

## Sapling Maths LTP 24-25

		Aut 1	Aut 2	Spring 1	Spring 2	Sum 1	Sum 2
<b>Maths</b> Year 3 and 4	<b><u>Place Value (3 weeks, 3 days)</u></b>	<ul style="list-style-type: none"> <li>- Hundreds, tens and ones</li> <li>- Represent and partition numbers to 1000</li> <li>- Thousands</li> <li>- Represent and partition numbers to 10,000</li> <li>- Flexible partitioning</li> <li>- Find 1, 10, 100, 1000 more or less</li> <li>- Number lines to 1000 and 10,000</li> <li>- Estimate on a number line</li> <li>- Compare numbers</li> <li>- Order numbers</li> <li>- Round to the nearest 10, 100 and 1000</li> <li>- Roman numerals</li> </ul>	<b><u>Multiplication and Division A (3 weeks)</u></b> <ul style="list-style-type: none"> <li>- Arrays</li> <li>- Sharing and grouping</li> <li>- The 2, 5 and 10 times-tables</li> <li>- The 4 times-table</li> <li>- The 8 times-table</li> <li>- The 2, 4 and 8 times-table</li> <li>- The 3 times-table</li> <li>- The 6 times-table</li> <li>- The 9 times-table</li> <li>- The 3, 6 and 9 times-tables</li> <li>- The 7 times-table</li> <li>- The 11 times-table</li> <li>- The 12 times-table</li> <li>- Multiply by 1 and 0</li> <li>- Divide a number by 1 and itself</li> </ul>	<b><u>Multiplication and division B (2 weeks 4 days)</u></b> <ul style="list-style-type: none"> <li>- Factor pairs</li> <li>- Multiply and divide by 10 and 100</li> <li>- Reasoning about multiplication</li> <li>- Multiply three numbers</li> <li>- Efficient multiplication</li> <li>- Scaling</li> <li>- Correspondence problems</li> <li>- Multiply up to a 3-digit number by a 1 digit number—no exchange</li> <li>- Multiply up to a 3-digit number by a 1 digit number—with exchange</li> <li>- Related calculations—multiplication and division</li> <li>- Divide by a 1-digit number—flexible partitioning</li> <li>- Divide up to a 3-digit number by a 1-digit number—no exchange</li> <li>- Divide up to a 3-digit number by a 1-digit number—with exchange</li> <li>- Divide up to a 3-digit number by a 1-digit number—with remainders</li> </ul>	<b><u>Fractions A (2 weeks 4 days)</u></b> <ul style="list-style-type: none"> <li>- Understand denominators</li> <li>- Compare &amp; order unit fractions</li> <li>- Understand numerators</li> <li>- Understand the whole</li> <li>- Fractions on a number line</li> <li>- Compare &amp; order non-unit fractions</li> <li>- Equivalent fractions</li> <li>- Count beyond 1</li> <li>- Partition a mixed number</li> <li>- Compare &amp; order mixed numbers</li> <li>- Understand improper fractions</li> <li>- Convert mixed numbers to improper fractions</li> <li>- Convert improper fractions to mixed numbers</li> <li>- Equivalent fraction families</li> </ul>	<b><u>Time (1 week 4 days)</u></b> <ul style="list-style-type: none"> <li>- Tell the time to 5 minutes</li> <li>- Tell the time to the minute</li> <li>- Read time of a digital clock</li> <li>- Use a.m. and p.m.</li> <li>- Convert between analogue and digital times</li> <li>- Convert between 12– and 24-hour clock times</li> <li>- Hours, minutes and seconds</li> <li>- Find and use durations</li> <li>- Years, months, weeks and days</li> </ul>	<b><u>Shape (2 weeks)</u></b> <ul style="list-style-type: none"> <li>- Turns and angles</li> <li>- Identify angles</li> <li>- Compare and order angles</li> <li>- Types of lines</li> <li>- Triangles</li> <li>- Quadrilaterals</li> <li>- Polygons</li> <li>- Draw polygons</li> <li>- Symmetry</li> <li>- 3-D Shapes</li> </ul>
		<b><u>Addition and Subtraction (3 weeks, 3 days)</u></b>	<ul style="list-style-type: none"> <li>- Add and subtract 1s, 10s, 100s, 1000s</li> <li>- Add and subtract 1s, 10s, 100s, 1000s across a boundary</li> <li>- Make connections</li> <li>- Add up to two 4-digit numbers—no exchange</li> <li>- Add up to two 4-digit numbers across 10, 100 and 1000</li> <li>- Subtract up to two 4-digit numbers—no exchange</li> <li>- Subtract up to two 4-digit numbers across 10, 100 and 1000</li> <li>- Add and subtract numbers with a different number of digits</li> <li>- Complements to 100 and 1000</li> <li>- Estimate answers</li> <li>- Inverse operations</li> <li>- Efficient methods</li> </ul>	<b><u>Area (4 days)</u></b> <ul style="list-style-type: none"> <li>- What is area?</li> <li>- Count squares</li> <li>- Make shapes</li> <li>- Compare areas</li> </ul>	<b><u>Length and perimeter (2 weeks)</u></b> <ul style="list-style-type: none"> <li>- Measure in centimeters and millimeters</li> <li>- Measure in kilometers and meters</li> <li>- Kilometers, meters, centimeters and millimeters</li> <li>- Equivalent lengths</li> <li>- Add and subtract lengths</li> <li>- What is perimeter?</li> <li>- Calculate perimeter</li> <li>- Perimeter of rectilinear shapes</li> <li>- Calculate perimeter of rectilinear shapes</li> <li>- Perimeter of polygons</li> </ul>	<b><u>Mass and capacity (2 weeks)</u></b> <ul style="list-style-type: none"> <li>- Measure mass in grams</li> <li>- Measure mass in kilograms and grams</li> <li>- Equivalent masses</li> <li>- Compare mass</li> <li>- Add and subtract mass</li> <li>- measure capacity and volume in milliliters</li> <li>- Measure capacity and volume in milliliters and liters</li> <li>- Equivalent capacities and volumes</li> <li>- Compare capacity and volume</li> <li>- Add and subtract capacity and volume</li> </ul>	<b><u>Decimals (2 weeks 4 days)</u></b> <ul style="list-style-type: none"> <li>- Tenths as fractions</li> <li>- Tenths as decimals</li> <li>- Tenths on a place value chart</li> <li>- Tenths on a number line</li> <li>- Hundredths as fractions</li> <li>- Hundredths as decimals</li> <li>- Hundredths on a place value chart</li> <li>- Halves and quarters as decimals</li> <li>- Make a whole</li> <li>- Partition decimals</li> <li>- Compare and order decimals</li> <li>- Round to the nearest whole number</li> <li>- Divide a number by 10</li> <li>- Divide a number by 100</li> </ul>
					<b><u>Fractions B (1 week 3 days)</u></b> <ul style="list-style-type: none"> <li>- Add fractions</li> <li>- Add fractions and mixed numbers</li> </ul>	<b><u>Money (1 week 4 days)</u></b> <ul style="list-style-type: none"> <li>- Pound and pence</li> <li>- Write money using decimals</li> <li>- Convert pounds and pence</li> <li>- Compare amounts of money</li> <li>- Estimate with money</li> <li>- Add money</li> <li>- Subtract money</li> <li>- Find change</li> <li>- Solve problems with money</li> </ul>	<b><u>Statistics (1 week 3 days)</u></b> <ul style="list-style-type: none"> <li>- Pictograms</li> <li>- Interpret bar charts</li> <li>- Draw bar charts</li> <li>- Interpret line graphs</li> <li>- Draw line graphs</li> <li>- Comparison, sum and difference</li> <li>- Two-way tables</li> <li>- Collect and represent data</li> </ul>
							<b><u>Revision and Consolidation</u></b> <ul style="list-style-type: none"> <li>- Identify areas of weakness and revisit and consolidate them</li> </ul>

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|  |  |  |  | <ul style="list-style-type: none"><li>- Subtract fractions</li><li>- Subtract from whole numbers</li><li>- Subtract from mixed numbers</li><li>- Unit fractions of an amount</li><li>- Non-unit fractions of an amount</li><li>- Reasoning with fractions of an amount</li></ul> |  |  |
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