YEAR 4 SOW – 2022 2023

CP UNITS	Year 4 objectives	NOTES
AUTUMN 1 (7 weeks)		
Review of column addition and subtraction Unit 1 (3 weeks)	• add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate • estimate and use inverse operations to check answers to a calculation • solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why	Focus on language
Numbers to 10,000 Unit 2 (4 weeks)	• count in multiples of 25 and 1,000 • recognise the place value of each digit in a four-digit number (1,000s, 100s, 10s, and 1s) • order and compare numbers beyond 1,000 • identify, represent and estimate numbers using different representations • round any number to the nearest 10, 100 or 1,000 • solve number and practical problems that involve all of the above and with increasingly large positive numbers	
AUTUMN 2 (7 weeks)		
Numbers to 10,000 Unit 2 (cont) (1 week)	**See above**	
Perimeter Unit 3 (2 weeks)	• measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres • measure and calculate the perimeter of composite rectilinear shapes in centimetres and metres •	Area covered in year 5
Time Unit 11 (2 week)	• read, write and convert time between analogue and digital 12- and 24-hour clocks	Use Power Maths

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	• solve problems involving converting from hours to minutes, minutes to seconds, years to months, weeks to days	
SPRING 1 (6 weeks)		
3,6,9 times table (4 weeks)	• count in multiples of 6, 9 • 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 3 numbers	
7 times tables and patterns (2 weeks)	• count in multiples of 7 • 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 3 numbers	
SPRING 2 (6 weeks)		
Understanding and manipulating multiplicative relationships (5 weeks)	• recognise and use factor pairs and commutativity in mental calculations • multiply two-digit and three-digit numbers by a one-digit number using <mark>formal</mark> written layout • solve problems involving multiplying and adding, including using the distributive law to multiply two-digit numbers by 1 digit, integer scaling problems and harder correspondence problems such as n objects are connected to m objects	Written method used that will support formal written method in year 5.
Consolidation week		
SUMMER 1 (6 weeks)		
Review of fractions (1 week)		
Fractions Greater than 1 (5 weeks)	• add and subtract fractions with the same denominator • recognise mixed numbers and improper fractions and convert from one form to the other and write mathematical	Year 5 objective covered in year 4 material (in red)

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	statements > 1 as a mixed number [for example, $\frac{2}{5} + \frac{4}{5} = \frac{6}{5} = 1\frac{1}{5}$]	
SUMMER 2 (7 weeks)		
Division with remainders Unit 12 (2 weeks)	• recall multiplication and division facts for multiplication tables up to 12 × 12	
Coordinates unit 7 (2 weeks)	• describe positions on a 2-D grid as coordinates in the first quadrant • describe movements between positions as translations of a given unit to the left/right and up/down • plot specified points and draw sides to complete a given polygon • identify, describe and represent the position of a shape following a translation, using the appropriate language, and know that the shape has not changed.	Year 5 objective covered in year 4 material (in red)
Symmetry Unit 10 (2 weeks)	• identify lines of symmetry in 2-D shapes presented in different orientations • complete a simple symmetric figure with respect to a specific line of symmetry	

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