Power Maths Reception, yearly overview

Autumn term

Strand	Unit		Week	Week title	Early Learning Goal
Number – number and place value	Unit 1	Numbers to 5	1	Counting to 1, 2 and 3	Have a deep understanding of number to 10, including the composition of each number. Subitise (recognise quantities without counting) up to 5. Recognise the pattern of the counting system.
			2	Counting to 4	
			3	Counting to 5	
Number – number and place value	Unit 2	Comparing groups within 5	4	Comparing quantities of identical objects	Compare quantities up to 10 in different contexts, recognising when one quantity is greater than, less than or the same as the other quantity. Subitise (recognise quantities without counting) up to 5.
			5	Comparing quantities of non-identical objects	
Geometry – properties of shape	Unit 3	Shape	6	3D shapes	*There is no specific ELG related to this unit. This unit supports the Development Matters statement Select, rotate and manipulate shapes in order to develop spatial reasoning.*
			7	2D shapes	
Number – addition and subtraction	Unit 4	Change within 5	8	One more	Compare quantities up to 10 in different contexts, recognising when one quantity is greater than, less than or the same as the other quantity.
			9	One less	
Number – addition and subtraction	Unit 5	Number bonds within 5	10	Introducing the part-whole model	Have a deep understanding of number to 10, including the composition of each number. Automatically recall (without reference to rhymes, counting or other aids) number bonds up to 5 and some number bonds to 10, including double facts.
Geometry – properties of shape	Unit 6	Space	11	Spatial awareness	*There is no specific ELG related to this unit. This unit supports the Development Matters statement Select, rotate and manipulate shapes in order to develop spatial reasoning skills.*

Spring term

Strand	Unit		Week	Week title	Early Learning Goal
Number – number and place value	Unit 7	Numbers to 10	1	Counting to 6, 7 and 8	Have a deep understanding of number to 10, including the composition of each number. Subitise (recognise quantities without counting) up to 5. Verbally count, (recognising the pattern of the counting system).
			2	Counting to 9 and 10	
Number – number and place value	Unit 8	Comparing numbers within 10	3	Comparing groups up to 10	Have a deep understanding of number to 10, including the composition of each number. Subitise (recognise quantities without counting) up to 5. Compare quantities up to 10 in different contexts, (recognising when one quantity is greater than, less than or the same as the other quantity).
Number – addition and subtraction	Unit 9	Addition to 10	4	Combining 2 groups to find the whole	Have a deep understanding of number to 10, including the composition of each number. Subitise (recognise quantities without counting) up to 5. Automatically recall (without reference to rhymes, counting or other aids) number bonds up to 5 (including subtraction facts) and some number bonds to 10, including double facts. Compare quantities up to 10 in different contexts, recognising when one quantity is greater than, less than or the same as the other quantity.

Spring term continued

Strand	Unit		Week	Week title	Early Learning Goal
Number – number and place value	Unit 10	Measure	5	Length, height and distance	Compare quantities up to 10 in different contexts, recognising when one quantity is greater than, less than or the same as the other quantity.
			6	Weight	
Number – addition and subtraction	Unit 11	Number bonds to 10	7	Using a ten frame	Have a deep understanding,of number to 10, including the composition of each number. Subitise (recognise quantities without counting) up to 5. Automatically recall (without reference to rhymes, counting or other aids) number bonds up to 5 (including subtraction facts) and some number bonds to 10, including double facts.
			8	The part-whole model to 10	
Number – addition and subtraction	Unit 12	Subtraction	9	Subtraction	Have a deep understanding of number to 10, including the composition of each number.
Geometry – properties of shape	Unit 13	Exploring patterns	10	Making simple patterns	*There is no specific ELG related to this unit. This unit supports the Development Matters statement Continue, copy and create repeating patterns.*
			11	Exploring more complex patterns	

Summer term

Strand	Unit		Week	Week title	Early Learning Goal
Number – addition and subtraction	Unit 14	Counting on and counting back	1	Adding by counting on	Have a deep understanding of number to 10, including the composition of each number.
			2	Taking away by counting back	
Number – number and place value	Unit 15	Numbers to 20	3	Counting to and from 20	Verbally count beyond 20, recognising the pattern of the counting system.
Number – multiplication and division	Unit 16	Numerical patterns	4	Doubling	Explore and represent patterns within numbers up to 10, including evens and odds, double facts and how quantities can be distributed equally.
			5	Halving and sharing	
			6	Odds and evens	
Geometry – properties of shape	Unit 17	Shape	7	Composing and decomposing shapes	*There is no specific ELG related to this unit. This unit supports the Development Matters statement Select, rotate and manipulate shapes in order to develop spatial reasoning.*
Number – number and place value	Unit 18	Measure	8	Volume and capacity	Compare quantities up to 10 in different contexts, recognising when one quantity is greater than, less than or the same as the other quantity.
Number – addition and subtraction	Unit 19 (Optional)	Sorting	9	Sorting into 2 groups	*This unit is optional because sorting is not covered in the EYFS Framework or Development Matters guidance for Reception. It does provide an introduction to the concept of sorting, which will be useful in Year 1.*
Measurement	Unit 20 (Optional)	Time	10	My day	*This unit is optional because time is not covered in the EYFS Framework or Development Matters guidance for Reception. It does provide a useful introduction to time, which will be covered in Year 1.*

Power Maths Year 1, yearly overview

Textbook	Strand	Unit	Number of Lessons	
Textbook A / Practice Pupil Book A (Term 1)	Number – number and place value	1	Numbers to 10	12
	Number – number and place value	2	Part-whole within 10	5
	Number – addition and subtraction	3	Addition and subtraction within 10 (1)	6
	Number – addition and subtraction	4	Addition and subtraction within 10 (2)	12
	Geometry – properties of shape	5	2D and 3D shapes	5
	Number – number and place value	6	Numbers to 20	7
Textbook B / Practice Pupil Book B (Term 2)	Number – addition and subtraction	7	Addition within 20	6
	Number – addition and subtraction	8	Subtraction within 20	8
	Number – number and place value	9	Numbers to 50	11
	Measurement	10	Introducing length and height	5
	Measurement	11	Introducing weight and volume	7
Textbook C / Practice Pupil Book C (Term 3)	Number – multiplication and division	12	Multiplication	6
	Number – multiplication and division	13	Division	5
	Number – fractions	14	Halves and quarters	5
	Geometry – position and direction	15	Position and direction	3
	Number – number and place value	16	Numbers to 100	9
	Measurement	17	Time	7
	Measurement	18	Money	3

Power Maths Year 1, Textbook 1A (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	Numbers to 10	1	Sorting objects	Identify and represent numbers using concrete objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least		
Number - number and place value		Unit 1	Numbers to 10	2	Counting objects to 10	Count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number	Identify and represent numbers using concrete objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least	
Number - number and place value		Unit 1	Numbers to 10	3	Counting and writing numbers to 10	Count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number	Count, read and write numbers to 100 in numerals; count in multiples of twos, fives and tens	Read and write numbers from 1 to 20 in numerals and words
Number - number and place value		Unit 1	Numbers to 10	4	Counting backwards from 10 to 0	Count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number		
Number - number and place value		Unit 1	Numbers to 10	5	Counting one more	Given a number, identify one more and one less	Identify and represent numbers using concrete objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least	Count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number
Number - number and place value		Unit 1	Numbers to 10	6	Counting one less	Given a number, identify one more and one less	Identify and represent numbers using concrete objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least	Count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number
Number - number and place value		Unit 1	Numbers to 10	7	Comparing groups	Identify and represent numbers using concrete objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least		
Number - number and place value		Unit 1	Numbers to 10	8	Comparing numbers of objects	Identify and represent numbers using concrete objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least		
Number - number and place value		Unit 1	Numbers to 10	9	Comparing numbers	Identify and represent numbers using concrete objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least		
Number - number and place value		Unit 1	Numbers to 10	10	Ordering objects and numbers	Identify and represent numbers using concrete objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least		
Number - number and place value		Unit 1	Numbers to 10	11	First, second, third…	Identify and represent numbers using concrete objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least		
Number - number and place value		Unit 1	Numbers to 10	12	The number line	Identify and represent numbers using concrete objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least		
Number - addition and subtraction		Unit 2	Part-whole within 10	1	The part-whole model (1)	Represent and use number bonds and related subtraction facts within 20		
Number - addition and subtraction		Unit 2	Part-whole within 10	2	The part-whole model (2)	Read, write and interpret mathematical statements involving addition (+), subtraction (–) and equals (=) signs	Represent and use number bonds and related subtraction facts within 20	

Strand 1	Strand 2	Unit		Lesson number	Lesson title	NC Objective 1	NC Objective 2	NC Objective 3
Number - addition and subtraction		Unit 2	Part-whole within 10	3	Related facts – number bonds	Read, write and interpret mathematical statements involving addition (+), subtraction (–) and equals (=) signs	Represent and use number bonds and related subtraction facts within 20	
Number - addition and subtraction		Unit 2	Part-whole within 10	4	Finding number bonds	Represent and use number bonds and related subtraction facts within 20		
Number - addition and subtraction		Unit 2	Part-whole within 10	5	Comparing number bonds	Represent and use number bonds and related subtraction facts within 20		
Number - addition and subtraction		Unit 3	Addition and subtraction within 10 (1)	1	Finding the whole – adding together	Represent and use number bonds and related subtraction facts within 20		
Number - addition and subtraction		Unit 3	Addition and subtraction within 10 (1)	2	Finding the whole – adding more	Represent and use number bonds and related subtraction facts within 20		
Number - addition and subtraction		Unit 3	Addition and subtraction within 10 (1)	3	Finding a part	Represent and use number bonds and related subtraction facts within 20		
Number - addition and subtraction		Unit 3	Addition and subtraction within 10 (1)	4	Finding and making number bonds	Represent and use number bonds and related subtraction facts within 20		
Number - addition and subtraction		Unit 3	Addition and subtraction within 10 (1)	5	Finding addition facts	Represent and use number bonds and related subtraction facts within 20	Read, write and interpret mathematical statements involving addition (+), subtraction (–) and equals (=) signs	
Number - addition and subtraction		Unit 3	Addition and subtraction within 10 (1)	6	Solving word problems – addition	Solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as 7 = _ – 9.	Represent and use number bonds and related subtraction facts within 20	
Number - addition and subtraction		Unit 4	Addition and subtraction within 10 (2)	1	Subtraction – how many are left? (1)	Represent and use number bonds and related subtraction facts within 20	Solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as 7 = _ – 9.	
Number - addition and subtraction		Unit 4	Addition and subtraction within 10 (2)	2	Subtraction – how many are left? (2)	Represent and use number bonds and related subtraction facts within 20	Solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as 7 = _ – 9.	
Number - addition and subtraction		Unit 4	Addition and subtraction within 10 (2)	3	Subtraction – breaking apart (1)	Represent and use number bonds and related subtraction facts within 20		
Number - addition and subtraction		Unit 4	Addition and subtraction within 10 (2)	4	Subtraction – breaking apart (2)	Represent and use number bonds and related subtraction facts within 20		
Number - addition and subtraction		Unit 4	Addition and subtraction within 10 (2)	5	Related facts – addition and subtraction (1)	Represent and use number bonds and related subtraction facts within 20		
Number - addition and subtraction		Unit 4	Addition and subtraction within 10 (2)	6	Related facts – addition and subtraction (2)	Represent and use number bonds and related subtraction facts within 20		
Number - addition and subtraction		Unit 4	Addition and subtraction within 10 (2)	7	Subtraction – counting back	Solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as 7 = _ – 9.	Read, write and interpret mathematical statements involving addition (+), subtraction (–) and equals (=) signs	Add and subtract one-digit and two-digit numbers to 20, including zero
Number - addition and subtraction		Unit 4	Addition and subtraction within 10 (2)	8	Subtraction – finding the difference	Solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as 7 = _ – 9.	Read, write and interpret mathematical statements involving addition (+), subtraction (–) and equals (=) signs	Add and subtract one-digit and two-digit numbers to 20, including zero
Number - addition and subtraction		Unit 4	Addition and subtraction within 10 (2)	9	Solving word problems – subtraction	Solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as 7 = _ – 9.	Read, write and interpret mathematical statements involving addition (+), subtraction (–) and equals (=) signs	Add and subtract one-digit and two-digit numbers to 20, including zero
Number - addition and subtraction		Unit 4	Addition and subtraction within 10 (2)	10	Comparing additions and subtractions (1)	Read, write and interpret mathematical statements involving addition (+), subtraction (–) and equals (=) signs	One-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as 7 = _ – 9.	

Strand 1	Strand 2	Unit		Lesson number	Lesson title	NC Objective 1	NC Objective 2	NC Objective 3
Number - addition and subtraction		Unit 4	Addition and subtraction within 10 (2)	11	Comparing additions and subtractions (2)	Read, write and interpret mathematical statements involving addition (+), subtraction (–) and equals (=) signs	Solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as 7 = _ – 9.	
Number - addition and subtraction		Unit 4	Addition and subtraction within 10 (2)	12	Solving word problems – addition and subtraction	Solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as 7 = _ – 9.	Read, write and interpret mathematical statements involving addition (+), subtraction (–) and equals (=) signs	Add and subtract one-digit and two-digit numbers to 20, including zero
Geometry - properties of shape		Unit 5	2D and 3D shapes	1	Naming 3D shapes (1)	Recognise and name common 2-D and 3-D shapes, including: 3-D shapes [for example, cuboids (including cubes), pyramids and spheres]		
Geometry - properties of shape		Unit 5	2D and 3D shapes	2	Naming 3D shapes (2)	Recognise and name common 2-D and 3-D shapes, including: 3-D shapes [for example, cuboids (including cubes), pyramids and spheres]		
Geometry - properties of shape		Unit 5	2D and 3D shapes	3	Naming 2D shapes (1)	Recognise and name common 2-D and 3-D shapes, including: 2-D shapes [for example, rectangles (including squares), circles and triangles]		
Geometry - properties of shape		Unit 5	2D and 3D shapes	4	Naming 2D shapes (2)	Recognise and name common 2-D and 3-D shapes, including: 2-D shapes [for example, rectangles (including squares), circles and triangles]		
Geometry - properties of shape	Number - number and place value	Unit 5	2D and 3D shapes	5	Making patterns with shapes	Recognise and name common 2-D and 3-D shapes, including: 2-D shapes [for example, rectangles (including squares), circles and triangles]; 3-D shapes [for example, cuboids (including cubes), pyramids and spheres].	Recognise and create repeating patterns with objects and with shapes.	
Number - number and place value		Unit 6	Numbers to 20	1	Counting and writing numbers to 20	Count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number	Identify and represent numbers using concrete objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least	
Number - number and place value		Unit 6	Numbers to 20	2	Tens and ones (1)	Identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least	Recognise the place value of each digit in a two-digit number (tens, ones) (year 2)	
Number - number and place value		Unit 6	Numbers to 20	3	Tens and ones (2)	Identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least	Recognise the place value of each digit in a two-digit number (tens, ones) (year 2)	
Number - number and place value		Unit 6	Numbers to 20	4	Counting one more, one less	Identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least	Given a number, identify one more and one less	
Number - number and place value		Unit 6	Numbers to 20	5	Comparing numbers of objects	Identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least		
Number - number and place value		Unit 6	Numbers to 20	6	Comparing numbers	Identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least	Compare and order numbers from 0 up to 100; use <, > and = signs (year 2)	
Number - number and place value		Unit 6	Numbers to 20	7	Ordering objects and numbers	Identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least	Compare and order numbers from 0 up to 100; use <, > and = signs (year 2)	

Power Maths Year I, Textbook IB (Term 2) overview

Strand 1	Strand 2	Unit		Lesson number	Lesson title	NC Objective 1	NC Objective 2	NC Objective 3
Number – addition and subtraction		Unit 7	Addition within 20	1	Add by counting on	Add and subtract 1-digit and 2-digit numbers to 20, including zero		
Number – addition and subtraction		Unit 7	Addition within 20	2	Adding ones	Represent and use number bonds and related subtraction facts within 20	Add and subtract 1-digit and 2-digit numbers to 20, including zero	
Number – addition and subtraction		Unit 7	Addition within 20	3	Finding number bonds	Represent and use number bonds and related subtraction facts within 20	Add and subtract 1-digit and 2-digit numbers to 20, including zero	
Number – addition and subtraction		Unit 7	Addition within 20	4	Add by making 10 (1)	Represent and use number bonds and related subtraction facts within 20	Add and subtract 1-digit and 2-digit numbers to 20, including zero	
Number – addition and subtraction		Unit 7	Addition within 20	5	Add by making 10 (2)	Represent and use number bonds and related subtraction facts within 20	Add and subtract 1-digit and 2-digit numbers to 20, including zero	
Number – addition and subtraction		Unit 7	Addition within 20	6	Solving word problems – addition	Solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as 7 = ? – 9		
Number – addition and subtraction		Unit 8	Subtraction within 20	1	Subtracting ones	Represent and use number bonds and related subtraction facts within 20	Add and subtract 1-digit and 2-digit numbers to 20, including zero	
Number – addition and subtraction		Unit 8	Subtraction within 20	2	Subtracting tens and ones	Represent and use number bonds and related subtraction facts within 20	Add and subtract 1-digit and 2-digit numbers to 20, including zero	
Number – addition and subtraction		Unit 8	Subtraction within 20	3	Subtraction – crossing the 10 (1)	Add and subtract 1-digit and 2-digit numbers to 20, including zero	Represent and use number bonds and related subtraction facts within 20	
Number – addition and subtraction		Unit 8	Subtraction within 20	4	Subtraction – crossing the 10 (2)	Add and subtract 1-digit and 2-digit numbers to 20, including zero	Represent and use number bonds and related subtraction facts within 20	
Number – addition and subtraction		Unit 8	Subtraction within 20	5	Solving word and picture problems – subtraction	Solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as 7 = ? – 9		
Number – addition and subtraction		Unit 8	Subtraction within 20	6	Addition and subtraction facts to 20	Represent and use number bonds and related subtraction facts within 20		
Number – addition and subtraction		Unit 8	Subtraction within 20	7	Comparing additions and subtractions	Read, write and interpret mathematical statements involving addition (+), subtraction (–) and equals (=) signs	Solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as 7 = ? – 9	
Number – addition and subtraction		Unit 8	Subtraction within 20	8	Solving word and picture problems – addition and subtraction	Solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as 7 = ? – 9		
Number – number and place value		Unit 9	Numbers to 50	1	Counting to 50 (1)	Count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number		
Number – number and place value		Unit 9	Numbers to 50	2	Counting to 50 (2)	Count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number		
Number – number and place value		Unit 9	Numbers to 50	3	Tens and ones	Identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least	(Year 2) recognise the place value of each digit in a 2-digit number (tens, ones)	
Number – number and place value		Unit 9	Numbers to 50	4	Representing numbers to 50	Identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least		

Strand 1	Strand 2	Unit		Lesson number	Lesson title	NC Objective 1	NC Objective 2	NC Objective 3
Number – number and place value		Unit 9	Numbers to 50	5	Comparing numbers of objects	Given a number, identify one more and one less	Identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least	(Year 2) compare and order numbers from 0 up to 100; use <, > and = signs
Number – number and place value		Unit 9	Numbers to 50	6	Comparing numbers	Identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least		
Number – number and place value		Unit 9	Numbers to 50	7	Ordering objects and numbers	Identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least	(Year 2) compare and order numbers from 0 up to 100; use <, > and = signs	
Number – number and place value		Unit 9	Numbers to 50	8	Counting in 2s	Count, read and write numbers to 100 in numerals; count in multiples of 2s, 5s and 10s		
Number – number and place value		Unit 9	Numbers to 50	9	Counting in 5s	Count, read and write numbers to 100 in numerals; count in multiples of 2s, 5s and 10s		
Number – addition and subtraction		Unit 9	Numbers to 50	10	Solving word problems – addition and subtraction (1)	Solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as 7 = ? – 9		
Number – addition and subtraction		Unit 9	Numbers to 50	11	Solving word problems – addition and subtraction (2)	Solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as 7 = ? – 9		
Measurement		Unit 10	Introducing length and height	1	Comparing lengths and heights	Compare, describe and solve practical problems for: lengths and heights [for example, long/short, longer/shorter, tall/short, double/half]		
Measurement		Unit 10	Introducing length and height	2	Non-standard units of measure (1)	Measure and begin to record the following: lengths and heights		
Measurement		Unit 10	Introducing length and height	3	Non-standard units of measure (2)	Measure and begin to record the following: lengths and heights		
Measurement		Unit 10	Introducing length and height	4	Measuring length using a ruler	Measure and begin to record the following: lengths and heights		
Measurement	Number – addition and subtraction	Unit 10	Introducing length and height	5	Solving word problems – length	Compare, describe and solve practical problems for: lengths and heights [for example, long/short, longer/shorter, tall/short, double/half]	Solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as 7 = ? – 9	
Measurement		Unit 11	Introducing weight and volume	1	Comparing weight	Compare, describe and solve practical problems for: mass/weight [for example, heavy/light, heavier than, lighter than]		
Measurement		Unit 11	Introducing weight and volume	2	Measuring weight	Measure and begin to record the following: mass/weight		
Measurement		Unit 11	Introducing weight and volume	3	Comparing weight using measuring	Compare, describe and solve practical problems for: mass/weight [for example, heavy/light, heavier than, lighter than]		

Strand 1	Strand 2	Unit		Lesson number	Lesson title	NC Objective 1	NC Objective 2	NC Objective 3
Measurement		Unit 11	Introducing weight and volume	4	Comparing capacity	Compare, describe and solve practical problems for: capacity and volume [for example, full/empty, more than, less than, half, half full, quarter]		
Measurement		Unit 11	Introducing weight and volume	5	Measuring capacity	Measure and begin to record the following: capacity and volume	Compare, describe and solve practical problems for: capacity and volume [for example, full/empty, more than, less than, half, half full, quarter]	
Measurement		Unit 11	Introducing weight and volume	6	Comparing capacity using measuring	Compare, describe and solve practical problems for: capacity and volume [for example, full/empty, more than, less than, half, half full, quarter]	Measure and begin to record the following: capacity and volume	
Measurement	Number – addition and subtraction	Unit 11	Introducing weight and volume	7	Solving word problems – weight and capacity	Compare, describe and solve practical problems for: capacity and volume [for example, full/empty, more than, less than, half, half full, quarter]	Solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as 7 = ? – 9	

Power Maths Year I, Textbook IC (Term 3) 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 12	Multiplication	1	Counting in 10s, 5s and 2s	Count, read and write numbers to 100 in numerals; count in multiples of 2s, 5s and 10s		
Number – multiplication and division		Unit 12	Multiplication	2	Making equal groups	Solve one-step problems involving multiplication and division, by calculating the answer using concrete objects, pictorial representations and arrays with the support of the teacher		
Number – multiplication and division		Unit 12	Multiplication	3	Adding equal groups	Solve one-step problems involving multiplication and division, by calculating the answer using concrete objects, pictorial representations and arrays with the support of the teacher		
Number – multiplication and division		Unit 12	Multiplication	4	Making simple arrays	Solve one-step problems involving multiplication and division, by calculating the answer using concrete objects, pictorial representations and arrays with the support of the teacher		
Number – multiplication and division		Unit 12	Multiplication	5	Making doubles	Solve one-step problems involving multiplication and division, by calculating the answer using concrete objects, pictorial representations and arrays with the support of the teacher	Non-statutory guidance: Through grouping and sharing small quantities, pupils begin to understand: multiplication and division; doubling numbers and quantities; and finding simple fractions of objects, numbers and quantities	
Number – multiplication and division		Unit 12	Multiplication	6	Solving word problems – multiplication	Solve one-step problems involving multiplication and division, by calculating the answer using concrete objects, pictorial representations and arrays with the support of the teacher		
Number – multiplication and division		Unit 13	Division	1	Making equal groups (1)	Solve one-step problems involving multiplication and division, by calculating the answer using concrete objects, pictorial representations and arrays with the support of the teacher		
Number – multiplication and division		Unit 13	Division	2	Making equal groups (2)	Solve one-step problems involving multiplication and division, by calculating the answer using concrete objects, pictorial representations and arrays with the support of the teacher		
Number – multiplication and division		Unit 13	Division	3	Sharing equally (1)	Solve one-step problems involving multiplication and division, by calculating the answer using concrete objects, pictorial representations and arrays with the support of the teacher		
Number – multiplication and division		Unit 13	Division	4	Sharing equally (2)	Solve one-step problems involving multiplication and division, by calculating the answer using concrete objects, pictorial representations and arrays with the support of the teacher		

Strand 1	Strand 2	Unit		Lesson number	Lesson title	NC Objective 1	NC Objective 2	NC Objective 3
Number – multiplication and division		Unit 13	Division	5	Solving word problems – division	Solve one-step problems involving multiplication and division, by calculating the answer using concrete objects, pictorial representations and arrays with the support of the teacher		
Number – fractions		Unit 14	Halves and quarters	1	Finding halves (1)	Recognise, find and name a half as one of two equal parts of an object, shape or quantity		
Number – fractions		Unit 14	Halves and quarters	2	Finding halves (2)	Recognise, find and name a half as one of two equal parts of an object, shape or quantity		
Number – fractions		Unit 14	Halves and quarters	3	Finding quarters (1)	Recognise, find and name a quarter as one of four equal parts of an object, shape or quantity		
Number – fractions		Unit 14	Halves and quarters	4	Finding quarters (2)	Recognise, find and name a quarter as one of four equal parts of an object, shape or quantity		
Number – fractions		Unit 14	Halves and quarters	5	Solving word problems – halves and quarters	Recognise, find and name a half as one of two equal parts of an object, shape or quantity	Recognise, find and name a quarter as one of four equal parts of an object, shape or quantity.	
Geometry – position and direction		Unit 15	Position and direction	1	Describing turns	Describe position, direction and movement, including whole, half, quarter and three-quarter turns.		
Geometry – position and direction		Unit 15	Position and direction	2	Describing positions (1)	Describe position, direction and movement, including whole, half, quarter and three-quarter turns	Non-statutory guidance: Pupils use the language of position, direction and motion, including: left and right, top, middle and bottom, on top of, in front of, above, between, around, near, close and far, up and down, forwards and backwards, inside and outside.	
Geometry – position and direction		Unit 15	Position and direction	3	Describing positions (2)	Describe position, direction and movement, including whole, half, quarter and three-quarter turns	Non-statutory guidance: Pupils use the language of position, direction and motion, including: left and right, top, middle and bottom, on top of, in front of, above, between, around, near, close and far, up and down, forwards and backwards, inside and outside.	
Number – number and place value		Unit 16	Numbers to 100	1	Counting to 100	Count, read and write numbers to 100 in numerals; count in multiples of 2s, 5s and 10s	Identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least	Count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number
Number – number and place value		Unit 16	Numbers to 100	2	Exploring number patterns	Count, read and write numbers to 100 in numerals; count in multiples of 2s, 5s and 10s	Given a number, identify one more and one less	
Number – number and place value		Unit 16	Numbers to 100	3	Partitioning numbers (1)	Identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least	(Year 2) Recognise the place value of each digit in a 2-digit number (tens, ones)	
Number – number and place value		Unit 16	Numbers to 100	4	Partitioning numbers (2)	Identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least	(Year 2) Recognise the place value of each digit in a 2-digit number (tens, 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 16	Numbers to 100	5	Comparing numbers (1)	Identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least		
Number – number and place value		Unit 16	Numbers to 100	6	Comparing numbers (2)	Identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least		
Number – number and place value		Unit 16	Numbers to 100	7	Ordering numbers	Identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least		
Number – addition and subtraction		Unit 16	Numbers to 100	8	Bonds to 100 (1)	Represent and use number bonds and related subtraction facts within 20	(Year 2) Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100	
Number – addition and subtraction		Unit 16	Numbers to 100	9	Bonds to 100 (2)	Represent and use number bonds and related subtraction facts within 20	(Year 2) Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100	
Measurement		Unit 17	Time	1	Using before and after	Sequence events in chronological order using language [for example, before and after, next, first, today, yesterday, tomorrow, morning, afternoon and evening]		
Measurement		Unit 17	Time	2	Using a calendar	Recognise and use language relating to dates, including days of the week, weeks, months and years		
Measurement		Unit 17	Time	3	Telling time to the hour	Tell the time to the hour and half past the hour and draw the hands on a clock face to show these times.		
Measurement		Unit 17	Time	4	Telling time to the half hour	Tell the time to the hour and half past the hour and draw the hands on a clock face to show these times.		
Measurement		Unit 17	Time	5	Writing time	Measure and begin to record the following: time (hours, minutes, seconds)		
Measurement		Unit 17	Time	6	Comparing time	Compare, describe and solve practical problems for time [for example, quicker, slower, earlier, later]		
Number – addition and subtraction	Measurement	Unit 17	Time	7	Solving word problems – time	Solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as 7 = ? – 9	Compare, describe and solve practical problems for time [for example, quicker, slower, earlier, later]	
Measurement		Unit 18	Money	1	Recognising coins	Recognise and know the value of different denominations of coins and notes		
Measurement		Unit 18	Money	2	Recognising notes	Recognise and know the value of different denominations of coins and notes		
Measurement	Number – number and place value	Unit 18	Money	3	Counting with coins	Recognise and know the value of different denominations of coins and notes	Count, read and write numbers to 100 in numerals; count in multiples of 2s, 5s and 10s	

Power Maths Year 2, yearly overview

Textbook	Strand	Unit	Number of Lessons	
Textbook A / Practice Workbook A (Term 1)	Number – number and place value	1	Numbers to 100	10
	Number – addition and subtraction	2	Addition and subtraction (1)	12
	Number – addition and subtraction	3	Addition and subtraction (2)	9
	Measurement	4	Money	9
	Number – multiplication and division	5	Multiplication and division (1)	9
Textbook B / Practice Workbook B (Term 2)	Number – multiplication and division	6	Multiplication and division (2)	9
	Statistics	7	Statistics	7
	Measurement	8	Length and height	5
	Geometry – properties of shape	9	Properties of shapes	12
	Number – fractions	10	Fractions	14
Textbook C / Practice Workbook C (Term 3)	Geometry – position and direction	11	Position and direction	4
	Number – addition and subtraction	12	Problem solving and efficient methods	12
	Measurement	13	Time	9
	Measurement	14	Weight, volume and temperature	10

Power Maths Year 2, Textbook 2A (Term 1) overview

Strand 1	Unit		Lesson number	Lesson title	NC Objective 1	NC Objective 2	NC Objective 3
Number – number and place value	Unit 1	Numbers to 100	1	Counting objects to 100	Count, read and write numbers to 100 in numerals; count in multiples of 2s, 5s and 10s (year 1)		
Number – number and place value	Unit 1	Numbers to 100	2	Representing numbers to 100	Identify, represent and estimate numbers using different representations, including the number line		
Number – number and place value	Unit 1	Numbers to 100	3	Tens and ones (1)	Recognise the place value of each digit in a 2-digit number (10s, 1s)	Identify, represent and estimate numbers using different representations, including the number line	
Number – number and place value	Unit 1	Numbers to 100	4	Tens and ones (2)	Recognise the place value of each digit in a 2-digit number (10s, 1s)	Identify, represent and estimate numbers using different representations, including the number line	
Number – number and place value	Unit 1	Numbers to 100	5	Representing numbers on a place value grid	Recognise the place value of each digit in a 2-digit number (10s, 1s)	Identify, represent and estimate numbers using different representations, including the number line	
Number – number and place value	Unit 1	Numbers to 100	6	Comparing numbers (1)	Compare and order numbers from 0 up to 100; use <, > and = signs	Identify, represent and estimate numbers using different representations, including the number line	
Number – number and place value	Unit 1	Numbers to 100	7	Comparing numbers (2)	Compare and order numbers from 0 up to 100; use <, > and = signs		
Number – number and place value	Unit 1	Numbers to 100	8	Ordering numbers	Compare and order numbers from 0 up to 100; use <, > and = signs		
Number – number and place value	Unit 1	Numbers to 100	9	Counting in 2s, 5s and 10s	Count in steps of 2, 3, and 5 from 0, and in 10s from any number, forward and backward		
Number – number and place value	Unit 1	Numbers to 100	10	Counting in 3s	Count in steps of 2, 3, and 5 from 0, and in 10s from any number, forward and backward	Identify, represent and estimate numbers using different representations, including the number line	
Number – addition and subtraction	Unit 2	Addition and subtraction (1)	1	Related facts – addition and subtraction	Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100		
Number – addition and subtraction	Unit 2	Addition and subtraction (1)	2	Using number facts to check calculations	Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100	Recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems	Show that addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot
Number – addition and subtraction	Unit 2	Addition and subtraction (1)	3	Comparing number sentences	Solve problems with addition and subtraction: using concrete objects and pictorial representations, including those involving numbers, quantities and measures	Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100	
Number – addition and subtraction	Unit 2	Addition and subtraction (1)	4	Finding related facts	Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100		
Number – addition and subtraction	Unit 2	Addition and subtraction (1)	5	Making number bonds to 100	Solve problems with addition and subtraction: using concrete objects and pictorial representations, including those involving numbers, quantities and measures	Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100	
Number – addition and subtraction	Unit 2	Addition and subtraction (1)	6	Adding and subtracting 1s	Add and subtract numbers using concrete objects, pictorial representations, and mentally, including: a 2-digit number and 1s	Solve problems with addition and subtraction: using concrete objects and pictorial representations, including those involving numbers, quantities and measures	
Number – addition and subtraction	Unit 2	Addition and subtraction (1)	7	Finding 10 more and 10 less	Count in steps of 2, 3, and 5 from 0, and in 10s from any number, forward and backward	Solve problems with addition and subtraction: using concrete objects and pictorial representations, including those involving numbers, quantities and measures	
Number – addition and subtraction	Unit 2	Addition and subtraction (1)	8	Adding and subtracting 10s	Add and subtract numbers using concrete objects, pictorial representations, and mentally, including: a 2-digit number and 10s	Solve problems with addition and subtraction: using concrete objects and pictorial representations, including those involving numbers, quantities and measures	

Strand 1	Unit		Lesson number	Lesson title	NC Objective 1	NC Objective 2	NC Objective 3
Number – addition and subtraction	Unit 2	Addition and subtraction (1)	9	Adding a 2-digit and 1-digit number (1)	Add and subtract numbers using concrete objects, pictorial representations, and mentally, including: a 2-digit number and 1s	Solve problems with addition and subtraction: using concrete objects and pictorial representations, including those involving numbers, quantities and measures	
Number – addition and subtraction	Unit 2	Addition and subtraction (1)	10	Adding a 2-digit and 1-digit number (2)	Add and subtract numbers using concrete objects, pictorial representations, and mentally, including: a 2-digit number and 1s	Solve problems with addition and subtraction: using concrete objects and pictorial representations, including those involving numbers, quantities and measures	
Number – addition and subtraction	Unit 2	Addition and subtraction (1)	11	Subtracting a 1-digit number from a 2-digit number (1)	Add and subtract numbers using concrete objects, pictorial representations, and mentally, including: a 2-digit number and 1s	Solve problems with addition and subtraction: using concrete objects and pictorial representations, including those involving numbers, quantities and measures	
Number – addition and subtraction	Unit 2	Addition and subtraction (1)	12	Subtracting a 1-digit number from a 2-digit number (2)	Add and subtract numbers using concrete objects, pictorial representations, and mentally, including: a 2-digit number and 1s	Solve problems with addition and subtraction: applying their increasing knowledge of mental and written methods	
Number – addition and subtraction	Unit 3	Addition and subtraction (2)	1	Adding two 2-digit numbers (1)	Add and subtract numbers using concrete objects, pictorial representations, and mentally, including: two 2-digit numbers	Solve problems with addition and subtraction: applying their increasing knowledge of mental and written methods	
Number – addition and subtraction	Unit 3	Addition and subtraction (2)	2	Adding two 2-digit numbers (2)	Add and subtract numbers using concrete objects, pictorial representations, and mentally, including: two 2-digit numbers	Solve problems with addition and subtraction: applying their increasing knowledge of mental and written methods	
Number – addition and subtraction	Unit 3	Addition and subtraction (2)	3	Subtracting a 2-digit number from another 2-digit number (1)	Add and subtract numbers using concrete objects, pictorial representations, and mentally, including: two 2-digit numbers	Solve problems with addition and subtraction: applying their increasing knowledge of mental and written methods	
Number – addition and subtraction	Unit 3	Addition and subtraction (2)	4	Subtracting a 2-digit number from another 2-digit number (2)	Add and subtract numbers using concrete objects, pictorial representations, and mentally, including: two 2-digit numbers	Solve problems with addition and subtraction: applying their increasing knowledge of mental and written methods	
Number – addition and subtraction	Unit 3	Addition and subtraction (2)	5	Subtracting a 2-digit number from another 2-digit number (3)	Add and subtract numbers using concrete objects, pictorial representations, and mentally, including: two 2-digit numbers	Solve problems with addition and subtraction: applying their increasing knowledge of mental and written methods	
Number - addition and subtraction	Unit 3	Addition and subtraction (2)	6	Subtracting a 2-digit number from another 2-digit number (4)	Add and subtract numbers using concrete objects, pictorial representations, and mentally, including: two 2-digit numbers	Solve problems with addition and subtraction: applying their increasing knowledge of mental and written methods	
Number – addition and subtraction	Unit 3	Addition and subtraction (2)	7	Adding three 1-digit numbers	Add and subtract numbers using concrete objects, pictorial representations and mentally, including: adding three 1-digit numbers	Solve problems with addition and subtraction: applying their increasing knowledge of mental and written methods	
Number – addition and subtraction	Unit 3	Addition and subtraction (2)	8	Solving word problems – the bar model (1)	Solve problems with addition and subtraction: using concrete objects and pictorial representations, including those involving numbers, quantities and measures		
Number – addition and subtraction	Unit 3	Addition and subtraction (2)	9	Solving word problems – the bar model (2)	Solve problems with addition and subtraction: using concrete objects and pictorial representations, including those involving numbers, quantities and measures		
Measurement	Unit 4	Money	1	Counting money – coins	Recognise and use signs for pounds (£) and pence (p); combine amounts to make a particular value	Recognise and know the value of different denominations of coins and notes (year 1)	
Measurement	Unit 4	Money	2	Counting money – notes	Recognise and use signs for pounds (£) and pence (p); combine amounts to make a particular value	Recognise and know the value of different denominations of coins and notes (year 1)	
Measurement	Unit 4	Money	3	Counting money – coins and notes	Recognise and use signs for pounds (£) and pence (p); combine amounts to make a particular value		

Strand 1	Unit		Lesson number	Lesson title	NC Objective 1	NC Objective 2	NC Objective 3
Measurement	Unit 4	Money	4	Showing equal amounts of money (1)	Find different combinations of coins that equal the same amounts of money	Recognise and know the value of different denominations of coins and notes (year 1)	
Measurement	Unit 4	Money	5	Showing equal amounts of money (2)	Find different combinations of coins that equal the same amounts of money	Recognise and know the value of different denominations of coins and notes (year 1)	
Measurement	Unit 4	Money	6	Comparing amounts of money	Solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change	Recognise and know the value of different denominations of coins and notes (year 1)	
Measurement	Unit 4	Money	7	Calculating the total amount	Solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change		
Measurement	Unit 4	Money	8	Finding change	Solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change		
Measurement	Unit 4	Money	9	Solving two-step word problems	Solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change		
Number – multiplication and division	Unit 5	Multiplication and division (1)	1	Making equal groups	Solve one-step problems involving multiplication and division by calculating the answer using concrete objects, pictorial representations and arrays with the support of the teacher (year 1)		
Number – multiplication and division	Unit 5	Multiplication and division (1)	2	Multiplication as equal groups	Calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (×), division (÷) and equals (=) signs	Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts	
Number – multiplication and division	Unit 5	Multiplication and division (1)	3	Adding equal groups	Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts	Solve one-step problems involving multiplication and division, by calculating the answer using concrete objects, pictorial representations and arrays with the support of the teacher (year 1)	
Number – multiplication and division	Unit 5	Multiplication and division (1)	4	Multiplication sentences	Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts		
Number – multiplication and division	Unit 5	Multiplication and division (1)	5	Using arrays	Calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (×), division (÷) and equals (=) signs	Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts	
Number – multiplication and division	Unit 5	Multiplication and division (1)	6	2 times-table	Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers		
Number – multiplication and division	Unit 5	Multiplication and division (1)	7	5 times-table	Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers		
Number – multiplication and division	Unit 5	Multiplication and division (1)	8	10 times-table	Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers		
Number – multiplication and division	Unit 5	Multiplication and division (1)	9	Solving word problems – multiplication	Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts		

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

Strand 1	Strand 2	Unit		Lesson number	Lesson title	NC Objective 1	NC Objective 2	NC Objective 3
Number – multiplication and division		Unit 6	Multiplication and division (2)	1	Making equal groups	Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts	Calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (×), division (÷) and equals (=) signs	
Number – multiplication and division		Unit 6	Multiplication and division (2)	2	Sharing and grouping	Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts	Calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (×), division (÷) and equals (=) signs	
Number – multiplication and division		Unit 6	Multiplication and division (2)	3	Dividing by 2	Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts	Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers	
Number – multiplication and division		Unit 6	Multiplication and division (2)	4	Odd and even numbers	Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers		
Number – multiplication and division		Unit 6	Multiplication and division (2)	5	Dividing by 5	Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers		
Number – multiplication and division		Unit 6	Multiplication and division (2)	6	Dividing by 10	Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers		
Number – multiplication and division		Unit 6	Multiplication and division (2)	7	Bar modelling – grouping	Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts		
Number – multiplication and division		Unit 6	Multiplication and division (2)	8	Bar modelling – sharing	Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts		
Number – multiplication and division		Unit 6	Multiplication and division (2)	9	Solving word problems – division	Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts		
Statistics		Unit 7	Statistics	1	Making tally charts	Interpret and construct simple pictograms, tally charts, block diagrams and simple tables		
Statistics		Unit 7	Statistics	2	Creating pictograms (1)	Interpret and construct simple pictograms, tally charts, block diagrams and simple tables		
Statistics		Unit 7	Statistics	3	Creating pictograms (2)	Interpret and construct simple pictograms, tally charts, block diagrams and simple tables		

Strand 1	Strand 2	Unit		Lesson number	Lesson title	NC Objective 1	NC Objective 2	NC Objective 3
Statistics		Unit 7	Statistics	4	Interpreting pictograms (1)	Interpret and construct simple pictograms, tally charts, block diagrams and simple tables	Ask and answer simple questions by counting the number of objects in each category and sorting the categories by quantity	Ask and answer questions about totalling and comparing categorical data
Statistics		Unit 7	Statistics	5	Interpreting pictograms (2)	Interpret and construct simple pictograms, tally charts, block diagrams and simple tables	Ask and answer simple questions by counting the number of objects in each category and sorting the categories by quantity	Ask and answer questions about totalling and comparing categorical data
Statistics		Unit 7	Statistics	6	Block diagrams	Interpret and construct simple pictograms, tally charts, block diagrams and simple tables	Ask and answer simple questions by counting the number of objects in each category and sorting the categories by quantity	Ask and answer questions about totalling and comparing categorical data
Statistics		Unit 7	Statistics	7	Solving word problems	Ask and answer simple questions by counting the number of objects in each category and sorting the categories by quantity	Ask and answer questions about totalling and comparing categorical data	
Measurement		Unit 8	Length and height	1	Measuring in centimetres	Choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm); mass (kg/g); temperature (°C); capacity (litres/ml) to the nearest appropriate unit, using rulers, scales, thermometers and measuring vessels		
Measurement		Unit 8	Length and height	2	Measuring in metres	Choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm); mass (kg/g); temperature (°C); capacity (litres/ml) to the nearest appropriate unit, using rulers, scales, thermometers and measuring vessels		
Measurement		Unit 8	Length and height	3	Comparing lengths	Compare and order lengths, mass, volume/ capacity and record the results using >, < and =		
Measurement		Unit 8	Length and height	4	Ordering lengths	Compare and order lengths, mass, volume/ capacity and record the results using >, < and =		
Number – addition and subtraction		Unit 8	Length and height	5	Solving word problems – length	Solve problems with addition and subtraction: using concrete objects and pictorial representations, including those involving numbers, quantities and measures		
Geometry – properties of shape		Unit 9	Properties of shapes	1	Recognising 2D and 3D shapes	Compare and sort common 2D and 3D shapes and everyday objects		
Geometry – properties of shape		Unit 9	Properties of shapes	2	Drawing 2D shapes	Identify and describe the properties of 2D shapes, including the number of sides and line symmetry in a vertical line		
Geometry – properties of shape		Unit 9	Properties of shapes	3	Counting sides on 2D shapes	Identify and describe the properties of 2D shapes, including the number of sides and line symmetry in a vertical line		
Geometry – properties of shape		Unit 9	Properties of shapes	4	Counting vertices on 2D shapes	Identify and describe the properties of 2D shapes, including the number of sides and line symmetry in a vertical line		
Geometry – properties of shape		Unit 9	Properties of shapes	5	Finding lines of symmetry	Identify and describe the properties of 2D shapes, including the number of sides and line symmetry in a vertical line		
Geometry – properties of shape		Unit 9	Properties of shapes	6	Sorting 2D shapes	Compare and sort common 2D and 3D shapes and everyday objects		

Strand 1	Strand 2	Unit		Lesson number	Lesson title	NC Objective 1	NC Objective 2	NC Objective 3
Geometry – position and direction		Unit 9	Properties of shapes	7	Making patterns with 2D shapes	Order and arrange combinations of mathematical objects in patterns and sequences		
Geometry – properties of shape		Unit 9	Properties of shapes	8	Counting faces on 3D shapes	Identify and describe the properties of 3D shapes, including the number of edges, vertices and faces		
Geometry – properties of shape		Unit 9	Properties of shapes	9	Counting edges on 3D shapes	Identify and describe the properties of 3D shapes, including the number of edges, vertices and faces		
Geometry – properties of shape		Unit 9	Properties of shapes	10	Counting vertices on 3D shapes	Identify and describe the properties of 3D shapes, including the number of edges, vertices and faces		
Geometry – properties of shape		Unit 9	Properties of shapes	11	Sorting 3D shapes	Compare and sort common 2D and 3D shapes and everyday objects		
Geometry – position and direction		Unit 9	Properties of shapes	12	Making patterns with 3D shapes	Order and arrange combinations of mathematical objects in patterns and sequences		
Number – fractions		Unit 10	Fractions	1	Introducing whole and parts	(Year 1) recognise, find and name a half as one of two equal parts of an object, shape or quantity		
Number – fractions		Unit 10	Fractions	2	Making equal parts	(Year 1) recognise, find and name a half as one of two equal parts of an object, shape or quantity		
Number – fractions		Unit 10	Fractions	3	Recognising a half ($\frac{1}{2}$)	(Year 1) recognise, find and name a half as one of two equal parts of an object, shape or quantity		
Number – fractions		Unit 10	Fractions	4	Finding a half	(Year 1) recognise, find and name a half as one of two equal parts of an object, shape or quantity		
Number – fractions		Unit 10	Fractions	5	Recognising a quarter ($\frac{1}{4}$)	(Year 1) recognise, find and name a quarter as one of four equal parts of an object, shape or quantity	Recognise, find, name and write fractions $\frac{1}{3}$, $\frac{1}{4}$, $\frac{2}{4}$ and $\frac{3}{4}$ of a length, shape, set of objects or quantity	
Number – fractions		Unit 10	Fractions	6	Finding a quarter	(Year 1) recognise, find and name a quarter as one of four equal parts of an object, shape or quantity	Recognise, find, name and write fractions $\frac{1}{3}$, $\frac{1}{4}$, $\frac{2}{4}$ and $\frac{3}{4}$ of a length, shape, set of objects or quantity	
Number – fractions		Unit 10	Fractions	7	Unit fractions	Recognise, find, name and write fractions $\frac{1}{3}$, $\frac{1}{4}$, $\frac{2}{4}$ and $\frac{3}{4}$ of a length, shape, set of objects or quantity		
Number – fractions		Unit 10	Fractions	8	Understanding other fractions	Write simple fractions for example, $\frac{1}{2}$ of 6 = 3 and recognise the equivalence of $\frac{2}{4}$ and $\frac{1}{2}$		
Number – fractions		Unit 10	Fractions	9	$\frac{1}{2}$ and $\frac{2}{4}$	Write simple fractions for example, $\frac{1}{2}$ of 6 = 3 and recognise the equivalence of $\frac{2}{4}$ and $\frac{1}{2}$		
Number – fractions		Unit 10	Fractions	10	Finding $\frac{3}{4}$	Recognise, find, name and write fractions $\frac{1}{3}$, $\frac{1}{4}$, $\frac{2}{4}$ and $\frac{3}{4}$ of a length, shape, set of objects or quantity		
Number – fractions		Unit 10	Fractions	11	Understanding a whole	Recognise, find, name and write fractions $\frac{1}{3}$, $\frac{1}{4}$, $\frac{2}{4}$ and $\frac{3}{4}$ of a length, shape, set of objects or quantity		
Number – fractions		Unit 10	Fractions	12	Understanding whole and parts	Recognise, find, name and write fractions $\frac{1}{3}$, $\frac{1}{4}$, $\frac{2}{4}$ and $\frac{3}{4}$ of a length, shape, set of objects or quantity		
Number – fractions		Unit 10	Fractions	13	Counting in halves	Non-statutory guidelines: Pupils should count in fractions up to 10, starting from any number		
Number – fractions		Unit 10	Fractions	14	Counting in quarters	Non-statutory guidelines: Pupils should count in fractions up to 10, starting from any number		

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

Strand 1	Strand 2	Unit		Lesson number	Lesson title	NC Objective 1	NC Objective 2	NC Objective 3
Geometry – position and direction		Unit 11	Position and direction	1	Describing movement	Use mathematical vocabulary to describe position, direction and movement, including movement in a straight line and distinguishing between rotation as a turn and in terms of right angles for quarter, half and three-quarter turns (clockwise and anti-clockwise)		
Geometry – position and direction		Unit 11	Position and direction	2	Describing turns	Use mathematical vocabulary to describe position, direction and movement, including movement in a straight line and distinguishing between rotation as a turn and in terms of right angles for quarter, half and three-quarter turns (clockwise and anti-clockwise)		
Geometry – position and direction		Unit 11	Position and direction	3	Describing movement and turns	Use mathematical vocabulary to describe position, direction and movement, including movement in a straight line and distinguishing between rotation as a turn and in terms of right angles for quarter, half and three-quarter turns (clockwise and anti-clockwise)		
Geometry – position and direction		Unit 11	Position and direction	4	Making patterns with shapes	Use mathematical vocabulary to describe position, direction and movement, including movement in a straight line and distinguishing between rotation as a turn and in terms of right angles for quarter, half and three-quarter turns (clockwise and anti-clockwise)	Order and arrange combinations of mathematical objects in patterns and sequences	
Number – number and place value	Number – addition and subtraction	Unit 12	Problem-solving and efficient methods	1	My way, your way!	Use place value and number facts to solve problems	Recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems	
Number – number and place value		Unit 12	Problem-solving and efficient methods	2	Using number facts	Use place value and number facts to solve problems	Recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems	
Number – number and place value	Number – addition and subtraction	Unit 12	Problem-solving and efficient methods	3	Using number facts and equivalence	Use place value and number facts to solve problems	Recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems	
Number – number and place value	Number – addition and subtraction	Unit 12	Problem-solving and efficient methods	4	Using a 100 square	Use place value and number facts to solve problems	Solve problems with addition and subtraction: using concrete objects and pictorial representations, including those involving numbers, quantities and measures	
Number – number and place value	Number – addition and subtraction	Unit 12	Problem-solving and efficient methods	5	Getting started	Recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems		
Number – addition and subtraction		Unit 12	Problem-solving and efficient methods	6	Missing numbers	Use place value and number facts to solve problems	Recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems	

Strand 1	Strand 2	Unit		Lesson number	Lesson title	NC Objective 1	NC Objective 2	NC Objective 3
Number – number and place value	Number – addition and subtraction	Unit 12	Problem-solving and efficient methods	7	Mental addition and subtraction (1)	Solve problems with addition and subtraction: using concrete objects and pictorial representations, including those involving numbers, quantities and measures		
Number – addition and subtraction		Unit 12	Problem-solving and efficient methods	8	Mental addition and subtraction (2)	Solve problems with addition and subtraction: using concrete objects and pictorial representations, including those involving numbers, quantities and measures		
Number – addition and subtraction		Unit 12	Problem-solving and efficient methods	9	Efficient subtraction	Use place value and number facts to solve problems		
Number – number and place value		Unit 12	Problem-solving and efficient methods	10	Solving problems – addition and subtraction	Recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems	Solve problems with addition and subtraction: using concrete objects and pictorial representations, including those involving numbers, quantities and measures	
Number – addition and subtraction		Unit 12	Problem-solving and efficient methods	11	Solving problems – multiplication and division	Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts	Show that multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot	
Number – addition and subtraction		Unit 12	Problem-solving and efficient methods	12	Solving problems using the four operations	Solve problems with addition and subtraction: using concrete objects and pictorial representations, including those involving numbers, quantities and measures	Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts	
Measurement		Unit 13	Time	1	Telling and writing time to the hour and the half hour	(Year 1) tell the time to the hour and half past the hour and draw the hands on a clock face to show these times		
Measurement		Unit 13	Time	2	Telling time to the quarter hour	Tell and write the time to five minutes, including quarter past/to the hour and draw the hands on a clock face to show these times		
Measurement		Unit 13	Time	3	Telling time to 5 minutes	Tell and write the time to five minutes, including quarter past/to the hour and draw the hands on a clock face to show these times		
Measurement		Unit 13	Time	4	Minutes in an hour	Know the number of minutes in an hour and the number of hours in a day		
Measurement		Unit 13	Time	5	Finding durations of time	Compare and sequence intervals of time		
Measurement		Unit 13	Time	6	Comparing durations of time	Compare and sequence intervals of time		
Measurement		Unit 13	Time	7	Finding the end time	Know the number of minutes in an hour and the number of hours in a day		
Measurement		Unit 13	Time	8	Finding the start time	Compare and sequence intervals of time		
Measurement		Unit 13	Time	9	Hours in a day	Know the number of minutes in an hour and the number of hours in a day		
Measurement		Unit 14	Weight, volume and temperature	1	Comparing mass	Compare and order lengths, mass, volume/ capacity and record the results using >, < and =		

Strand 1	Strand 2	Unit		Lesson number	Lesson title	NC Objective 1	NC Objective 2	NC Objective 3
Measurement		Unit 14	Weight, volume and temperature	2	Measuring mass in grams (1)	Choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm); mass (kg/g); temperature (°C); capacity (litres/ml) to the nearest appropriate unit, using rulers, scales, thermometers and measuring vessels		
Measurement		Unit 14	Weight, volume and temperature	3	Measuring mass in grams (2)	Choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm); mass (kg/g); temperature (°C); capacity (litres/ml) to the nearest appropriate unit, using rulers, scales, thermometers and measuring vessels	Compare and order lengths, mass, volume/ capacity and record the results using >, < and =	
Measurement		Unit 14	Weight, volume and temperature	4	Measuring mass in kilograms	Choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm); mass (kg/g); temperature (°C); capacity (litres/ml) to the nearest appropriate unit, using rulers, scales, thermometers and measuring vessels	Compare and order lengths, mass, volume/ capacity and record the results using >, < and =	
Measurement		Unit 14	Weight, volume and temperature	5	Comparing volume	Compare and order lengths, mass, volume/ capacity and record the results using >, < and =		
Measurement		Unit 14	Weight, volume and temperature	6	Measuring volume in millilitres (1)	Choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm); mass (kg/g); temperature (°C); capacity (litres/ml) to the nearest appropriate unit, using rulers, scales, thermometers and measuring vessels		
Measurement		Unit 14	Weight, volume and temperature	7	Measuring volume in millilitres (2)	Choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm); mass (kg/g); temperature (°C); capacity (litres/ml) to the nearest appropriate unit, using rulers, scales, thermometers and measuring vessels		
Measurement		Unit 14	Weight, volume and temperature	8	Measuring volume in litres	Choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm); mass (kg/g); temperature (°C); capacity (litres/ml) to the nearest appropriate unit, using rulers, scales, thermometers and measuring vessels		
Measurement		Unit 14	Weight, volume and temperature	9	Measuring temperature using a thermometer	Choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm); mass (kg/g); temperature (°C); capacity (litres/ml) to the nearest appropriate unit, using rulers, scales, thermometers and measuring vessels		
Measurement		Unit 14	Weight, volume and temperature	10	Reading thermometers	Choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm); mass (kg/g); temperature (°C); capacity (litres/ml) to the nearest appropriate unit, using rulers, scales, thermometers and measuring vessels		

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 I) 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 2	Addition and subtraction (1)	1	Adding and subtracting 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		
Number – addition and subtraction		Unit 2	Addition and subtraction (1)	2	Adding and subtracting a 3-digit number and 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	Adding a 3-digit number and 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)	4	Subtracting 1s from a 3-digit number	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)	5	Adding and subtracting a 3-digit number and 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	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)	6	Adding a 3-digit number and 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	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)	7	Subtracting 10s from a 3-digit number	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)	8	Adding and subtracting 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 2	Addition and subtraction (1)	9	Adding 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	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)	10	Subtracting 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	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	Addition and subtraction patterns	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)	2	Adding two 3-digit numbers (1)	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	Adding two 3-digit numbers (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)	4	Subtracting a 3-digit number from a 3-digit number (1)	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 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

Strand 1	Strand 2	Unit		Lesson number	Lesson title	NC Objective 1	NC Objective 2	NC Objective 3
Number – multiplication and division		Unit 4	Multiplication and division (1)	7	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	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)	8	Multiplying 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	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)	9	Dividing 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	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)	10	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	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)	11	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	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)	12	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	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)	13	Understanding 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		
Number – multiplication and division		Unit 4	Multiplication and division (1)	14	Understanding 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	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)	15	Related facts – multiplication and division	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

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 3B (Term 2) overview

Strand 1	Strand 2	Unit		Lesson number	Lesson title	NC Objective 1	NC Objective 2	NC Objective 3
Number – multiplication and division		Unit 5	Multiplication and division (2)	1	Comparing multiplication and division statements (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		
Number – multiplication and division		Unit 5	Multiplication and division (2)	2	Related multiplication 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		Unit 5	Multiplication and division (2)	3	Related multiplication and division 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		Unit 5	Multiplication and division (2)	4	Comparing multiplication and division statements (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		

Strand 1	Strand 2	Unit		Lesson number	Lesson title	NC Objective 1	NC Objective 2	NC Objective 3
Number – multiplication and division		Unit 5	Multiplication and division (2)	5	Multiplying a 2-digit number by a 1-digit number (1)	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	Multiplying a 2-digit number by a 1-digit number (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		
Number – multiplication and division		Unit 5	Multiplication and division (2)	7	Multiplying a 2-digit number by a 1-digit number (3)	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 5	Multiplication and division (2)	8	Dividing a 2-digit number by a 1-digit number (1)	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	Dividing a 2-digit number by a 1-digit number (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		
Number – multiplication and division		Unit 5	Multiplication and division (2)	10	Dividing a 2-digit number by a 1-digit number (3)	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 5	Multiplication and division (2)	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	Year 5 - Number - multiplication and division	Unit 5	Multiplication and division (2)	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	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 5	Multiplication and division (2)	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	Solve problems involving addition, subtraction, multiplication and division and a combination of these, including understanding the meaning of the equals sign

Strand 1	Strand 2	Unit		Lesson number	Lesson title	NC Objective 1	NC Objective 2	NC Objective 3
Number – multiplication and division	Year 5 - Number - multiplication and division	Unit 5	Multiplication and division (2)	14	Problem solving - mixed problems (3)	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	Solve problems involving addition, subtraction, multiplication and division and a combination of these, including understanding the meaning of the equals sign
Measurement		Unit 6	Money	1	Pounds and pence	Add and subtract amounts of money to give change, using both £ and p in practical contexts		
Measurement		Unit 6	Money	2	Converting pounds and pence	Add and subtract amounts of money to give change, using both £ and p in practical contexts		
Measurement		Unit 6	Money	3	Adding money	Add and subtract amounts of money to give change, using both £ and p in practical contexts		
Measurement		Unit 6	Money	4	Subtracting amounts of money	Add and subtract amounts of money to give change, using both £ and p in practical contexts		
Measurement		Unit 6	Money	5	Problem solving - money	Add and subtract amounts of money to give change, using both £ and p in practical contexts		
Statistics		Unit 7	Statistics	1	Pictograms (1)	Interpret and present data using bar charts, pictograms and tables		
Statistics		Unit 7	Statistics	2	Pictograms (2)	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		Unit 7	Statistics	3	Bar charts (1)	Interpret and present data using bar charts, pictograms and tables		
Statistics		Unit 7	Statistics	4	Bar charts (2)	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		Unit 7	Statistics	5	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		
Measurement		Unit 8	Length	1	Measuring length (1)	Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)		
Measurement		Unit 8	Length	2	Measuring length (2)	Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)		
Measurement		Unit 8	Length	3	Equivalent lengths - metres and centimetres	Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)		
Measurement		Unit 8	Length	4	Equivalent lengths - centimetres and millimetres	Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)		
Measurement		Unit 8	Length	5	Comparing lengths	Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)		

Strand 1	Strand 2	Unit		Lesson number	Lesson title	NC Objective 1	NC Objective 2	NC Objective 3
Measurement		Unit 8	Length	6	Adding lengths	Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)		
Measurement		Unit 8	Length	7	Subtracting lengths	Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)		
Measurement		Unit 8	Length	8	Measuring the perimeter (1)	Measure the perimeter of simple 2-d shapes		
Measurement		Unit 8	Length	9	Measuring the perimeter (2)	Measure the perimeter of simple 2-d shapes		
Measurement		Unit 8	Length	10	Problem solving - length (1)	Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)	Measure the perimeter of simple 2-d shapes	
Measurement		Unit 8	Length	11	Problem solving - length (2)	Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)	Measure the perimeter of simple 2-d shapes	
Number – fractions		Unit 9	Fractions (1)	1	Unit and non-unit fractions	Recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators		
Number – fractions		Unit 9	Fractions (1)	2	Making the whole	Recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators		
Number – fractions		Unit 9	Fractions (1)	3	Tenths (1)	Count up and down in tenths; recognise that tenths arise from dividing an object into 10 equal parts and in dividing one-digit numbers or quantities by 10		
Number – fractions		Unit 9	Fractions (1)	4	Tenths (2)	Count up and down in tenths; recognise that tenths arise from dividing an object into 10 equal parts and in dividing one-digit numbers or quantities by 10		
Number – fractions		Unit 9	Fractions (1)	5	Fractions as numbers (1)	Recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators	Compare and order unit fractions, and fractions with the same denominators	
Number – fractions		Unit 9	Fractions (1)	6	Fractions as numbers (2)	Recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators	Compare and order unit fractions, and fractions with the same denominators	
Number – fractions		Unit 9	Fractions (1)	7	Fractions as numbers (3)	Recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators	Compare and order unit fractions, and fractions with the same denominators	
Number – fractions		Unit 9	Fractions (1)	8	Fractions of a set of objects (1)	Recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators		
Number – fractions		Unit 9	Fractions (1)	9	Fractions of a set of objects (2)	Recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators		
Number – fractions		Unit 9	Fractions (1)	10	Fractions of a set of objects (3)	Recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators		
Number – fractions		Unit 9	Fractions (1)	11	Problem solving - fractions	Solve problems that involve all of the above		

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 3C (Term 3) Overview

Strand 1	Strand 2	Unit		Lesson number	Lesson title	NC Objective 1	NC Objective 2	NC Objective 3
Number – fractions		Unit 10	Fractions (2)	1	Equivalent fractions (1)	Recognise and show, using diagrams, equivalent fractions with small denominators		
Number – fractions		Unit 10	Fractions (2)	2	Equivalent fractions (2)	Recognise and show, using diagrams, equivalent fractions with small denominators	Compare and order unit fractions, and fractions with the same denominators	
Number – fractions		Unit 10	Fractions (2)	3	Equivalent fractions (3)	Recognise and show, using diagrams, equivalent fractions with small denominators	Solve problems that involve all of the above	
Number – fractions		Unit 10	Fractions (2)	4	Comparing fractions	Recognise and show, using diagrams, equivalent fractions with small denominators	Compare and order unit fractions, and fractions with the same denominators	
Number – fractions		Unit 10	Fractions (2)	5	Comparing and ordering fractions	Compare and order unit fractions, and fractions with the same denominators		
Number – fractions		Unit 10	Fractions (2)	6	Adding 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		Unit 10	Fractions (2)	7	Subtracting 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		Unit 10	Fractions (2)	8	Problem solving – adding and subtracting fractions	Solve problems that involve all of the above	Add and subtract fractions with the same denominator within one whole (for example, $\frac{5}{7} + \frac{1}{7} = \frac{6}{7}$)	

Strand 1	Strand 2	Unit		Lesson number	Lesson title	NC Objective 1	NC Objective 2	NC Objective 3
Number – fractions		Unit 10	Fractions (2)	9	Problem solving – fractions of measures	Solve problems that involve all of the above	Recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators	Recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators
Measurement		Unit 11	Time	1	Months and years	Know the number of seconds in a minute and the number of days in each month, year and leap year		
Measurement		Unit 11	Time	2	Hours in a day	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		Unit 11	Time	3	Estimating time	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		Unit 11	Time	4	Telling 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		Unit 11	Time	5	Telling time to the minute (1)	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		Unit 11	Time	6	Telling time to the minute (2)	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		Unit 11	Time	7	Telling time to the minute (3)	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		Unit 11	Time	8	Finding the duration	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		Unit 11	Time	9	Comparing duration	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	

Strand 1	Strand 2	Unit		Lesson number	Lesson title	NC Objective 1	NC Objective 2	NC Objective 3
Measurement		Unit 11	Time	10	Finding 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		Unit 11	Time	11	Measuring time in 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	Compare durations of events (for example to calculate the time taken by particular events or tasks)	
Geometry – properties of shapes		Unit 12	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	
Geometry – properties of shapes		Unit 12	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		Unit 12	Angles and properties of shapes	3	Comparing 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		Unit 12	Angles and properties of shapes	4	Drawing 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		Unit 12	Angles and properties of shapes	5	Types of line (1)	Identify horizontal and vertical lines and pairs of perpendicular and parallel lines		
Geometry – properties of shapes		Unit 12	Angles and properties of shapes	6	Types of line (2)	Identify horizontal and vertical lines and pairs of perpendicular and parallel lines		
Geometry – properties of shapes		Unit 12	Angles and properties of shapes	7	Recognising and describing 2D shapes	Draw 2D shapes and make 3D shapes using modelling materials; recognise 3D shapes in different orientations and describe them		
Geometry – properties of shapes		Unit 12	Angles and properties of shapes	8	Recognising and describing 3D shapes	Draw 2D shapes and make 3D shapes using modelling materials; recognise 3D shapes in different orientations and describe them		
Geometry – properties of shapes		Unit 12	Angles and properties of shapes	9	Constructing 3D shapes	Draw 2D shapes and make 3D shapes using modelling materials; recognise 3D shapes in different orientations and describe them		
Measurement		Unit 13	Mass	1	Measuring mass (1)	Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)		

Strand 1	Strand 2	Unit		Lesson number	Lesson title	NC Objective 1	NC Objective 2	NC Objective 3
Measurement		Unit 13	Mass	2	Measuring mass (2)	Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)		
Measurement		Unit 13	Mass	3	Measuring mass (3)	Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)		
Measurement		Unit 13	Mass	4	Comparing masses	Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)		
Measurement		Unit 13	Mass	5	Adding and subtracting masses	Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)		
Measurement		Unit 13	Mass	6	Problem solving – mass	Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)		
Measurement		Unit 14	Capacity	1	Measuring capacity (1)	Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)		
Measurement		Unit 14	Capacity	2	Measuring capacity (2)	Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)		
Measurement		Unit 14	Capacity	3	Measuring capacity (3)	Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)		
Measurement		Unit 14	Capacity	4	Comparing capacities	Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)		
Measurement		Unit 14	Capacity	5	Adding and subtracting capacities	Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)		
Measurement		Unit 14	Capacity	6	Problem solving – capacity	Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)		

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	

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 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		