

Power Maths White Rose Maths Edition to National curriculum matching chart KS1

Year 1

Power Maths Year 1			National curriculum programmes of study		
Term	Unit	Lesson titles	Year	Domain	Pupils should be taught to:
Textbook 1A	Unit 1, Numbers to 10	<ul style="list-style-type: none"> Sort objects 	1	Number – number and place value	<ul style="list-style-type: none"> 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.
		<ul style="list-style-type: none"> Count objects to 10 	1	Number – number and place value	<ul style="list-style-type: none"> Count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number. 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.
		<ul style="list-style-type: none"> Represent numbers to 10 	1	Number – number and place value	<ul style="list-style-type: none"> Count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number. 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.
		<ul style="list-style-type: none"> Count objects from a larger group 	1	Number – number and place value	<ul style="list-style-type: none"> Count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number. 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.

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Term	Unit	Lesson titles	Year	Domain	Pupils should be taught to:
		<ul style="list-style-type: none"> Count on from any number 	1	Number – number and place value	<ul style="list-style-type: none"> Count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number. 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.
		<ul style="list-style-type: none"> One more 	1	Number – number and place value	<ul style="list-style-type: none"> 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.
		<ul style="list-style-type: none"> Count backwards from 10 to 0 	1	Number – number and place value	<ul style="list-style-type: none"> Count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number.
		<ul style="list-style-type: none"> One less 	1	Number – number and place value	<ul style="list-style-type: none"> Given a number, identify one more and one less.
		<ul style="list-style-type: none"> Compare groups 	1	Number – number and place value	<ul style="list-style-type: none"> 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.
		<ul style="list-style-type: none"> Fewer or more? 	1	Number – number and place value	<ul style="list-style-type: none"> 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.
		<ul style="list-style-type: none"> <, > or = 	1	Number – number and place value	<ul style="list-style-type: none"> 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.
		<ul style="list-style-type: none"> Compare numbers 	1	Number – number and place value	<ul style="list-style-type: none"> 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.



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Term	Unit	Lesson titles	Year	Domain	Pupils should be taught to:
		<ul style="list-style-type: none"> Order objects and numbers 	1	Number – number and place value	<ul style="list-style-type: none"> 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.
		<ul style="list-style-type: none"> The number line 	1	Number – number and place value	<ul style="list-style-type: none"> 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.
	Unit 2, Part-whole within 10	<ul style="list-style-type: none"> Parts and wholes 	1	Number – addition and subtraction	<ul style="list-style-type: none"> 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. Represent and use number bonds and related subtraction facts within 20.
		<ul style="list-style-type: none"> The part-whole model 	1	Number – addition and subtraction	<ul style="list-style-type: none"> Represent and use number bonds and related subtraction facts within 20.
		<ul style="list-style-type: none"> Write number sentences 	1	Number – addition and subtraction	<ul style="list-style-type: none"> Read, write and interpret mathematical statements involving addition (+), subtraction (–) and equals (=) signs. Represent and use number bonds and related subtraction facts within 20.
		<ul style="list-style-type: none"> Fact families – addition facts 	1	Number – addition and subtraction	<ul style="list-style-type: none"> Read, write and interpret mathematical statements involving addition (+), subtraction (–) and equals (=) signs. Represent and use number bonds and related subtraction facts within 20.
		<ul style="list-style-type: none"> Number bonds 	1	Number – addition and subtraction	<ul style="list-style-type: none"> Represent and use number bonds and related subtraction facts within 20.
		<ul style="list-style-type: none"> Find number bonds 	1	Number – addition and subtraction	<ul style="list-style-type: none"> Represent and use number bonds and related subtraction facts within 20.
		<ul style="list-style-type: none"> Number bonds to 10 	1	Number – addition and subtraction	<ul style="list-style-type: none"> Represent and use number bonds and related subtraction facts within 20.

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Term	Unit	Lesson titles	Year	Domain	Pupils should be taught to:
	Unit 3, Addition within 10	• Add together	1	Number – addition and subtraction	• Represent and use number bonds and related subtraction facts within 20.
		• Add more	1	Number – addition and subtraction	• Represent and use number bonds and related subtraction facts within 20.
		• Addition problems	1	Number – addition and subtraction	• Solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as $7 = \square - 9$.
		• Find the missing number	1	Number – addition and subtraction	• Represent and use number bonds and related subtraction facts within 20.
	Unit 4, Subtraction within 10	• How many are left? (1)	1	Number – addition and subtraction	• Represent and use number bonds and related subtraction facts within 20.
		• How many are left? (2)	1	Number – addition and subtraction	• Represent and use number bonds and related subtraction facts within 20.
		• Break apart (1)	1	Number – addition and subtraction	• Represent and use number bonds and related subtraction facts within 20.
		• Break apart (2)	1	Number – addition and subtraction	• Represent and use number bonds and related subtraction facts within 20.
		• Fact families	1	Number – addition and subtraction	• Represent and use number bonds and related subtraction facts within 20.
		• Subtraction on a number line	1	Number – addition and subtraction	• Solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as $7 = \square - 9$.
		• Add or subtract 1 or 2	1	Number – addition and subtraction	• Add and subtract one-digit and two-digit numbers to 20, including zero.
• Solve word problems – addition and subtraction	1	Number – addition and subtraction	• Solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as $7 = \square - 9$.		



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Term	Unit	Lesson titles	Year	Domain	Pupils should be taught to:
	Unit 5, 2D and 3D shapes	<ul style="list-style-type: none"> Recognise and name 3D shapes 	1	Geometry – properties of shapes	<ul style="list-style-type: none"> Recognise and name common 2D and 3D shapes, including: 3D shapes [for example, cuboids (including cubes), pyramids and spheres].
		<ul style="list-style-type: none"> Sort 3D shapes 	1	Geometry – properties of shapes	<ul style="list-style-type: none"> Recognise and name common 2D and 3D shapes, including: 3D shapes [for example, cuboids (including cubes), pyramids and spheres].
		<ul style="list-style-type: none"> Recognise and name 2D shapes 	1	Geometry – properties of shapes	<ul style="list-style-type: none"> Recognise and name common 2D and 3D shapes, including: 3D shapes [for example, cuboids (including cubes), pyramids and spheres].
		<ul style="list-style-type: none"> Sort 2D shapes 	1	Geometry – properties of shapes	<ul style="list-style-type: none"> Recognise and name common 2D and 3D shapes, including: 3D shapes [for example, cuboids (including cubes), pyramids and spheres].
		<ul style="list-style-type: none"> Make patterns with shapes 	1	Geometry – properties of shapes	<ul style="list-style-type: none"> Recognise and name common 2D and 3D shapes, including: 3D shapes [for example, cuboids (including cubes), pyramids and spheres]. Non-statutory guidance: They recognise and create repeating patterns with objects and with shapes.
Textbook 1B	Unit 6, Numbers to 20	<ul style="list-style-type: none"> Count to 20 	1	Number – number and place value	<ul style="list-style-type: none"> Count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number (to 20). Read and write numbers from 1 to 20 in numerals and words.
		<ul style="list-style-type: none"> Understand 10 	1	Number – number and place value	<ul style="list-style-type: none"> Count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number (to 20).

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Term	Unit	Lesson titles	Year	Domain	Pupils should be taught to:
		• 11, 12 and 13	1	Number – number and place value	<ul style="list-style-type: none"> 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.
			2	Number – number and place value	<ul style="list-style-type: none"> Recognise the place value of each digit in a two-digit number (tens, ones).
		• 14, 15 and 16	1	Number – number and place value	<ul style="list-style-type: none"> 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.
			2	Number – number and place value	<ul style="list-style-type: none"> Recognise the place value of each digit in a two-digit number (tens, ones).
		• 17, 18 and 19	1	Number – number and place value	<ul style="list-style-type: none"> 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.
			2	Number – number and place value	<ul style="list-style-type: none"> Recognise the place value of each digit in a two-digit number (tens, ones).
		• Understand 20	1	Number – number and place value	<ul style="list-style-type: none"> 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. Read and write numbers from 1 to 20 in numerals and words.
		• One more and one less	1	Number – number and place value	<ul style="list-style-type: none"> 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.
• The number line to 20	1	Number – number and place value	<ul style="list-style-type: none"> 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. 		



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Term	Unit	Lesson titles	Year	Domain	Pupils should be taught to:
		<ul style="list-style-type: none"> Label number lines 	1	Number – number and place value	<ul style="list-style-type: none"> 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.
		<ul style="list-style-type: none"> Estimate on a number line 	1	Number – number and place value	<ul style="list-style-type: none"> 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.
		<ul style="list-style-type: none"> Compare numbers to 20 	1	Number – number and place value	<ul style="list-style-type: none"> 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.
		<ul style="list-style-type: none"> Order numbers to 20 	1	Number – number and place value	<ul style="list-style-type: none"> Count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number (to 20). Read and write numbers from 1 to 20 in numerals and words.
	Unit 7, Addition and subtraction within 20	<ul style="list-style-type: none"> Add by counting on within 20 	1	Number – addition and subtraction	<ul style="list-style-type: none"> Add and subtract one-digit and two-digit numbers to 20, including zero.
		<ul style="list-style-type: none"> Add ones using number bonds 	1	Number – addition and subtraction	<ul style="list-style-type: none"> Represent and use number bonds and related subtraction facts within 20. Add and subtract one-digit and two-digit numbers to 20, including zero.
		<ul style="list-style-type: none"> Find and make number bonds to 20 	1	Number – addition and subtraction	<ul style="list-style-type: none"> Represent and use number bonds and related subtraction facts within 20.
		<ul style="list-style-type: none"> Doubles 	1	Number – addition and subtraction	<ul style="list-style-type: none"> Represent and use number bonds and related subtraction facts within 20.
		<ul style="list-style-type: none"> Near doubles 	1	Number – addition and subtraction	<ul style="list-style-type: none"> Represent and use number bonds and related subtraction facts within 20.
		<ul style="list-style-type: none"> Subtract ones using number bonds 	1	Number – addition and subtraction	<ul style="list-style-type: none"> Represent and use number bonds and related subtraction facts within 20. Add and subtract one-digit and two-digit numbers to 20, including zero.

Power Maths Year 1			National curriculum programmes of study		
Term	Unit	Lesson titles	Year	Domain	Pupils should be taught to:
		<ul style="list-style-type: none"> Subtraction – count back 	1	Number – addition and subtraction	<ul style="list-style-type: none"> Solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as $7 = \square - 9$. Add and subtract one-digit and two-digit numbers to 20, including zero.
		<ul style="list-style-type: none"> Subtraction – find the difference 	1	Number – addition and subtraction	<ul style="list-style-type: none"> Solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as $7 = \square - 9$.
		<ul style="list-style-type: none"> Related facts – fact families 	1	Number – addition and subtraction	<ul style="list-style-type: none"> Represent and use number bonds and related subtraction facts within 20.
		<ul style="list-style-type: none"> Missing number problems 	1	Number – addition and subtraction	<ul style="list-style-type: none"> Solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as $7 = \square - 9$.
		<ul style="list-style-type: none"> Solve word and picture problems – addition and subtraction 	1	Number – addition and subtraction	<ul style="list-style-type: none"> Solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as $7 = \square - 9$.
	Unit 8, Numbers to 50	<ul style="list-style-type: none"> Count to 50 	1	Number – number and place value	<ul style="list-style-type: none"> 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.
		<ul style="list-style-type: none"> Numbers to 50 	1	Number – number and place value	<ul style="list-style-type: none"> 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.



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Term	Unit	Lesson titles	Year	Domain	Pupils should be taught to:
		<ul style="list-style-type: none"> • 20, 30, 40 and 50 	1	Number – number and place value	<ul style="list-style-type: none"> • 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.
			2	Number – number and place value	<ul style="list-style-type: none"> • Recognise the place value of each digit in a two-digit number (tens, ones).
		<ul style="list-style-type: none"> • Count by making groups of 10s 	1	Number – number and place value	<ul style="list-style-type: none"> • 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.
		<ul style="list-style-type: none"> • Groups of 10s and 1s 	1	Number – number and place value	<ul style="list-style-type: none"> • 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.
		<ul style="list-style-type: none"> • Partition into 10s and 1s 	1	Number – number and place value	<ul style="list-style-type: none"> • 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.
		<ul style="list-style-type: none"> • One more, one less 	1	Number – number and place value	<ul style="list-style-type: none"> • Given a number, identify one more and one less
	Unit 9, Introducing length and height	<ul style="list-style-type: none"> • Compare lengths and heights 	1	Measurement	<ul style="list-style-type: none"> • Compare, describe and solve practical problems for: lengths and heights [for example, long/short, longer/shorter, tall/short, double/half].
		<ul style="list-style-type: none"> • Measure length (non-standard units of measure) 	1	Measurement	<ul style="list-style-type: none"> • Measure and begin to record the following: lengths and heights.
		<ul style="list-style-type: none"> • Measure length (using a ruler) 	1	Measurement	<ul style="list-style-type: none"> • Measure and begin to record the following: lengths and heights.
		<ul style="list-style-type: none"> • Solve word problems – length 	1	Measurement	<ul style="list-style-type: none"> • Compare, describe and solve practical problems for: lengths and heights [for example, long/short, longer/shorter, tall/short, double/half].



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Term	Unit	Lesson titles	Year	Domain	Pupils should be taught to:
	Unit 10, Introducing mass and capacity	• Heavier and lighter	1	Measurement	• Compare, describe and solve practical problems for: mass/weight [for example, heavy/light, heavier than, lighter than].
		• Measure mass	1	Measurement	• Measure and begin to record the following: mass/weight.
		• Compare mass	1	Measurement	• Compare, describe and solve practical problems for: mass/weight [for example, heavy/light, heavier than, lighter than].
		• Full and empty	1	Measurement	• 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.
		• Measure capacity	1	Measurement	• Measure and begin to record the following: capacity and volume.
		• Compare capacity	1	Measurement	• Compare, describe and solve practical problems for: capacity and volume [for example, full/empty, more than, less than, half, half full, quarter].
		• Solve word problems – mass and capacity	1	Measurement	• Compare, describe and solve practical problems for: capacity and volume [for example, full/empty, more than, less than, half, half full, quarter].
Textbook 1C	Unit 11, Multiplication and division	• Count in 2s	1	Number – multiplication and division	• Count, read and write numbers to 100 in numerals; count in multiples of twos, fives and tens.
		• Count in 10s	1	Number – multiplication and division	• Count, read and write numbers to 100 in numerals; count in multiples of twos, fives and tens.
		• Count in 5s	1	Number – multiplication and division	• Count, read and write numbers to 100 in numerals; count in multiples of twos, fives and tens.



Power Maths Year 1			National curriculum programmes of study		
Term	Unit	Lesson titles	Year	Domain	Pupils should be taught to:
		<ul style="list-style-type: none"> Equal groups 	1	Number – multiplication and division	<ul style="list-style-type: none"> 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.
		<ul style="list-style-type: none"> Add equal groups 	1	Number – multiplication and division	<ul style="list-style-type: none"> 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.
		<ul style="list-style-type: none"> Make arrays 	1	Number – multiplication and division	<ul style="list-style-type: none"> 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.
		<ul style="list-style-type: none"> Make doubles 	1	Number – multiplication and division	<ul style="list-style-type: none"> 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.
		<ul style="list-style-type: none"> Grouping 	1	Number – multiplication and division	<ul style="list-style-type: none"> 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.

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Term	Unit	Lesson titles	Year	Domain	Pupils should be taught to:
		<ul style="list-style-type: none"> Sharing 	1	Number – multiplication and division	<ul style="list-style-type: none"> 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.
	Unit 12, Fractions	<ul style="list-style-type: none"> Recognise and find a half of a shape 	1	Number – fractions	<ul style="list-style-type: none"> Recognise, find and name a half as one of two equal parts of an object, shape or quantity.
		<ul style="list-style-type: none"> Recognise and find a half of a quantity 	1	Number – fractions	<ul style="list-style-type: none"> Recognise, find and name a half as one of two equal parts of an object, shape or quantity.
		<ul style="list-style-type: none"> Recognise and find a quarter of a shape 	1	Number – fractions	<ul style="list-style-type: none"> Recognise, find and name a quarter as one of four equal parts of an object, shape or quantity.
		<ul style="list-style-type: none"> Recognise and find a quarter of a quantity 	1	Number – fractions	<ul style="list-style-type: none"> Recognise, find and name a quarter as one of four equal parts of an object, shape or quantity.
	Unit 13, Position and direction	<ul style="list-style-type: none"> Describe turns 	1	Geometry – position and direction	<ul style="list-style-type: none"> Describe position, direction and movement, including whole, half, quarter and three-quarter turns.
		<ul style="list-style-type: none"> Describe position – left and right 	1	Geometry – position and direction	<ul style="list-style-type: none"> 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.
		<ul style="list-style-type: none"> Describe position – forwards and backwards 	1	Geometry – position and direction	<ul style="list-style-type: none"> 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.

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Term	Unit	Lesson titles	Year	Domain	Pupils should be taught to:
		<ul style="list-style-type: none"> Describe position – above and below 	1	Geometry – position and direction	<ul style="list-style-type: none"> 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.
		<ul style="list-style-type: none"> Ordinal numbers 	1	Geometry – position and direction	<ul style="list-style-type: none"> Non-statutory guidance: Pupils practise counting (1, 2, 3...), ordering (for example, first, second, third...), and to indicate a quantity (for example, 3 apples, 2 centimetres), including solving simple concrete problems, until they are fluent.
	Unit 14, Numbers to 100	<ul style="list-style-type: none"> Count from 50 to 100 	1	Number – number and place value	<ul style="list-style-type: none"> Count, read and write numbers to 100 in numerals; count in multiples of twos, fives and tens.
		<ul style="list-style-type: none"> 10s to 100 	1	Number – number and place value	<ul style="list-style-type: none"> Count, read and write numbers to 100 in numerals; count in multiples of twos, fives and tens.
		<ul style="list-style-type: none"> Partition into 10s and 1s 	1	Number – number and place value	<ul style="list-style-type: none"> 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.
			2	Number – number and place value	<ul style="list-style-type: none"> Recognise the place value of each digit in a two-digit number (tens, ones).
		<ul style="list-style-type: none"> Number line to 100 	1	Number – number and place value	<ul style="list-style-type: none"> 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.
		<ul style="list-style-type: none"> One more and one less 	1	Number – number and place value	<ul style="list-style-type: none"> Given a number, identify one more and one less.

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Term	Unit	Lesson titles	Year	Domain	Pupils should be taught to:
		<ul style="list-style-type: none"> Compare numbers 	1	Number – number and place value	<ul style="list-style-type: none"> 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.
	Unit 15, Money	<ul style="list-style-type: none"> Recognise coins 	1	Measurement	<ul style="list-style-type: none"> Recognise and know the value of different denominations of coins and notes.
		<ul style="list-style-type: none"> Recognise notes 	1	Measurement	<ul style="list-style-type: none"> Recognise and know the value of different denominations of coins and notes.
		<ul style="list-style-type: none"> Count in coins 	1	Measurement	<ul style="list-style-type: none"> Recognise and know the value of different denominations of coins and notes.
	Unit 16, Time	<ul style="list-style-type: none"> Before and after 	1	Measurement	<ul style="list-style-type: none"> Sequence events in chronological order using language [for example, before and after, next, first, today, yesterday, tomorrow, morning, afternoon and evening].
		<ul style="list-style-type: none"> Days of the week 	1	Measurement	<ul style="list-style-type: none"> Recognise and use language relating to dates, including days of the week, weeks, months and years.
		<ul style="list-style-type: none"> Months of the year 	1	Measurement	<ul style="list-style-type: none"> Recognise and use language relating to dates, including days of the week, weeks, months and years.
		<ul style="list-style-type: none"> Tell the time to the hour 	1	Measurement	<ul style="list-style-type: none"> Tell the time to the hour and half past the hour and draw the hands on a clock face to show these times.
		<ul style="list-style-type: none"> Tell the time to the half hour 	1	Measurement	<ul style="list-style-type: none"> Tell the time to the hour and half past the hour and draw the hands on a clock face to show these times.

Year 2

Power Maths Year 2			National curriculum programmes of study		
Term	Unit	Lesson titles	Year	Domain	Pupils should be taught to:
Textbook 2A	Unit 1, Numbers to 100	• Numbers to 20	1	Number – number and place value	<ul style="list-style-type: none"> Count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number. Read and write numbers from 1 to 20 in numerals and words.
		• Count in 10s	1	Number – number and place value	<ul style="list-style-type: none"> Count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number.
		• Count in 10s and 1s	2	Number – number and place value	<ul style="list-style-type: none"> Recognise the place value of each digit in a two-digit number (tens, ones). Identify, represent and estimate numbers using different representations, including the number line.
		• Recognise 10s and 1s	2	Number – number and place value	<ul style="list-style-type: none"> Recognise the place value of each digit in a two-digit number (tens, ones). Identify, represent and estimate numbers using different representations, including the number line.
		• Build a number from 10s and 1s	2	Number – number and place value	<ul style="list-style-type: none"> Recognise the place value of each digit in a two-digit number (tens, ones). Identify, represent and estimate numbers using different representations, including the number line.
		• Use a place value grid	2	Number – number and place value	<ul style="list-style-type: none"> Recognise the place value of each digit in a two-digit number (tens, ones). Identify, represent and estimate numbers using different representations, including the number line.

Power Maths Year 2			National curriculum programmes of study		
Term	Unit	Lesson titles	Year	Domain	Pupils should be taught to:
		<ul style="list-style-type: none"> Partition numbers to 100 	2	Number – number and place value	<ul style="list-style-type: none"> Recognise the place value of each digit in a two-digit number (tens, ones). Identify, represent and estimate numbers using different representations, including the number line.
		<ul style="list-style-type: none"> Partition numbers flexibly within 100 	2	Number – number and place value	<ul style="list-style-type: none"> Recognise the place value of each digit in a two-digit number (tens, ones). Identify, represent and estimate numbers using different representations, including the number line.
		<ul style="list-style-type: none"> Write numbers to 100 in expanded form 	2	Number – number and place value	<ul style="list-style-type: none"> Recognise the place value of each digit in a two-digit number (tens, ones). Read and write numbers to at least 100 in numerals and in words.
		<ul style="list-style-type: none"> 10s on a number line to 100 	2	Number – number and place value	<ul style="list-style-type: none"> Identify, represent and estimate numbers using different representations, including the number line.
		<ul style="list-style-type: none"> 10s and 1s on a number line to 100 	2	Number – number and place value	<ul style="list-style-type: none"> Recognise the place value of each digit in a two-digit number (tens, ones). Identify, represent and estimate numbers using different representations, including the number line.
		<ul style="list-style-type: none"> Estimate numbers on a number line 	2	Number – number and place value	<ul style="list-style-type: none"> Identify, represent and estimate numbers using different representations, including the number line.
		<ul style="list-style-type: none"> Compare numbers (1) 	2	Number – number and place value	<ul style="list-style-type: none"> Compare and order numbers from 0 up to 100; use $<$, $>$ and $=$ signs. Identify, represent and estimate numbers using different representations, including the number line.
		<ul style="list-style-type: none"> Compare numbers (2) 	2	Number – number and place value	<ul style="list-style-type: none"> Compare and order numbers from 0 up to 100; use $<$, $>$ and $=$ signs.
		<ul style="list-style-type: none"> Order numbers 	2	Number – number and place value	<ul style="list-style-type: none"> Compare and order numbers from 0 up to 100; use $<$, $>$ and $=$ signs.



Power Maths Year 2			National curriculum programmes of study		
Term	Unit	Lesson titles	Year	Domain	Pupils should be taught to:
		<ul style="list-style-type: none"> Count in 2s, 5s and 10s 	2	Number – number and place value	<ul style="list-style-type: none"> Count in steps of 2, 3, and 5 from 0, and in tens from any number, forward and backward.
		<ul style="list-style-type: none"> Count in 3s 	2	Number – number and place value	<ul style="list-style-type: none"> Count in steps of 2, 3, and 5 from 0, and in tens from any number, forward and backward.
	Unit 2, Addition and subtraction (1)	<ul style="list-style-type: none"> Fact families 	2	Number – addition and subtraction	<ul style="list-style-type: none"> Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100.
		<ul style="list-style-type: none"> Learn number bonds 	2	Number – addition and subtraction	<ul style="list-style-type: none"> Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100.
		<ul style="list-style-type: none"> Add and subtract two multiples of 10 	2	Number – addition and subtraction	<ul style="list-style-type: none"> Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100.
		<ul style="list-style-type: none"> Complements to 100 (tens) 	2	Number – addition and subtraction	<ul style="list-style-type: none"> Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100.
		<ul style="list-style-type: none"> Add and subtract 1s 	2	Number – addition and subtraction	<ul style="list-style-type: none"> Add and subtract numbers using concrete objects, pictorial representations, and mentally, including: a two-digit number and ones. Solve problems with addition and subtraction: using concrete objects and pictorial representations, including those involving numbers, quantities and measures.
		<ul style="list-style-type: none"> Add by making 10 	2	Number – addition and subtraction	<ul style="list-style-type: none"> Add and subtract numbers using concrete objects, pictorial representations, and mentally, including: two two-digit numbers. Solve problems with addition and subtraction: applying their increasing knowledge of mental and written methods.



Power Maths Year 2			National curriculum programmes of study		
Term	Unit	Lesson titles	Year	Domain	Pupils should be taught to:
		<ul style="list-style-type: none"> Add using a number line 	2	Number – addition and subtraction	<ul style="list-style-type: none"> Add and subtract numbers using concrete objects, pictorial representations, and mentally, including: two two-digit numbers. Solve problems with addition and subtraction: applying their increasing knowledge of mental and written methods.
		<ul style="list-style-type: none"> Add three 1-digit numbers 	2	Number – addition and subtraction	<ul style="list-style-type: none"> Add and subtract numbers using concrete objects, pictorial representations, and mentally, including: adding three one-digit numbers. Solve problems with addition and subtraction: applying their increasing knowledge of mental and written methods.
		<ul style="list-style-type: none"> Add to the next 10 	2	Number – addition and subtraction	<ul style="list-style-type: none"> Add and subtract numbers using concrete objects, pictorial representations, and mentally, including: a two-digit number and ones.
		<ul style="list-style-type: none"> Add across a 10 	2	Number – addition and subtraction	<ul style="list-style-type: none"> Add and subtract numbers using concrete objects, pictorial representations, and mentally, including: a two-digit number and ones. Solve problems with addition and subtraction: using concrete objects and pictorial representations, including those involving numbers, quantities and measures.
		<ul style="list-style-type: none"> Subtract across a 10 	2	Number – addition and subtraction	<ul style="list-style-type: none"> Add and subtract numbers using concrete objects, pictorial representations, and mentally, including: a two-digit number and ones. Solve problems with addition and subtraction: using concrete objects and pictorial representations, including those involving numbers, quantities and measures.



Power Maths Year 2			National curriculum programmes of study		
Term	Unit	Lesson titles	Year	Domain	Pupils should be taught to:
		<ul style="list-style-type: none"> Subtract from a 10 	2	Number – addition and subtraction	<ul style="list-style-type: none"> Add and subtract numbers using concrete objects, pictorial representations, and mentally, including: two two-digit numbers. Solve problems with addition and subtraction: applying their increasing knowledge of mental and written methods.
		<ul style="list-style-type: none"> Subtract a 1-digit number from a 2-digit number – across 10 	2	Number – addition and subtraction	<ul style="list-style-type: none"> Add and subtract numbers using concrete objects, pictorial representations, and mentally, including: a two-digit number and ones. Solve problems with addition and subtraction: using concrete objects and pictorial representations, including those involving numbers, quantities and measures.
	Unit 3, Addition and subtraction (2)	<ul style="list-style-type: none"> 10 more, 10 less 	2	Number – number and place value	<ul style="list-style-type: none"> Count in steps of 2, 3, and 5 from 0, and in tens from any number, forward and backward.
Number – addition and subtraction				<ul style="list-style-type: none"> Solve problems with addition and subtraction: using concrete objects and pictorial representations, including those involving numbers, quantities and measures. 	
<ul style="list-style-type: none"> Add and subtract 10s 		2	Number – addition and subtraction	<ul style="list-style-type: none"> Add and subtract numbers using concrete objects, pictorial representations, and mentally, including: a two-digit number and tens. Solve problems with addition and subtraction: using concrete objects and pictorial representations, including those involving numbers, quantities and measures. 	



Power Maths Year 2			National curriculum programmes of study		
Term	Unit	Lesson titles	Year	Domain	Pupils should be taught to:
		<ul style="list-style-type: none"> Add two 2-digit numbers – add 10s and add 1s 	2	Number – addition and subtraction	<ul style="list-style-type: none"> Add and subtract numbers using concrete objects, pictorial representations, and mentally, including: two two-digit numbers. Solve problems with addition and subtraction: applying their increasing knowledge of mental and written methods.
		<ul style="list-style-type: none"> Add two 2-digit numbers – add more 10s then more 1s 	2	Number – addition and subtraction	<ul style="list-style-type: none"> Add and subtract numbers using concrete objects, pictorial representations, and mentally, including: two two-digit numbers. Solve problems with addition and subtraction: applying their increasing knowledge of mental and written methods.
		<ul style="list-style-type: none"> Subtract a 2-digit number from a 2-digit number – not across 10 	2	Number – addition and subtraction	<ul style="list-style-type: none"> Add and subtract numbers using concrete objects, pictorial representations, and mentally, including: two two-digit numbers. Solve problems with addition and subtraction: applying their increasing knowledge of mental and written methods.
		<ul style="list-style-type: none"> Subtract a 2-digit number from a 2-digit number – across 10 	2	Number – addition and subtraction	<ul style="list-style-type: none"> Add and subtract numbers using concrete objects, pictorial representations, and mentally, including: two two-digit numbers. Solve problems with addition and subtraction: applying their increasing knowledge of mental and written methods.
		<ul style="list-style-type: none"> How many more? How many fewer? 	2	Number – addition and subtraction	<ul style="list-style-type: none"> Add and subtract numbers using concrete objects, pictorial representations, and mentally, including: two two-digit numbers. Solve problems with addition and subtraction: applying their increasing knowledge of mental and written methods.



Power Maths Year 2			National curriculum programmes of study		
Term	Unit	Lesson titles	Year	Domain	Pupils should be taught to:
		<ul style="list-style-type: none"> Subtraction – find the difference 	2	Number – addition and subtraction	<ul style="list-style-type: none"> Solve problems with addition and subtraction: using concrete objects and pictorial representations, including those involving numbers, quantities and measures.
		<ul style="list-style-type: none"> Compare number sentences 	2	Number – addition and subtraction	<ul style="list-style-type: none"> 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.
		<ul style="list-style-type: none"> Missing number problems 	2	Number – addition and subtraction	<ul style="list-style-type: none"> 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.
		<ul style="list-style-type: none"> Mixed addition and subtraction 	2	Number – addition and subtraction	<ul style="list-style-type: none"> Solve problems with addition and subtraction: using concrete objects and pictorial representations, including those involving numbers, quantities and measures. Solve problems with addition and subtraction: applying their increasing knowledge of mental and written methods.

Power Maths Year 2			National curriculum programmes of study		
Term	Unit	Lesson titles	Year	Domain	Pupils should be taught to:
		<ul style="list-style-type: none"> Two-step problems 	2	Number – addition and subtraction	<ul style="list-style-type: none"> Solve problems with addition and subtraction: using concrete objects and pictorial representations, including those involving numbers, quantities and measures. Solve problems with addition and subtraction: applying their increasing knowledge of mental and written methods.
	Unit 4, Properties of shapes	<ul style="list-style-type: none"> Recognise 2D and 3D shapes 	2	Geometry – properties of shape	<ul style="list-style-type: none"> Compare and sort common 2D and 3D shapes and everyday objects.
		<ul style="list-style-type: none"> Count sides on 2D shapes 	2	Geometry – properties of shape	<ul style="list-style-type: none"> Identify and describe the properties of 2D shapes, including the number of sides and line symmetry in a vertical line.
		<ul style="list-style-type: none"> Count vertices on 2D shapes 	2	Geometry – properties of shape	<ul style="list-style-type: none"> Identify and describe the properties of 2D shapes, including the number of sides and line symmetry in a vertical line.
		<ul style="list-style-type: none"> Draw 2D shapes 	2	Geometry – properties of shape	<ul style="list-style-type: none"> Identify and describe the properties of 2D shapes, including the number of sides and line symmetry in a vertical line.
		<ul style="list-style-type: none"> Lines of symmetry on shapes 	2	Geometry – properties of shape	<ul style="list-style-type: none"> Identify and describe the properties of 2D shapes, including the number of sides and line symmetry in a vertical line.
		<ul style="list-style-type: none"> Sort 2D shapes 	2	Geometry – properties of shape	<ul style="list-style-type: none"> Compare and sort common 2D and 3D shapes and everyday objects.
		<ul style="list-style-type: none"> Make patterns with 2D shapes 	2	Geometry – properties of shape	<ul style="list-style-type: none"> Order and arrange combinations of mathematical objects in patterns and sequences.
		<ul style="list-style-type: none"> Count faces on 3D shapes 	2	Geometry – properties of shape	<ul style="list-style-type: none"> Identify and describe the properties of 3D shapes, including the number of edges, vertices and faces.
		<ul style="list-style-type: none"> Count edges on 3D shapes 	2	Geometry – properties of shape	<ul style="list-style-type: none"> Identify and describe the properties of 3D shapes, including the number of edges, vertices and faces.



Power Maths Year 2			National curriculum programmes of study		
Term	Unit	Lesson titles	Year	Domain	Pupils should be taught to:
		• Count vertices on 3D shapes	2	Geometry – properties of shape	• Identify and describe the properties of 3D shapes, including the number of edges, vertices and faces.
		• Sort 3D shapes	2	Geometry – properties of shape	• Compare and sort common 2D and 3D shapes and everyday objects.
		• Make patterns with 3D shapes	2	Geometry – properties of shape	• Order and arrange combinations of mathematical objects in patterns and sequences.
Textbook 2B	Unit 5, Money	• Count money – pence	2	Measurement	• Recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value.
			1	Measurement	• Recognise and know the value of different denominations of coins and notes.
		• Count money – pounds (notes and coins)	2	Measurement	• Recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value.
			1	Measurement	• Recognise and know the value of different denominations of coins and notes.
		• Count money – pounds and pence	2	Measurement	• Recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value.
			1	Measurement	• Recognise and know the value of different denominations of coins and notes.
		• Choose notes and coins	2	Measurement	• Recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value.
		• Make the same amount	2	Measurement	• Find different combinations of coins that equal the same amounts of money.
• Compare amounts of money	2	Measurement	• Solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change.		



Power Maths Year 2			National curriculum programmes of study		
Term	Unit	Lesson titles	Year	Domain	Pupils should be taught to:
		• Calculate with money	2	Measurement	• Solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change.
		• Make £1	2	Measurement	• Recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value.
		• Find change	2	Measurement	• Solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change.
		• Two-step problems	2	Measurement	• Solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change.
	Unit 6, Multiplication and division (1)	• Recognise equal groups	2	Number – 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.
			1	Number – multiplication and 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.
		• Make equal groups	2	Number – 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.



Power Maths Year 2			National curriculum programmes of study		
Term	Unit	Lesson titles	Year	Domain	Pupils should be taught to:
		<ul style="list-style-type: none"> Add equal groups 	2	Number – multiplication and division	<ul style="list-style-type: none"> Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts.
		<ul style="list-style-type: none"> The \times sign 	2	Number – multiplication and division	<ul style="list-style-type: none"> Calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (\times), division (\div) and equals ($=$) signs.
		<ul style="list-style-type: none"> Multiplication sentences 	2	Number – multiplication and division	<ul style="list-style-type: none"> Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts.
		<ul style="list-style-type: none"> Use arrays 	2	Number – multiplication and division	<ul style="list-style-type: none"> 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.
		<ul style="list-style-type: none"> Make equal groups – grouping 	2	Number – multiplication and division	<ul style="list-style-type: none"> 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			National curriculum programmes of study		
Term	Unit	Lesson titles	Year	Domain	Pupils should be taught to:
		<ul style="list-style-type: none"> • Make equal groups – sharing 	2	Number – multiplication and division	<ul style="list-style-type: none"> • Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts.
	Unit 7, Multiplication and division (2)	<ul style="list-style-type: none"> • 2 times-table 	2	Number – multiplication and division	<ul style="list-style-type: none"> • Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers.
		<ul style="list-style-type: none"> • Divide by 2 	2	Number – multiplication and division	<ul style="list-style-type: none"> • Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers.
		<ul style="list-style-type: none"> • Double and halve 	2	Number – multiplication and division	<ul style="list-style-type: none"> • Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers. • Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts.
		<ul style="list-style-type: none"> • Odd and even numbers 	2	Number – multiplication and division	<ul style="list-style-type: none"> • Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers.
		<ul style="list-style-type: none"> • 10 times-table 	2	Number – multiplication and division	<ul style="list-style-type: none"> • Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers.
		<ul style="list-style-type: none"> • Divide by 10 	2	Number – multiplication and division	<ul style="list-style-type: none"> • Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers.



Power Maths Year 2			National curriculum programmes of study		
Term	Unit	Lesson titles	Year	Domain	Pupils should be taught to:
		<ul style="list-style-type: none"> • 5 times-table 	2	Number – multiplication and division	<ul style="list-style-type: none"> • Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers.
		<ul style="list-style-type: none"> • Divide by 5 	2	Number – multiplication and division	<ul style="list-style-type: none"> • Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers.
		<ul style="list-style-type: none"> • Bar modelling – grouping 	2	Number – multiplication and division	<ul style="list-style-type: none"> • Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts.
		<ul style="list-style-type: none"> • Bar modelling – sharing 	2	Number – multiplication and division	<ul style="list-style-type: none"> • Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts.
	Unit 8, Length and height	<ul style="list-style-type: none"> • Measure in cm 	2	Measurement	<ul style="list-style-type: none"> • 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.
		<ul style="list-style-type: none"> • Measure in m 	2	Measurement	<ul style="list-style-type: none"> • 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 2			National curriculum programmes of study		
Term	Unit	Lesson titles	Year	Domain	Pupils should be taught to:
		• Compare lengths and heights	2	Measurement	• Compare and order lengths, mass, volume/capacity and record the results using $>$, $<$ and $=$.
		• Order lengths and heights	2	Measurement	• Compare and order lengths, mass, volume/capacity and record the results using $>$, $<$ and $=$.
		• Four operations with lengths and heights	2	Number – addition and subtraction	• Solve problems with addition and subtraction using concrete objects and pictorial representations, including those involving numbers, quantities and measures.
	Unit 9, Mass, capacity and temperature	• Compare mass	2	Measurement	• Compare and order lengths, mass, volume/capacity and record the results using $>$, $<$ and $=$.
		• Measure in grams	2	Measurement	• Choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm); mass (kg/g); temperature ($^{\circ}$ C); capacity (litres/ml) to the nearest appropriate unit, using rulers, scales, thermometers and measuring vessels.
		• Measure in kilograms	2	Measurement	• Choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm); mass (kg/g); temperature ($^{\circ}$ C); capacity (litres/ml) to the nearest appropriate unit, using rulers, scales, thermometers and measuring vessels.
		• Compare volume and capacity	2	Measurement	• Compare and order lengths, mass, volume/capacity and record the results using $>$, $<$ and $=$.

Power Maths Year 2			National curriculum programmes of study		
Term	Unit	Lesson titles	Year	Domain	Pupils should be taught to:
		<ul style="list-style-type: none"> Measure in millilitres 	2	Measurement	<ul style="list-style-type: none"> Choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm); mass (kg/g); temperature ($^{\circ}\text{C}$); capacity (litres/ml) to the nearest appropriate unit, using rulers, scales, thermometers and measuring vessels.
		<ul style="list-style-type: none"> Measure in litres 	2	Measurement	<ul style="list-style-type: none"> Choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm); mass (kg/g); temperature ($^{\circ}\text{C}$); capacity (litres/ml) to the nearest appropriate unit, using rulers, scales, thermometers and measuring vessels.
		<ul style="list-style-type: none"> Measure temperature using a thermometer 	2	Measurement	<ul style="list-style-type: none"> Choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm); mass (kg/g); temperature ($^{\circ}\text{C}$); capacity (litres/ml) to the nearest appropriate unit, using rulers, scales, thermometers and measuring vessels.
		<ul style="list-style-type: none"> Read thermometers 	2	Measurement	<ul style="list-style-type: none"> Choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm); mass (kg/g); temperature ($^{\circ}\text{C}$); capacity (litres/ml) to the nearest appropriate unit, using rulers, scales, thermometers and measuring vessels.
Textbook 2C	Unit 10, Fractions	<ul style="list-style-type: none"> Introducing parts and wholes 	1	Number – fractions	<ul style="list-style-type: none"> 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.



Power Maths Year 2			National curriculum programmes of study		
Term	Unit	Lesson titles	Year	Domain	Pupils should be taught to:
		<ul style="list-style-type: none"> Equal and unequal parts 	1	Number – fractions	<ul style="list-style-type: none"> Recognise, find and name a half as one of two equal parts of an object, shape or quantity.
		<ul style="list-style-type: none"> Recognise a half 	1	Number – fractions	<ul style="list-style-type: none"> Recognise, find and name a half as one of two equal parts of an object, shape or quantity.
		<ul style="list-style-type: none"> Find a half 	1	Number – fractions	<ul style="list-style-type: none"> Recognise, find and name a half as one of two equal parts of an object, shape or quantity.
		<ul style="list-style-type: none"> Recognise a quarter 	1	Number – fractions	<ul style="list-style-type: none"> Recognise, find and name a quarter as one of four equal parts of an object, shape or quantity.
			2	Number – fractions	<ul style="list-style-type: none"> 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.
		<ul style="list-style-type: none"> Find a quarter 	1	Number – fractions	<ul style="list-style-type: none"> Recognise, find and name a quarter as one of four equal parts of an object, shape or quantity.
			2	Number – fractions	<ul style="list-style-type: none"> 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.
		<ul style="list-style-type: none"> Thirds 	2	Number – fractions	<ul style="list-style-type: none"> 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.
		<ul style="list-style-type: none"> Find the whole 	2	Number – fractions	<ul style="list-style-type: none"> 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.
		<ul style="list-style-type: none"> Unit and non-unit fractions 	2	Number – fractions	<ul style="list-style-type: none"> Write simple fractions [for example, $\frac{1}{2}$ of 6 = 3] and recognise the equivalence of $\frac{2}{4}$ and $\frac{1}{2}$.



Power Maths Year 2			National curriculum programmes of study		
Term	Unit	Lesson titles	Year	Domain	Pupils should be taught to:
		<ul style="list-style-type: none"> Recognise the equivalence of a half and two quarters 	2	Number – fractions	<ul style="list-style-type: none"> Write simple fractions [for example, $\frac{1}{2}$ of 6 = 3] and recognise the equivalence of $\frac{2}{4}$ and $\frac{1}{2}$.
		<ul style="list-style-type: none"> Recognise three quarters 	2	Number – fractions	<ul style="list-style-type: none"> 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.
		<ul style="list-style-type: none"> Count in fractions up to a whole 	2	Number – fractions	<ul style="list-style-type: none"> Non-statutory guidance: Pupils should count in fractions up to 10, starting from any number and using the $\frac{1}{2}$ and $\frac{2}{4}$ equivalence on the number line (for example, $1\frac{1}{4}$, $1\frac{2}{4}$ (or $1\frac{1}{2}$), $1\frac{3}{4}$, 2).
	Unit 11, Time	<ul style="list-style-type: none"> O'clock and half past 	1	Measurement	<ul style="list-style-type: none"> Tell the time to the hour and half past the hour and draw the hands on a clock face to show these times.
		<ul style="list-style-type: none"> Quarter past and quarter to 	2	Measurement	<ul style="list-style-type: none"> 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.
		<ul style="list-style-type: none"> Tell the time to 5 minutes 	2	Measurement	<ul style="list-style-type: none"> 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.
		<ul style="list-style-type: none"> Minutes in an hour 	2	Measurement	<ul style="list-style-type: none"> Know the number of minutes in an hour and the number of hours in a day.
		<ul style="list-style-type: none"> Hours in a day 	2	Measurement	<ul style="list-style-type: none"> Know the number of minutes in an hour and the number of hours in a day.

Power Maths Year 2			National curriculum programmes of study		
Term	Unit	Lesson titles	Year	Domain	Pupils should be taught to:
	Unit 12, Problem solving and efficient methods	<ul style="list-style-type: none"> My way, your way! 	2	Number – number and place value	<ul style="list-style-type: none"> Use place value and number facts to solve problems.
				Number – addition and subtraction	<ul style="list-style-type: none"> Recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems.
		<ul style="list-style-type: none"> Use number facts 	2	Number – addition and subtraction	<ul style="list-style-type: none"> Use place value and number facts to solve problems.
		<ul style="list-style-type: none"> Use a 100 square 	2	Number – addition and subtraction	<ul style="list-style-type: none"> 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.
		<ul style="list-style-type: none"> Getting started 	2	Number – addition and subtraction	<ul style="list-style-type: none"> 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.
		<ul style="list-style-type: none"> Missing numbers 	2	Number – addition and subtraction	<ul style="list-style-type: none"> Recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems.
		<ul style="list-style-type: none"> Mental addition and subtraction (1) 	2	Number – addition and subtraction	<ul style="list-style-type: none"> Use place value and number facts to solve problems. Solve problems with addition and subtraction: applying their increasing knowledge of mental and written methods.



Power Maths Year 2			National curriculum programmes of study		
Term	Unit	Lesson titles	Year	Domain	Pupils should be taught to:
		<ul style="list-style-type: none"> Mental addition and subtraction (2) 	2	Number – addition and subtraction	<ul style="list-style-type: none"> Use place value and number facts to solve problems. Solve problems with addition and subtraction: applying their increasing knowledge of mental and written methods.
		<ul style="list-style-type: none"> Efficient subtraction 	2	Number – addition and subtraction	<ul style="list-style-type: none"> Solve problems with addition and subtraction: using concrete objects and pictorial representations, including those involving numbers, quantities and measures.
		<ul style="list-style-type: none"> Solve problems – addition and subtraction 	2	Number – addition and subtraction	<ul style="list-style-type: none"> Use place value and number facts to solve problems. Solve problems with addition and subtraction: applying their increasing knowledge of mental and written methods.
		<ul style="list-style-type: none"> Solve problems – multiplication and division 	2	Number – addition and subtraction	<ul style="list-style-type: none"> Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts.
		<ul style="list-style-type: none"> Solve problems – using the four operations 	2	Number – addition and subtraction	<ul style="list-style-type: none"> Use place value and number facts to solve problems.
	Unit 13, Position and direction	<ul style="list-style-type: none"> Language of position 	2	Geometry – position and direction	<ul style="list-style-type: none"> 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).



Power Maths Year 2			National curriculum programmes of study		
Term	Unit	Lesson titles	Year	Domain	Pupils should be taught to:
		<ul style="list-style-type: none"> Describe movement 	2	Geometry – position and direction	<ul style="list-style-type: none"> 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).
		<ul style="list-style-type: none"> Describe turns 	2	Geometry – position and direction	<ul style="list-style-type: none"> 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).
		<ul style="list-style-type: none"> Describe movement and turns 	2	Geometry – position and direction	<ul style="list-style-type: none"> 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).
		<ul style="list-style-type: none"> Make patterns by turning shapes 	2	Geometry – position and direction	<ul style="list-style-type: none"> 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.



Power Maths Year 2			National curriculum programmes of study		
Term	Unit	Lesson titles	Year	Domain	Pupils should be taught to:
	Unit 14, Statistics	<ul style="list-style-type: none"> • Make tally charts 	2	Statistics	<ul style="list-style-type: none"> • Interpret and construct simple pictograms, tally charts, block diagrams and simple tables.
		<ul style="list-style-type: none"> • Tables 	2	Statistics	<ul style="list-style-type: none"> • Interpret and construct simple pictograms, tally charts, block diagrams and simple tables.
		<ul style="list-style-type: none"> • Block diagrams 	2	Statistics	<ul style="list-style-type: none"> • Interpret and construct simple pictograms, tally charts, block diagrams and simple tables.
		<ul style="list-style-type: none"> • Draw pictograms (1 to 1) 	2	Statistics	<ul style="list-style-type: none"> • Interpret and construct simple pictograms, tally charts, block diagrams and simple tables.
		<ul style="list-style-type: none"> • Interpret picograms (1 to 1) 	2	Statistics	<ul style="list-style-type: none"> • 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.
		<ul style="list-style-type: none"> • Draw pictograms (1 to 2, 5 or 10) 	2	Statistics	<ul style="list-style-type: none"> • Interpret and construct simple pictograms, tally charts, block diagrams and simple tables.
		<ul style="list-style-type: none"> • Interpret pictograms (1 to 2, 5 or 10) 	2	Statistics	<ul style="list-style-type: none"> • 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.