Power Maths - Yearly Overview Year 1

Autumn	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>
Miss A	Number					Nur	nber	Calcu	lculation Calculation				Consolidat	
Mon-Thur		Uni	it 1: Numbers	to 10		Unit 2: Pa	art Whole	Unit 3: Ad	ldition and	Unit 4: Addition and subtraction within 10 (2)				ion
			(12 lessons)			with	in 10	Subtraction	ns within 10	(12 lessons)				
		Sorting, cou	nting & writing	numbers to 10		(5 les	ssons)	()	1)	Subtractions				
		Counting forw	ards and backw	ards to/from 10		Part who	ole models	(6 les	sons)		Relate	d facts		
		On	e more and one	less		Numbe	er bonds	Finding a whole and a part Counting back						
		Comparing	groups, number	rs ana objects				Finding and making bonds,			DIJJE mnaring additio	Difference		
	Ordinal numbers Number line							addition facts and problem Word Problems			0113			
Mrc H				Coomotry				SON	virig		Mossuramont			<u> </u>
			l loit	Geometry	cconc)			Unit 10: Longth & Height /5 lossons)						
FII			Unit	5. Shape (5 le				Comparing length & Height (5 lessons)						
	Naming 3D shapes						Companing lengths and neights							
	Naming 2D shapes							Non-stundard measures						
	Creating Patterns							ivieasuring with a ruler						
							1		1	501	ning length probl	ems	1	

Spring	<u>1</u> <u>2</u>	2	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>
Miss A Mon-Thur	Number Unit 6: Numbers to 20 (7 lessons) Counting and writing numbers Tens and Ones 1 more and 1 less Comparing and ordering		Calculation Unit 7: Addition to 20 (6 Lessons) Number bonds to 20 Adding 1 digit to a two digit 1 step problems and missing numbers		Calculation Unit 8: Subtraction within 20 (8 lessons) Using numbers facts to 20 Add & subtract a 1 digit from a two digit number Word problems		Consolidatio n	Number Unit 9: Numbers to 50 (11 lessons) Counting to and across 50 Read and write numbers to 50 Tens and ones - Place value up to 50 Representing numbers Comparing and ordering up to 50 One step problems up to 50		Calculation Unit 12: Multiplication (6 lessons) Count in multiples of 2, 5 and 10 Equal groups, arrays, doubles, problem solving		
Mrs H Fri	Mea Unit 11: Weight Comparing & Comparing weig Comparing & Comparing capa Solving weight					(7 lessons) weight asurement capacity casurement problems				Unit 15: Po	Geometry sition & Directio Describing turns Describing Position	n (3 lessons) ¹⁵

Summer	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	Z	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>
Miss A Mon-Thur	Calcu Unit 13: I Iess Equal Sha Solving one s using o	Ilation Division (5 sons) groups tring step problems division	Frac Unit 14: I Quarters Finding Finding Solving pro frac	ctions Halves and (5 lessons) g halves quarters oblems with ctions	Unit 16: nu Coun E Pl Compari	Number umbers to 100 iting to and acros Exploring number Partitioning lace value up to 1 ing and ordering of Bonds to 100	(9 Lessons) 55 100 75 00 up to 100	Consolidati on	Measureme nt Unit 18: Money (3 lessons) Recognising coins and notes Adding coins	NFER	Catch up and revision		Final week consolidati on
Mrs H Fri	Measurement Unit 17: Time (7 les Before and after & Using Time to the hour & Time to t Writing time, Compari Solving time proble				sons) calendars he half hour ng time ms								

National Curriculum Objectives - below

Number: Place Value (Within 10) • Identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least. • Count to and across 100, forwards and backwards beginning with 0 or 1 or from	 <u>Calculations: Addition and Subtraction (within 10)</u> Read, write and interpret mathematical statements involving addition (+), subtraction (-) and equals (=) signs. Represent and use number bonds and related subtraction facts within 20 Using quantities and objects, children add and subtract 2 single-digit numbers and count on or back 	<u>Geometry: Shape</u> • Recognise and name common 2D and 3D shapes, including: - 2D shapes (for example, rectangles (including squares), circles and triangles) - 3D shapes (for example, cuboids (including cubes), pyramids and	Number: Place Value (Within 20) • 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
 Count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number. Count, read and write numbers to 100 in numerals; count in multiples of twos, fives and tens. Read and write numbers from 1 to 20 in numerals and words. Given a number, identify one more and one less. 	 Using quantities and objects, children add and subtract 2 single-digit numbers and count on or back to find the answer. Solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as 7 = ♦ -9. Add and subtract one-digit and two-digit numbers to 20, including zero. 	shapes (for example, cuboids (including cubes), pyramids and spheres).	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 Recognise the place value of each digit in a two-digit number (tens, ones). • Given a number, identify one more and one less.

Calculations: Addition and	Number: Place Value (Within 50,	Measurement: Length & Height	Measurement: Weight & Volume
Subtraction (within 20)	multiples of 2, 5, 10 to be included)	 Compare, describe and solve 	 Compare, describe and solve practical
 Using quantities and objects, 	 Count to and across 100, forwards 	practical problems for: - lengths and	problems for: - lengths and heights (for
children add and subtract 2 single-	and backwards, beginning with 0 or	heights (for example, long/short,	example, long/short, longer/shorter,
digit numbers and count on or back	1, or from any given number.	longer/shorter, tall/short, double/half)	tall/short, double/half) - mass/weight (for
to find the answer.	 Identify and represent numbers 	 mass/weight (for example, 	example, heavy/light, heavier than, lighter
 Add and subtract one-digit and 	using objects and pictorial	heavy/light, heavier than, lighter than)	than) - capacity and volume (for example,
two-digit numbers to 20, including	representations including the	 capacity and volume (for example, 	full/empty, more than, less than, half, half
zero.	number line, and use the language	full/empty, more than, less than, half,	full, quarter) - time (for example, quicker,
 Represent and use number bonds 	of: equal to, more than, less than	half full, quarter) - time (for example,	slower, earlier, later).
and related subtraction facts within	(fewer), most, least.	quicker, slower, earlier, later).	 Solve one-step problems that involve
20.	 Compare and order numbers from 	 Measure and begin to record the 	addition and subtraction, using concrete
 Solve one-step problems that 	0 up to 100; use and = signs.	following: - lengths and heights -	objects and pictorial representations, and
involve addition and subtraction,	Given a number, identify one more	mass/weight - capacity and volume -	missing number problems such as $7 = 4 - 9$.
using concrete objects and pictorial	and one less.	time (hours, minutes, seconds)	 Measure and begin to record the
representations, and missing	 Count, read and write numbers to 	 Solve one-step problems that involve 	following: - lengths and heights -
number problems such as $7 = 4 - 9$.	100 in numerals; count in multiples	addition and subtraction, using	mass/weight - capacity and volume - time
 Read, write and interpret 	of twos, fives and tens (twos)	concrete objects and pictorial	(hours, minutes, seconds).
mathematical statements involving	 Solve one-step problems that 	representations, and missing number	 Solve one-step problems that involve
addition (+), subtraction (-) and	involve addition and subtraction,	problems such as $7 = 4 - 9$.	addition and subtraction, using concrete
equals (=) signs	using concrete objects and pictorial	 Compare, describe and solve 	objects and pictorial representations, and
	representations, and missing number	practical problems for: - lengths and	missing number problems such as $7 = 4 - 9$.
	problems such as 7 = ♦ – 9	heights (for example, long/short,	
		longer/shorter, tall/short, double/half)	
		- mass/weight (for example,	
		heavy/light, heavier than, lighter than)	
		- capacity and volume (for example,	
		full/empty, more than, less than, half,	
		half full, quarter) - time (for example,	
		quicker, slower, earlier, later).	

Calculations:	Number: Fractions	<u>Geometry</u>	Number: Place Value (Within	Measurement: Time	Measurement: Money
Multiplication & Division	 Recognise, find and 	Position &	<u>100)</u>	 Sequence events in 	 Recognise and know
(Reinforce multiples of 2,	name a half as one of two	Direction	 Count to and across 100, 	chronological order using	the value of different
<u>5 and 10)</u>	equal parts of an object,	 Describe 	forwards and backwards,	language (for example, before	denominations of
 Count, read and write 	shape or quantity.	position,	beginning with 0 or 1, or from	and after, next, first, today,	coins and notes.
numbers to 100 in	 Recognise, find and 	direction and	any given number.	yesterday, tomorrow, morning,	 Count, read and
numerals; count in	name a quarter as one of	movement,	 Count, read and write 	afternoon and evening).	write numbers to 100
multiples of twos, fives	four equal parts of an	including	numbers to 100 in numerals;	 Recognise and use language 	in numerals; count in
and tens (multiples of	object, shape or quantity	whole, half,	count in multiples of twos,	relating to dates, including days	multiples of twos,
twos, fives and tens).		quarter and	fives and tens.	of the week, weeks, months and	fives and tens.
 Solve one-step 		three-quarter	 Identify and represent 	years.	 Recognise and use
problems involving		turns.	numbers using objects and	 Tell the time to the hour and 	symbols for pounds
multiplication and			pictorial representations	half past the hour and draw the	(£) and pence (p);
division, by calculating			including the number line, and	hands on a clock face to show	combine amounts to
the answer using			use the language of: equal to,	these times.	make a particular
concrete objects, pictorial			more than, less than (fewer),	 Measure and begin to record 	value.
representations and			most, least.	the following: - lengths and	
arrays with the support of			• Given a number, identify	heights - mass/weight - capacity	
the teacher.			one more and one less.	and volume - time (hours,	
			Compare and order	minutes, seconds).	
			numbers from 0 up to 100;	• Solve one-step problems that	
			use and = signs.	involve addition and subtraction,	
			Represent and use number	using concrete objects and	
			foots within 20	pictorial representations, and	
				ds $7 = 4 - 9$. 1	
				• compare, describe and solve	
				and heights (for example	
				long/short_longer/shorter	
				tall/short_double/balf) -	
				mass/weight (for example	
				heavy/light heavier than lighter	
				than) - canacity and volume (for	
				example, full/empty, more than	
				less than, half, half full, guarter) -	
				time (for example, guicker	
				slower, earlier, later).	