



	Joseph Turner Primary School Year 3 – Maths MTP – Autumn 2023/2024 (v3)		
	Weeks 1-3	Weeks 4-6	Weeks 9-12
White Rose Maths Small Steps	<u>Number: Place Value</u> Represent numbers to 100 Partition numbers to 100 Number line to 100 Hundreds Represent numbers to 1000 Partition numbers to 1000 Flexible partitioning of numbers to 1000 Hundreds, tens and ones Find 1, 10 or 100 more or less Number line to 1000 Estimate on a number line to 1000 Order numbers to 1000 Count in 50s	<u>Number: Addition and Subtraction</u> Apply number bonds within 10 Add and subtract 1sw Add and subtract 10s Add and subtract 100s Spot the pattern Add 1s across a 10 Add 10s across a 100 Subtract 1s across a 10 Subtract 10s across a 100 Make connections Add two numbers (no exchange) Subtract two numbers (no exchange) Add two numbers (across a 10) Add two numbers (across a 100) Subtract two numbers (across a 10) Subtract two numbers (across a 100) Add 2 digit and 3 digit numbers Subtract a 2 digit number from a 3 digit number Complements to 100 Estimate answers Inverse operations Make decisions	<u>Measurement: Length and Perimeter (Moved from Spring term)</u> **Address year 2 gaps** Measure in metres and centimetres Measure in millimetres Measure in centimetres and millimetres Metres, centimetres and millimetres Equivalent lengths (metres and centimetres) Equivalent lengths (centimetres and millimetres) Compare lengths Add lengths
NC Objective	Identify, represent and estimate numbers using different representations Recognise the place value of each digit in a 3-digit number (hundreds, tens, ones) Count from zero in multiples of 4, 8, 50 and 100; find 10 or 100 more or less than a given number Identify, represent and estimate numbers using different representations Read and write numbers up to 1,000 in numerals and words Compare and order numbers up to 1,000	Add and subtract numbers mentally, including: <ul style="list-style-type: none">a 3-digit number and onesa 3-digit number and tensa 3-digit number and hundreds Add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction Estimate the answer to a calculation and use inverse operations to check answers	Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml) Measure the perimeter of simple 2-D shapes
Ready to Progress Criteria	3NPV-1 - Know that 10 tens are equivalent to 1 hundred, & that 100 is 10 times the size of 10; apply this to identify and work out how many 10s there are in other three-digit multiples of 10 3NPV-2 - Recognise the place value of each digit in three-digit numbers, and compose and decompose three-digit numbers using standard and non-standard partitioning. 3NPV-3 - Reason about the location of any three-digit number in the linear number system, including identifying the previous and next multiple of 100 and 10 3NPV-4 - Divide 100 into 2, 4, 5 and 10 equal parts, and read scales/number lines marked in multiples of 100 with 2, 4, 5 and 10 equal parts.	3NF-1 - Secure fluency in addition and subtraction facts that bridge 10, through continued practice. 3AS-1 - Calculate complements to 100 3AS-2 - Add and subtract up to three-digit numbers using columnar methods. 3AS-3 - Understand the inverse relationship between addition and subtraction, and how both relate to the part-part-whole structure. Understand and use the commutative property of addition, and understand the related property for subtraction.	3NPV-1 - Know that 10 tens are equivalent to 1 hundred, and that 100 is 10 times the size of 10; apply this to identify and work out how many 10s there are in other three-digit multiples of 10 3AS-3 - Understand the inverse relationship between addition and subtraction, and how both relate to the part-part-whole structure. Understand and use the commutative property of addition, and understand the related property for subtraction.