

## Context of Lessons:

- Weekly assessment on number bonds and times tables.
- Three lessons adapted from White Rose to cover key skills, concepts
- One lesson application, reasoning and problem solving skills
- One lesson mental arithmetic

## Autumn Term

White Rose Maths	Place Value	Addition and Subtraction	Length and Perimeter	Multiplication and Division
	<ul style="list-style-type: none"> <li>- Recap Represent numbers to 100</li> <li>- Recap Tens and ones using addition</li> <li>- Hundreds</li> <li>- Numbers to 1,000</li> <li>- Activity Numbers to 1,000 on a place value grid</li> <li>- 100s, 10s and 1s</li> <li>- Recap Number line to 100</li> <li>- Number line to 1,000</li> <li>- Find 1, 10, 100 more or less</li> <li>- Compare objects</li> <li>- Compare numbers</li> <li>- Order numbers answer</li> <li>- Count in 50s</li> </ul>	<ul style="list-style-type: none"> <li>- Add and subtract multiples of 100</li> <li>- Add and subtract 3-digit and 1-digit numbers - not crossing 10</li> <li>- Add 3-digit and 1-digit numbers - crossing 10</li> <li>- Subtract a 1-digit number from a 3-digit number - crossing 10</li> <li>- Add and subtract 3-digit and 2-digit numbers - not crossing 100</li> <li>- Add 3-digit and 2-digit numbers - crossing 100</li> <li>- Subtract a 2-digit number from a 3-digit number - crossing 100</li> <li>- Add and subtract 100s</li> <li>- Spot the pattern - making it explicit</li> <li>- Mixed addition and subtraction problems</li> <li>- Add and subtract 2-digit and 3-digit numbers - not crossing 10 or 100</li> <li>- Add 2-digit and 3-digit numbers - crossing 10 or 100</li> <li>- Subtract a 2-digit number from a 3-digit numbers - crossing 10 or 100</li> <li>- Add two 3-digit numbers - not crossing 10 or 100</li> <li>- Add two 3-digit numbers - crossing 10 or 100</li> <li>- Subtract a 3-digit number from a 3-digit number - no exchange</li> <li>- Subtract a 3-digit number from a 3-digit number - exchange</li> <li>- Estimate answers to calculations</li> <li>- Check answers</li> </ul>	<ul style="list-style-type: none"> <li>- Measure length</li> <li>- Recap Measure length (m)</li> <li>- Equivalent lengths - m &amp; cm</li> <li>- Equivalent lengths - mm &amp; cm</li> <li>- Recap Compare lengths</li> <li>- Compare lengths</li> <li>- Add lengths</li> <li>- Subtract lengths</li> <li>- Activity What is perimeter?</li> <li>- Measure perimeter</li> <li>- Calculate perimeter</li> <li>- Activity Calculate perimeter activity</li> </ul>	<ul style="list-style-type: none"> <li>- Multiplication - equal groups</li> <li>- Recap Multiplication using the symbol</li> <li>- Recap Using arrays</li> <li>- Recap 2 times-table</li> <li>- Recap 5 times-table</li> <li>- Recap Make equal groups - sharing</li> <li>- Recap Make equal groups - grouping</li> <li>- Recap Divide by 2</li> <li>- Recap Divide by 5</li> <li>- Recap Divide by 10</li> <li>- Multiply by 3</li> <li>- Divide by 3</li> <li>- The 3 times-table</li> <li>- Multiply by 4</li> <li>- Divide by 4</li> <li>- The 4 times-table</li> <li>- Multiply by 8</li> <li>- Divide by 8</li> <li>- The 8 times-table</li> </ul>

<b>National Curriculum Links</b>	<ul style="list-style-type: none"> <li>- I can recognise the place value of each digit in a three digit number.</li> <li>- I can compare and order numbers up to 1000.</li> </ul>	<ul style="list-style-type: none"> <li>- I can add and subtract a three digit number and ones mentally.</li> <li>- I can add numbers up to three digits using an efficient written method.</li> <li>- I can subtract numbers up to three digits using an efficient written method.</li> <li>- I can solve addition and subtraction problems.</li> </ul>	<ul style="list-style-type: none"> <li>- I can recognise and use different units of measure.</li> <li>- I can add and subtract a three digit number and ones mentally.</li> <li>- I can add numbers up to three digits using an efficient written method.</li> <li>- I can subtract numbers up to three digits using an efficient written method.</li> <li>- I can solve addition and subtraction problems.</li> </ul>	<ul style="list-style-type: none"> <li>- I can use efficient written methods to multiply a 2 digit and a 1 digit number</li> <li>- I can use written methods to divide a 2 digit by a 1 digit number.</li> <li>- I can recall and use multiplication and division facts for the 6 times table.</li> <li>- I can recall and use multiplication and division facts for the 7 times table.</li> <li>- I can recall and use multiplication and division facts for the 11 times table.</li> <li>- I can solve multiplication and division problems</li> </ul>
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# Year 3

## Spring Term

White Rose Maths	Multiplication and Division	Money	Statistics	Fractions
	<ul style="list-style-type: none"> <li>- Recap Consolidate 2, 4 and 8 times-table (new worksheet)</li> <li>- Comparing statements</li> <li>- Related calculations</li> <li>- Multiply 2-digits by 1-digit</li> <li>- Activity Multiply 2-digits by 1-digit - exchange</li> <li>- Divide 2-digits by 1-digit</li> <li>- Activity Divide 100 into 2, 4, 5 and 10 equal parts</li> <li>- Activity Divide with remainders</li> <li>- How many ways?</li> </ul>	<ul style="list-style-type: none"> <li>- Recap Count money (pence)</li> <li>- Recap Count money (pounds)</li> <li>- Pounds and pence</li> <li>- Convert pounds and pence</li> <li>- Add money</li> <li>- Subtract money</li> <li>- Give change</li> </ul>	<ul style="list-style-type: none"> <li>- Recap Make tally charts</li> <li>- Recap Draw pictograms (2, 5 and 10)</li> <li>- Recap Interpret pictograms (2, 5 and 10)</li> <li>- Pictograms (use for extra consolidation if needed)</li> <li>- Activity Draw bar charts</li> <li>- Bar charts</li> <li>- Tables</li> </ul>	<ul style="list-style-type: none"> <li>- Recap Activity Working with wholes and parts</li> <li>- Recap Make equal parts</li> <li>- Recap Recognise and find a half</li> <li>- Recap Recognise and find a quarter</li> <li>- Recap Recognise and find a third</li> <li>- Recap Unit and non-unit fractions</li> <li>- Recap Equivalence of a half and 2 quarters</li> <li>- Recap Count in fractions</li> <li>- Making the whole</li> <li>- Tenths</li> <li>- Count in tenths</li> <li>- Tenths as decimals</li> <li>- Fractions on a number line</li> <li>- Fractions of a set of objects</li> </ul>
<b>National Curriculum Links</b>	<ul style="list-style-type: none"> <li>- I can use efficient written methods to multiply a 2 digit and a 1 digit number</li> <li>- I can use written methods to divide a 2 digit by a 1 digit number.</li> <li>- I can recall and use multiplication and division facts for the 6 times table.</li> <li>- I can recall and use multiplication and division facts for the 7 times table.</li> <li>- I can recall and use multiplication and division facts for the 11 times table.</li> <li>- I can solve multiplication and division problems</li> </ul>	<ul style="list-style-type: none"> <li>- I can add and subtract amounts of money to give change using £ and p.</li> </ul>	<ul style="list-style-type: none"> <li>- I can interpret data presented in different ways.</li> </ul>	<ul style="list-style-type: none"> <li>- I can find and write fractions for a set of objects.</li> <li>- I can recognise that tenths arise from dividing an object into 10 equal parts.</li> <li>- I can recognise and show, using diagrams, equivalent fractions</li> <li>- I can recognise and write decimal equivalents to <math>\frac{1}{2}</math> <math>\frac{1}{4}</math> <math>\frac{3}{4}</math></li> <li>- I can find and write fractions for a set of objects.</li> <li>- I can recognise that tenths arise from dividing an object into 10 equal parts.</li> </ul>

# Year 3

## Summer Term

White Rose Maths	Fractions	Time	Properties of Shape	Mass and Capacity
	<ul style="list-style-type: none"> <li>- Equivalent fractions</li> <li>- Compare fractions</li> <li>- Order fractions</li> <li>- Add fractions</li> <li>- Subtract fractions</li> </ul>	<ul style="list-style-type: none"> <li>- Recap O'clock and half past</li> <li>- Recap Quarter past and quarter to</li> <li>- Months and years</li> <li>- Hours in a day</li> <li>- Telling the time to 5 minutes</li> <li>- Telling the time to the minute</li> <li>- Using a.m. and p.m.</li> <li>- Activity 24-hour clock</li> <li>- 24-hour clock</li> <li>- Finding the duration</li> <li>- Comparing durations</li> <li>- Start and end times</li> <li>- Measuring time in seconds</li> <li>- Problem solving with time</li> </ul>	<ul style="list-style-type: none"> <li>- Turns and angles</li> <li>- Right angles in shapes</li> <li>- Compare angles</li> <li>- Draw accurately</li> <li>- Horizontal and vertical</li> <li>- Parallel and perpendicular</li> <li>- Recognise and describe 2-D shapes</li> <li>- Recognise and describe 3-D shapes</li> <li>- Make 3-D shapes</li> </ul>	<ul style="list-style-type: none"> <li>- Activity Measure mass</li> <li>- Recap Compare mass</li> <li>- Measure mass</li> <li>- Compare mass</li> <li>- Add and subtract mass</li> <li>- Activity Measure capacity</li> <li>- Recap Compare volume</li> <li>- Measure capacity (1)</li> <li>- Compare capacity</li> <li>- Add and subtract capacity</li> <li>- Activity Temperature activity</li> <li>- Recap Temperature</li> </ul>
<b>National Curriculum Links</b>	<ul style="list-style-type: none"> <li>- I can find and write fractions for a set of objects.</li> <li>- I can recognise that tenths arise from dividing an object into 10 equal parts.</li> <li>- I can recognise and show, using diagrams, equivalent fractions</li> <li>- I can recognise and write decimal equivalents to <math>\frac{1}{2}</math> <math>\frac{1}{4}</math> <math>\frac{3}{4}</math></li> </ul>	<ul style="list-style-type: none"> <li>- I can tell and write the time from an analogue clock in 12 and 24 hour clocks.</li> </ul>	<ul style="list-style-type: none"> <li>- I can draw and calculate the perimeter of 2D shapes.</li> <li>- I can identify different types of angles.</li> </ul>	<ul style="list-style-type: none"> <li>- I can recognise and use different units of measure.</li> <li>- I can interpret data presented in different ways.</li> </ul>