



Power	Wk	National Curriculum Objective	Small Steps
Maths			·
Unit	1		Decrees and restition assets 1000
4 S	1	Recognise the place value of each digit in a four-digit number (1,000s, 100s, 10s, and 1s)	Represent and partition numbers to 1000, Number line to 1000, Partition 4 digit numbers,
1 ue-		• Count in multiples of 6, 7, 9, 25 and 1,000	Multiples of 1000
Unit 1 Place Value-4 digit numbers		Identify, represent and estimate numbers using different representations	4 digit numbers
U ace git r	2	• Recognise the place value of each digit in a four-digit number (1,000s, 100s, 10s, and 1s)	Partition 4 digit numbers flexibly
⊒ i		• Find 1,000 more or less than a given number	1,10,100,1000 more or less 1000s, 100s, 10s and 1s
	3	• identify, represent and estimate numbers using different representations	Number line to 10,000
Œ.		• Recognise the place value of each digit in a four-digit number (1,000s, 10s, and 1s)	Between 2 multiples
4 di		Order and compare numbers beyond 1,000	Estimate on a number line to 10,000, Compare
lue-			and order numbers to 10,000 Round and order numbers to 10,000
Unit 2 ice Val mbers		• Round any number to the nearest 10, 100 or 1,000	· · · · · · · · · · · · · · · · · · ·
Unit 2 Place Value-4 digit numbers	4	Round any number to the nearest 10, 100 or 1,000	Round to the nearest 100, Round to the nearest 10, Round to the nearest 1000, 100,10
	5	add and subtract numbers with up to 4 digits using the formal written methods of columnar addition	Add and subtract 1s,10s,100s,1000s, Add two 4
		and subtraction where appropriate	digit numbers, Add two 4 digit numbers (one
			exchange), Add with more than one exchange,
on (2)	6	add and subtract numbers with up to 4 digits using the formal written methods of columnar addition	Subtract two 4 digit numbers Subtract two 4 digit numbers (one exchange),
actic		and subtraction where appropriate	Subtract two 4 digit numbers (more than one
Subtr			exchange), Exchange across two columns,
and 8		estimate and use inverse operations to check answers to a calculation	Efficient methods, Equivalence difference
3 tion 8	7	estimate and use inverse operations to check answers to a calculation	Estimate answers, Check strategies, Problem solving (one step), Problem solving
Unit 3 Addition and Subtraction (2)		solve addition and subtraction two- step problems in contexts, deciding which operations and methods to use and why	(comparison), Problem solving (two steps)
		inethious to use driu writy	
t 3	1	a colve addition and subtraction two stan problems in contexts deciding which exerctions and mathods	Problem solving (multi step)
Unit 3 Cont	1	• solve addition and subtraction two- step problems in contexts, deciding which operations and methods to use and why	Problem solving (main step)
urer	2	Find the area of rectilinear shapes by counting squares	What is area? Measure area using squares, Count
Unit 4 Measurer Area			squares, Make shapes
	2	• Estimate, compare and calculate different measures, including money in pounds and pence	Compare area
Unit 5 Multiplic ation and	3	ullet Recall multiplication and division facts for multiplication tables up to $12 imes 12$	Multiples of 3, Multiply and divide by 6, 6 times tables and division facts, Multiply and
Unit 5 Multip ation and			divide by 9, 9 times tables and division facts

4	 Recall multiplication and division facts for multiplication tables up to 12 × 12 use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1; multiplying together three numbers 	The 3,6 and 9 times tables, Multiply and divide by 7, 7 times tables and division facts, 11 and 12 times tables and division facts, Multiply by 1 and 0.
5	• use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1; multiplying together three numbers	Divide by 1 and itself, Multiply by 3 numbers





Power Maths Unit	Wk	National Curriculum Objective	Small Steps
	1	Recognise and use factor pairs and commutativity in mental calculations	Factor pairs, Multiply and divide by 10, Multiply and divide by 100, Related facts (x), Related facts (\div) ,
	2	 solve problems involving multiplying and adding, including using the distributive law to multiply two digit numbers by one digit, integer scaling problems and harder correspondence problems such as n objects are connected to m objects multiply two-digit and three-digit numbers by a one-digit number using formal written layout 	Multiply and add, Solve multiplication problmes Informal written methods, Multiply 2 digit by 1 digit, Multiply 3 digits by 1 digit,
ation sion (2)	3	 recognise and use factor pairs and commutativity in mental calculations multiply two-digit and three-digit numbers by a one-digit number using formal written layout use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1; multiplying together three numbers 	Basic division, correspondence problems Division and remainders, Divide 2 digit numbers, Divide 3 digit numbers,
Unit 6 Multiplication and Division (2)	4	• solve problems involving multiplying and adding, including using the distributive law to multiply two digit numbers by one digit, integer scaling problems and harder correspondence problems such as n objects are connected to m objects	Efficient multiplication
Uni t 7 Len	5	 measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml) measure the perimeter of simple 2D shapes 	Compare lengths, Add lengths, Subtract lengths, Measure perimeter, Calculate perimeter
	6	measure the perimeter of simple 2D shapes	Problem Solving-length
Ø	1	 Non-statutory guidance: They practise counting using simple fractions and decimals, both forwards and backwards Reason about the location of mixed numbers in the linear number system (Ready to progress criteria (4F–1)) Convert mixed numbers to improper fractions and vice versa (Ready to progress criteria (4F–2)) 	Count beyond 1, Partition a mixed number, Number lines with mixed numbers, Compare and order mixed numbers, Convert mixed numbers to improper fractions
Unit 8 Fractions	2	 Convert mixed numbers to improper fractions and vice versa (Ready to progress criteria (4F-2)) recognise and show, using diagrams, families of common equivalent fractions 	Convert improper fractions to mixed numbers, Equivalent fractions, Equivalent fraction families, Simplifying fraction
()	3	 add and subtract fractions with the same denominator solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number 	Add/subtract 2 or more fractions, add fractions and mixed numbers, Subtract from mixed numbers, Subtract from whole numbers Problem solving (+/-) fractions
Unit 9 Fractions (2)	4	•solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number	Problem solving (+/- fractions), Problem solving (fraction of amount) Fraction of an amount

Unit 10 Decimals	5	•recognise and write decimal equivalents of any number of tenths or hundredths	Tenths as fractions, tenths as decimals, Tenths on a pv grid, Tenths on a number line (2)
		 find the effect of dividing a one- or two-digit number by 10 and 100, identifying the value of the digits in the answer as ones, tenths and hundredths recognise and write decimal equivalents of any number of tenths or hundredths 	Divide 1 digit by 10, Divide 2 digits by 10, Hundredths as fractions, Hundredths as decimals, Hundredths on a pv gird
		•find the effect of dividing a one- or two-digit number by 10 and 100, identifying the value of the digits in the answer as ones, tenths and hundredths	Divide ½ digits by 100, Dividing by 10,100



Year 4 MTP-Summer Term

PM Unit	Wk	National Curriculum Objective	Small Steps
Unit 11 Decimals	1	 recognise and write decimal equivalents of any number of tenths or hundredth recognise and write decimal equivalents of any number of tenths or hundredths 4 4C Number – fractions (including decimals and percentages) 11 Decimals (2) 4 Compare decimals compare numbers with the same number of decimal places up to two decimal places 	Make a whole, Partitioning decimals, Flexible partitioning decimals, Compare decimals, Order decimals
	2	 round decimals with one decimal place to the nearest whole number recognise and write decimal equivalents to 1/4, 1/2, 3/4 	Round to the nearest whole, Halves and quarters as decimals
Unit 12 Money	3	estimate, compare and calculate different measures, including money in pounds and pence	Write money using decimals, Convert between pounds and pence, Compare amounts of money, Estimate with money, Calculate with money
⋾≥	4	estimate, compare and calculate different measures, including money in pounds and pence	Solve problems with money
Unit 13 Time	5	Convert between different units of measure [for example, kilometre to metre; hour to minute]	Year, months, weeks and days, Hours, minutes and seconds, Convert between analogue and digital times, Convert to 24 hr clock, Problem solving (converting time)
Unit 14 Angles and 2D shapes	6	 identify acute and obtuse angles and compare and order angles up to two right angles by size compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes 	Identify angles, Compare and order angle, Triangles, Quadrilaterals, Polygons,
Unit 14 Continued	1	 compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes identify lines of symmetry in 2D shapes presented in different orientations complete a simple symmetric figure with respect to a specific line of symmetry 	Reasoning about polygons, Lines of symmetry Complete a symmetric figure
Unit 15 Statistics	2	Interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs	Interpret charts, Solve problems with charts (2), Interpret graphs (2)
	3	 Interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs 	Draw line graphs
Unit 16 Position And		 Describe positions on a 2D grid as coordinates in the first quadrant plot specified points and draw sides to complete a given polygon describe movements between positions as translations of a given unit to the left/right and up/down describe movements between positions as translations of a given unit to the left/right and up/down 	Describe position, Describe position using coordinates, Plot coordinates, Draw 2D shapes on a grid, Translate on a grid, Describe translations on a grid
		- describe movements between positions as translations of a given unit to the left/ right and up/ down	