Joseph Turner Primary School
Year 4 – Maths MTP – Autumn 2023/2024 (v3)

	Weeks 1-4	Weeks 5-7	Week 8	Weeks 9-11
White Rose Maths Small Steps	**Number: Place Value** Represent numbers to 1000 Partition numbers to 1000 Numberline to 1000 Thousands Represent numbers to 10,000 Partition numbers to 10,000 Flexible partitioning of numbers to 10,000 Find 1, 10, 100 and 1000 more or less Number line to 10,000 Estimate on a number line to 10,000 Compare numbers to 10,000 Order numbers to 10,000 Roman numerals Round to the nearest 10 Round to the nearest 100 Round to the nearest 1,000 Round to the nearest 10, 100 or 1000	**Number: Addition and Subtraction** Add and subtract 1s, 10s, 100s and 1000s Add up to two 4-digit numbers – no exchange Add two 4 digit numbers – one exchange Add two 4 digit numbers – more than one exchange Subtract two 4-digit numbers – no exchange Subtract two 4-digit numbers – one exchange Subtract two 4-digit numbers – more than one exchange Efficient subtraction Estimate answers Checking strategies	**Measurement: Area** What is area? Count squares Make shapes Compare areas	**Number: Multiplication and Division A** ?Multiples of 3 Multiply and divide by 6 6 times-table and division facts Multiply and divide by 9 9 times-table and division facts The 3, 6 and 9 times-tables Multiply and divide by 7 7 times-table and division facts 11 times-table and division facts 12 times-table and division facts Multiply by 1 and 0 Divide a number by 1 and itself Multiply three numbers
NC Objective	Read and write numbers up to 1,000 in numerals and words (Y3) Recognise the place value of each digit in a 3-digit number (hundreds, tens, ones) (Y3) Identify, represent and estimate numbers using different representations Count in multiples of 6, 7, 9, 25 and 1,000 Find 1,000 more or less than a given number Order and compare numbers beyond 1,000 Read Roman numerals to 100 (I to C) and know that over time, the numeral system changed to include the concept of zero and place value Round any number to the nearest 10, 100 or 1,000	Add and subtract numbers with up to four digits using the formal written methods of columnar addition and subtraction where appropriate Solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why Estimate and use inverse operations to check answers to a calculation	Find the area of rectilinear shapes by counting squares	Recall multiplication and division facts for multiplication tables up to 12 × 12 Recognise and use factor pairs and commutativity in mental calculations Count in multiples of 6, 7, 9, 25 and 1,000 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
Ready to Progress Criteria	4NPV-1- Know that 10 hundreds are equivalent to 1 thousand, and that 1,000 is 10 times the size of 100; apply this to identify and work out how many 100s there are in other four-digit multiples of 100. 4NPV-2 - Recognise the place value of each digit in fourdigit numbers, and compose and decompose four-digit numbers using standard and non-standard partitioning. 4NPV-3 - Reason about the location of any 4-digit number in the linear number system, including identifying the previous & next multiple of 1,000 and 100, and rounding to the nearest of each 4NF-3 - Apply place-value knowledge to known additive and multiplicative number facts (scaling facts by 100)	4NF-3 - Apply place-value knowledge to known additive and multiplicative number facts (scaling facts by 100)	4G-2 -Identify regular polygons, including equilateral triangles and squares, as those in which the side lengths are equal and the angles are equal. Find the perimeter of regular and irregular polygons.	4NPV-1- Know that 10 hundreds are equivalent to 1 thousand, and that 1,000 is 10 times the size of 100; apply this to identify and work out how many 100s there are in other four-digit multiples of 100. 4NF-1- Recall multiplication and division facts up to 12 × 12 and recognise products in multiplication tables as multiples of the corresponding number. 4MD-1 - Multiply and divide whole numbers by 10 and 100 (keeping to whole number quotients); understand this as equivalent to making a number 10 or 100 times the size. 4MD-2 - Manipulate multiplication and division equations, and understand and apply the commutative property of multiplication.