse operations to check answers	
Number – addition and subtraction	Unit 3	Addition and subtraction (2)	12	Problem solving (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)	13	Problem solving (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 groups	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
Number – multiplication and division	Unit 4	Multiplication and division (1)	2	Use arrays	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
Number – multiplication and division	Unit 4	Multiplication and division (1)	3	Multiples of 2	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
Number – multiplication and division	Unit 4	Multiplication and division (1)	4	Multiples of 5 and 10	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
Number – multiplication and division	Unit 4	Multiplication and division (1)	5	Sharing and 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
Number – multiplication and division	Unit 5	Multiplication and division (2)	1	Multiply 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

Strand	Unit		Lesson number	Lesson title	NC Objective 1	NC Objective 2
Number – multiplication and division	Unit 5	Multiplication and division (2)	2	Divide 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
Number – multiplication and division	Unit 5	Multiplication and division (2)	3	The 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
Number – multiplication and division	Unit 5	Multiplication and division (2)	4	Multiply 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
Number – multiplication and division	Unit 5	Multiplication and division (2)	5	Divide 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
Number – multiplication and division	Unit 5	Multiplication and division (2)6	6	The 4 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
Number – multiplication and division	Unit 5	Multiplication and division (2)	7	Multiply by 8	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
Number – multiplication and division	Unit 5	Multiplication and division (2)	8	Divide by 8	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
Number – multiplication and division	Unit 5	Multiplication and division (2)	9	The 8 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
Number – multiplication and division	Unit 5	Multiplication and division (2)	10	Problem solving – multiplication and division (1)	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

Strand	Unit		Lesson number	Lesson title	NC Objective 1	NC Objective 2
Number – multiplication and division	Unit 5	Multiplication and division (2)	11	Problem solving – multiplication and division (2)	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 5	Multiplication and division (2)	12	Understand divisibility (1)	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 5	Multiplication and division (2)	13	Understand divisibility (2)	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

Power Maths Year 3, Textbook 3B (Term 2) overview

Strand	Unit	Unit title	Lesson number	Lesson title	NC Objective 1	NC Objective 2
Number – multiplication and division	6	Multiplication and division (3)	1	Multiples of 10	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	6	Multiplication and division (3)	2	Related calculations	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	6	Multiplication and division (3)	3	Reasoning about multiplication	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	6	Multiplication and division (3)	4	Multiply 2-digits by 1-digit – no exchange	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	6	Multiplication and division (3)	5	Multiply 2-digits by 1-digit – exchange	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	6	Multiplication and division (3)	6	Expanded written method	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	

Strand	Unit	Unit title	Lesson number	Lesson title	NC Objective 1	NC Objective 2
Number – multiplication and division	6	Multiplication and division (3)	7	Link multiplication and division	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	6	Multiplication and division (3)	8	Divide 2-digits by 1-digit – no exchange	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	6	Multiplication and division (3)	9	Divide 2-digits by 1-digit –flexible partitioning	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	6	Multiplication and division (3)	10	Divide 2-digits by 1-digit with remainders	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	6	Multiplication and division (3)	11	How many ways?	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	6	Multiplication and division (3)	12	Problem solving – mixed problems (1)	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	6	Multiplication and division (3)	13	Problem solving – mixed problems (2)	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

Strand	Unit	Unit title	Lesson number	Lesson title	NC Objective 1	NC Objective 2
Measurement	7	Length and perimeter	1	Measure in m and cm	Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)	
Measurement	7	Length and perimeter	2	Measure in cm and mm	Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)	
Measurement	7	Length and perimeter	3	Metres, centimetres and millimetres	Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)	
Measurement	7	Length and perimeter	4	Equivalent lengths (m and cm)	Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)	
Measurement	7	Length and perimeter	5	Equivalent lengths (mm and cm)	Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)	
Measurement	7	Length and perimeter	6	Compare lengths	Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)	
Measurement	7	Length and perimeter	7	Add lengths	Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)	
Measurement	7	Length and perimeter	8	Subtract lengths	Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)	
Measurement	7	Length and perimeter	9	Measure perimeter	Measure the perimeter of simple 2D shapes	
Measurement	7	Length and perimeter	10	Calculate perimeter	Measure the perimeter of simple 2D shapes	
Measurement	7	Length and perimeter	11	Problem solving – length	Measure the perimeter of simple 2D shapes	
Number – fractions	8	Fractions (1)	1	Understand the denominator of unit fractions	Recognise and use fractions as numbers: unit fractions and non–unit fractions with small denominators	
Number – fractions	8	Fractions (1)	2	Compare and order unit fractions	Recognise and use fractions as numbers: unit fractions and non–unit fractions with small denominators	
Number – fractions	8	Fractions (1)	3	Understand the numerator of non–unit fractions	Recognise and use fractions as numbers: unit fractions and non–unit fractions with small denominators	
Number – fractions	8	Fractions (1)	4	Understand the whole	Recognise and use fractions as numbers: unit fractions and non–unit fractions with small denominators	

Strand	Unit	Unit title	Lesson number	Lesson title	NC Objective 1	NC Objective 2
Number – fractions	8	Fractions (1)	5	Compare and order non-unit fractions	Compare and order unit fractions, and fractions with the same denominators	
Number – fractions	8	Fractions (1)	6	Divisions on a number line	Compare and order unit fractions, and fractions with the same denominators	
Number – fractions	8	Fractions (1)	7	Count in fractions on a number line	Compare and order unit fractions, and fractions with the same denominators	
Number – fractions	8	Fractions (1)	8	Equivalent fractions as bar models	Recognise and show, using diagrams, equivalent fractions with small denominators	
Number – fractions	8	Fractions (1)	9	Equivalent fractions on a number line	Recognise and show, using diagrams, equivalent fractions with small denominators	
Number – fractions	8	Fractions (1)	10	Equivalent fractions	Recognise and show, using diagrams, equivalent fractions with small denominators	
Measurement	9	Mass	1	Use scales	Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)	
Measurement	9	Mass	2	Measure mass	Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)	
Measurement	9	Mass	3	Measure mass in kilograms and grams	Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)	
Measurement	9	Mass	4	Equivalent masses	Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)	
Measurement	9	Mass	5	Compare mass	Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)	
Measurement	9	Mass	6	Add and subtract mass	Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)	
Measurement	9	Mass	7	Problem solving – mass	Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)	
Measurement	10	Capacity	1	Measure capacity and volume in litres and millilitres	Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)	
Measurement	10	Capacity	2	Measure in litres and millilitres	Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)	
Measurement	10	Capacity	3	Equivalent capacities and volumes (litres and millilitres)	Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)	

Strand	Unit	Unit title	Lesson number	Lesson title	NC Objective 1	NC Objective 2
Measurement	10	Capacity	4	Compare capacity and volume	Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)	
Measurement	10	Capacity	5	Add and subtract capacity and volume	Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)	
Measurement	10	Capacity	6	Problem solving – capacity	Measure, compare, add and subtract: lengths (m/cm/ mm); mass (kg/g); volume/ capacity (l/ml)	

Power Maths Year 3, Textbook 3C (Term 3) overview

Strand	Unit	Unit title	Lesson number	Lesson title	NC Objective 1	NC Objective 2
Number – fractions	11	Fractions (2)	1	Add fractions	Add and subtract fractions with the same denominator within one whole [for example, $\frac{5}{7} + \frac{1}{7} = \frac{6}{7}$]	
Number – fractions	11	Fractions (2)	2	Subtract fractions	Add and subtract fractions with the same denominator within one whole [for example, $\frac{5}{7} + \frac{1}{7} = \frac{6}{7}$]	
Number – fractions	11	Fractions (2)	3	Partition the whole	Add and subtract fractions with the same denominator within one whole [for example, $\frac{5}{7} + \frac{1}{7} = \frac{6}{7}$]	
Number – fractions	11	Fractions (2)	4	Problem solving – add and subtract fractions	Solve problems that involve all of the above	
Number – fractions	11	Fractions (2)	5	Unit fractions of a set of objects	Recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators	
Number – fractions	11	Fractions (2)	6	Non-unit fractions of a set of objects	Recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators	
Number – fractions	11	Fractions (2)	7	Reason with fractions of an amount	Recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators	
Number – fractions	11	Fractions (2)	8	Problem solving – fractions of measures	Solve problems that involve all of the above	
Measurement	12	Money	1	Pounds and pence	Add and subtract amounts of money to give change, using both £ and p in practical contexts	
Measurement	12	Money	2	Convert pounds and pence	Add and subtract amounts of money to give change, using both £ and p in practical contexts	
Measurement	12	Money	3	Add money	Add and subtract amounts of money to give change, using both £ and p in practical contexts	
Measurement	12	Money	4	Subtract money	Add and subtract amounts of money to give change, using both £ and p in practical contexts	
Measurement	12	Money	5	Find change	Add and subtract amounts of money to give change, using both £ and p in practical contexts	

Strand	Unit	Unit title	Lesson number	Lesson title	NC Objective 1	NC Objective 2
Measurement	13	Time	1	Roman numerals to 12	Tell and write the time from an analogue clock, including using Roman numerals from I to XII, and 12-hour and 24-hour clocks	
Measurement	13	Time	2	Tell the time to 5 minutes	Tell and write the time from an analogue clock, including using Roman numerals from I to XII, and 12-hour and 24-hour clocks	
Measurement	13	Time	3	Tell the time to the minute	Tell and write the time from an analogue clock, including using Roman numerals from I to XII, and 12-hour and 24-hour clocks	Estimate and read time with increasing accuracy to the nearest minute; record and compare time in terms of seconds, minutes and hours; use vocabulary such as o'clock, am/pm, morning, afternoon, noon and midnight
Measurement	13	Time	4	Read time on a digital clock	Estimate and read time with increasing accuracy to the nearest minute; record and compare time in terms of seconds, minutes and hours; use vocabulary such as o'clock, am/pm, morning, afternoon, noon and midnight	Tell and write the time from an analogue clock, including using Roman numerals from I to XII, and 12-hour and 24-hour clocks
Measurement	13	Time	5	Use am and pm	Estimate and read time with increasing accuracy to the nearest minute; record and compare time in terms of seconds, minutes and hours; use vocabulary such as o'clock, am/pm, morning, afternoon, noon and midnight	Tell and write the time from an analogue clock, including using Roman numerals from I to XII, and 12-hour and 24-hour clocks
Measurement	13	Time	6	Years, months and days	Know the number of seconds in a minute and the number of days in each month, year and leap year	
Measurement	13	Time	7	Days and hours	Estimate and read time with increasing accuracy to the nearest minute; record and compare time in terms of seconds, minutes and hours; use vocabulary such as o'clock, am/pm, morning, afternoon, noon and midnight	Tell and write the time from an analogue clock, including using Roman numerals from I to XII, and 12-hour and 24-hour clocks

Strand	Unit	Unit title	Lesson number	Lesson title	NC Objective 1	NC Objective 2
Measurement	13	Time	8	Hours and minutes – start and end times	Estimate and read time with increasing accuracy to the nearest minute; record and compare time in terms of seconds, minutes and hours; use vocabulary such as o'clock, am/pm, morning, afternoon, noon and midnight	Compare durations of events [for example to calculate the time taken by particular events or tasks]
Measurement	13	Time	9	Hours and minutes – durations	Compare durations of events [for example to calculate the time taken by particular events or tasks]	Estimate and read time with increasing accuracy to the nearest minute; record and compare time in terms of seconds, minutes and hours; use vocabulary such as o'clock, am/pm, morning, afternoon, noon and midnight
Measurement	13	Time	10	Hours and minutes – compare durations	Estimate and read time with increasing accuracy to the nearest minute; record and compare time in terms of seconds, minutes and hours; use vocabulary such as o'clock, am/pm, morning, afternoon, noon and midnight	Compare durations of events [for example to calculate the time taken by particular events or tasks]
Measurement	13	Time	11	Minutes and seconds	Estimate and read time with increasing accuracy to the nearest minute; record and compare time in terms of seconds, minutes and hours; use vocabulary such as o'clock, am/pm, morning, afternoon, noon and midnight	
Measurement	13	Time	12	Solve problems with time	Estimate and read time with increasing accuracy to the nearest minute; record and compare time in terms of seconds, minutes and hours; use vocabulary such as o'clock, am/pm, morning, afternoon, noon and midnight	
Geometry – properties of shapes	14	Angles and properties of shapes	1	Turns and angles	Recognise angles as a property of shape or a description of a turn	Identify right angles, recognise that two right angles make a half-turn, three make three quarters of a turn and four a complete turn; identify whether angles are greater than or less than a right angle

Strand	Unit	Unit title	Lesson number	Lesson title	NC Objective 1	NC Objective 2
Geometry – properties of shapes	14	Angles and properties of shapes	2	Right angles in shapes	Recognise angles as a property of shape or a description of a turn	Identify right angles, recognise that two right angles make a half-turn, three make three quarters of a turn and four a complete turn; identify whether angles are greater than or less than a right angle
Geometry – properties of shapes	14	Angles and properties of shapes	3	Compare angles	Identify right angles, recognise that two right angles make a half-turn, three make three quarters of a turn and four a complete turn; identify whether angles are greater than or less than a right angle	Recognise angles as a property of shape or a description of a turn
Geometry – properties of shapes	14	Angles and properties of shapes	4	Measure and draw accurately	Draw 2D shapes and make 3D shapes using modelling materials; recognise 3D shapes in different orientations and describe them	Identify horizontal and vertical lines and pairs of perpendicular and parallel lines
Geometry – properties of shapes	14	Angles and properties of shapes	5	Horizontal and vertical	Identify horizontal and vertical lines and pairs of perpendicular and parallel lines	
Geometry – properties of shapes	14	Angles and properties of shapes	6	Parallel and perpendicular	Identify horizontal and vertical lines and pairs of perpendicular and parallel lines	
Geometry – properties of shapes	14	Angles and properties of shapes	7	Recognise, draw and describe 2D shapes	Draw 2D shapes and make 3D shapes using modelling materials; recognise 3-D shapes in different orientations and describe them	
Geometry – properties of shapes	14	Angles and properties of shapes	8	Recognise and describe 3D shapes	Draw 2D shapes and make 3D shapes using modelling materials; recognise 3-D shapes in different orientations and describe them	
Geometry – properties of shapes	14	Angles and properties of shapes	9	Make 3D shapes	Draw 2D shapes and make 3D shapes using modelling materials; recognise 3-D shapes in different orientations and describe them	
Statistics	15	Statistics	1	Interpret pictograms (1)	Interpret and present data using bar charts, pictograms and tables	Solve one-step and two-step questions [for example, 'How many more?' and 'How many fewer?'] using information presented in scaled bar charts and pictograms and tables
Statistics	15	Statistics	2	Interpret pictograms (2)	Interpret and present data using bar charts, pictograms and tables	

Strand	Unit	Unit title	Lesson number	Lesson title	NC Objective 1	NC Objective 2
Statistics	15	Statistics	3	Draw pictograms	Interpret and present data using bar charts, pictograms and tables	Solve one-step and two-step questions [for example, 'How many more?' and 'How many fewer?'] using information presented in scaled bar charts and pictograms and tables
Statistics	15	Statistics	4	Interpret bar charts (1)	Interpret and present data using bar charts, pictograms and tables	
Statistics	15	Statistics	5	Interpret bar charts (2)	Interpret and present data using bar charts, pictograms and tables	Solve one-step and two-step questions [for example, 'How many more?' and 'How many fewer?'] using information presented in scaled bar charts and pictograms and tables
Statistics	15	Statistics	6	Collect and represent data in a bar chart	Interpret and present data using bar charts, pictograms and tables	
Statistics	15	Statistics	7	Simple two-way tables	Interpret and present data using bar charts, pictograms and tables	