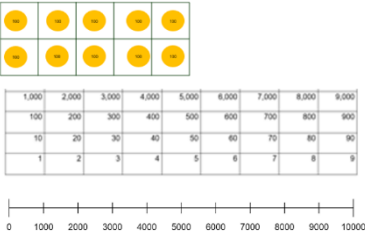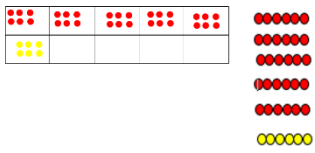# LPS Year 4 Autumn

Place Value 4 weeks	Addition and Subtraction – mental 3 weeks	Perimeter 1 week	Multiplication and Division 4 weeks	Area 1 Week	Consolidation 2 Weeks
Identify, represent and estimate numbers using different representations **Order and compare numbers beyond 1000** **Recognise the place value of each digit in a four-digit number (thousands, hundreds, tens, and ones)** **Rounding** . **Represent 3-digit numbers** **Order and Compare 3-digit numbers** **Partition 3-digit numbers** **Rounding 1 dp to nearest whole number** **Identify and estimate numbers using number lines**	**Find 1000 more or less than a given number** Add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction **where appropriate** **Addition/Subtraction of multiples of 1000s and 100s** **Mental strategies for up to 4 digits** 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. 100s +/- 100s crossing 1000 boundary 1000s +/- 100s crossing 1000s boundary	Measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres	**Recall multiplication and division facts for multiplication tables up to 12 × 12 (facts for 6,7,9,11,12 are new)** Recall multiplication and division facts up to 12 x12 , and recognise products in multiplication tables as multiples of the corresponding number. Apply place-value knowledge to known additive and multiplicative number facts (scaling facts by 100) **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** **Recognise and use factor pairs and commutativity in mental calculations** **X 7 and division by grouping of 7s** **X 9 and division by grouping of 9s** **X 6 and division by grouping of 12s** **X 12 and division by grouping of 12s** **X 11 and division by grouping of 12s** **Factor pais**	Find the area of rectilinear shapes by counting squares	**Based on summative assessment teach to GAPS.** **Focus on blue objectives**
	1700 + 1800 1400 – 600 				
ten thousand one thousand more one thousand less	4 digit number Operations Method		Square, Squared, factor pairs,	Factor Product	

Make links to measurement across every number unit and statistics in place value and addition/subtraction
Include reasoning and problem solving in all units
Green statements are ready to progress, red is additional information, blue are key objectives