

# 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 I) 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
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 ( $\times$ ), division ( $\div$ ) 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 ( $\times$ ), division ( $\div$ ) 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 ( $\times$ ), division ( $\div$ ) 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 ( $\times$ ), division ( $\div$ ) 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 $\frac{1}{3}$ , $\frac{1}{2}$ , $\frac{2}{4}$ 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 $\frac{1}{3}$ , $\frac{1}{2}$ , $\frac{2}{4}$ 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 $\frac{1}{3}$ , $\frac{1}{2}$ , $\frac{2}{4}$ 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 $\frac{1}{3}$ , $\frac{1}{2}$ , $\frac{2}{4}$ 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 $\frac{1}{3}$ , $\frac{1}{2}$ , $\frac{2}{4}$ 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 $\frac{1}{3}$ , $\frac{1}{2}$ , $\frac{2}{4}$ 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	