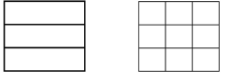

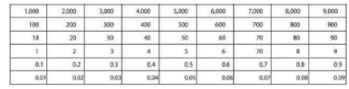
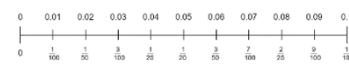


LPS Year 4 Spring



Fractions 3 Weeks	Decimals 3 weeks	Time 1 week	Multiplication and Division 3 weeks	Consolidation 1 Week								
<p>Reason about the location of mixed numbers in the linear number system.</p> <p>Recognise and show, using diagrams, families of common equivalent fractions</p> <p>Count up and down in hundredths; recognise that hundredths arise when dividing an object by one hundred and dividing tenths by ten</p> <p>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</p> <p>Convert mixed numbers to improper fractions and vice versa</p> <p>Equivalent fractions Fractions of amounts Convert mixed number of fractions and vice versa</p>	<p>Recognise and write decimal equivalents of any number of tenths or hundredths</p> <p>Recognise and write decimal equivalents to $\frac{1}{4}$, $\frac{2}{4}$, $\frac{3}{4}$</p> <p>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</p> <p>Round decimals with one decimal place to the nearest whole number</p> <p>Compare numbers with the same number of decimal places up to two decimal places</p> <p>Solve simple measure and money problems involving fractions and decimals to two decimal places.</p> <p>Represent decimal numbers up to 2 dp Compare and order decimals Round decimals to nearest whole</p>	<p>Read, write and convert time between analogue and digital 12- and 24-hour clocks</p> <p>Solve problems involving converting from hours to minutes; minutes to seconds; years to months; weeks to days.</p>	<p>Multiply and divide two-digit and three-digit numbers by a one-digit number using formal written layout</p> <p>Solve division problems, with two-digit dividends and one-digit divisors, that involve remainders, and interpret remainders appropriately according to the context.</p> <p>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.</p> <p>Manipulate multiplication and division equations, and understand and apply the commutative property of multiplication.</p> <p>Understand and apply the distributive property of multiplication</p> <p>TO x o HTO X O To ÷ o</p>	<p>Based on summative assessment teach to GAPS.</p> <p>Focus on blue objectives</p>								
<p>Area model</p>  <p>Bar model for improper fractions</p> 	 	<p>Covert</p>	<table border="1" data-bbox="1377 917 1825 1045"> <tr> <td>x</td> <td>300</td> <td>20</td> <td>7</td> </tr> <tr> <td>6</td> <td>1800</td> <td>120</td> <td>42</td> </tr> </table> <p>$327 \times 6 = 1800 + 120 + 42$</p>	x	300	20	7	6	1800	120	42	
x	300	20	7									
6	1800	120	42									
<p>Improper fraction Mixed number</p>	<p>hundredths decimal, decimal fraction, decimal point, decimal place, decimal equivalent</p>		<p>Factor pairs, formal written method, remainders, distributive law</p>	<p>unit, standard unit metric unit</p>								

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