



## TSS Primary Maths MTP 2021-2022 Year 4 Block 3

Week	Key Targets and Learning Objectives	Key Activities	Success Criteria	Key Vocabulary
1	<ul style="list-style-type: none"><li>• Make Generalisations with Adding and Subtracting <b>4Nc.02:</b> Recognise and explain generalisations when adding and subtracting combinations of even and odd numbers.</li><li>• Recognise an unknown in addition and subtraction sentences. <b>4Nc.03:</b> Recognise the use of objects, shapes or symbols to represent unknown quantities in addition and subtraction calculations.</li></ul>	<ul style="list-style-type: none"><li>• Student's Book pp.112–115</li><li>• Activity Book pp.83–85</li><li>• Student's Book pp.116–119</li><li>• Activity Book pp.86–87</li></ul>	<ul style="list-style-type: none"><li>• I can use knowledge of even and odd numbers up to 10 to recognise and sort numbers.</li><li>• I understand the rules when adding and subtracting odd and even numbers,</li><li>• I can use the most efficient method for solving problems in context.</li><li>• I can recognise unknowns.</li><li>• I can find the value of unknowns in addition and subtraction.</li></ul>	<ul style="list-style-type: none"><li>• Odd</li><li>• Even</li><li>• Sum</li><li>• Difference</li><li>• Unknown</li><li>• symbol</li><li>• Figure</li><li>• Represent</li><li>• equation</li></ul>
2	<ul style="list-style-type: none"><li>• Estimate and add numbers with regrouping in ones and tens.</li><li>• Estimate and add numbers with regrouping in hundreds.</li><li><b>4Ni.02:</b> Estimate, add and subtract whole numbers with up to three digits.</li><li>• Estimate and subtract with regrouping in ones and tens.</li><li>• Estimate and subtract with regrouping in hundreds.</li><li><b>4Ni.02:</b> Estimate, add and subtract whole numbers with up to three digits.</li></ul>	<ul style="list-style-type: none"><li>• Student's Book pp.120–122</li><li>• Activity Book pp.88–90</li><li>• Student's Book pp.123–125</li><li>• Activity Book pp.91–93</li></ul>	<ul style="list-style-type: none"><li>• I can determine the value of each digit in a 3-digit number.</li><li>• I can estimate, add and subtract whole numbers with up to three digits by rounding.</li><li>• I can add two 3-digit numbers with no exchange.</li><li>• I can estimate, add, and subtract two-digit whole numbers by regrouping the ones.</li><li>• I can estimate, add, and subtract two-digit whole numbers by regrouping the tens.</li><li>• I can estimate, add, and subtract two-digit whole numbers by regrouping the hundreds.</li><li>• I can subtract two 3-digit numbers with no exchange.</li></ul>	<ul style="list-style-type: none"><li>• ones</li><li>• tens</li><li>• estimate</li><li>• add</li><li>• subtract</li></ul>



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			<ul style="list-style-type: none"><li>• I can subtract two 3-digit numbers with one exchange.</li><li>• I can choose the best method to solve calculations.</li></ul>	
3	<ul style="list-style-type: none"><li>• Using Place Value to Multiply by 10 and 100</li><li>• <b>4Np.02:</b> Use knowledge of place value to multiply and divide whole numbers by 10 and 100.</li><li>• Using Place Value to Divide by 10 and 100</li><li>• <b>4Np.02:</b> Use knowledge of place value to multiply and divide whole numbers by 10 and 100.</li></ul>	<ul style="list-style-type: none"><li>• Student's Book pp.129–130</li><li>• Activity Book pp.95–96</li><li>• Student's Book pp.132-134</li><li>• Activity Book pp.97–98</li></ul>	<ul style="list-style-type: none"><li>• I can determine the value of each digit in a 3-digit number.</li><li>• I can use knowledge of place value to multiply whole numbers by 10.</li><li>• I can use knowledge of place value to multiply whole numbers by 100.</li><li>• I can use knowledge of place value to divide whole numbers by 10.</li><li>• I can use knowledge of place value to divide whole numbers by 100.</li></ul>	<ul style="list-style-type: none"><li>• multiply</li><li>• place value</li><li>• Divide</li><li>• Divisor</li><li>• Dividend</li><li>• Quotient</li></ul>
4	<ul style="list-style-type: none"><li>• Simplifying Multiplication with the Associative Rule</li><li>• <b>4Ni.03:</b> Understand the associative property of multiplication, and use this to simplify calculations.</li></ul>	<ul style="list-style-type: none"><li>• Student's Book pp.135–137</li><li>• Activity Book pp.99–100</li></ul>	<ul style="list-style-type: none"><li>• I can understand the associative property of multiplication, and use this to simplify calculations.</li></ul>	<ul style="list-style-type: none"><li>• Associative</li><li>• Property</li><li>• Product</li><li>• Factors</li></ul>
5	<ul style="list-style-type: none"><li>• Know All Times Tables from 1 to 10</li><li>• <b>4Ni.04:</b> Know all times tables from 1 to 10.</li><li>• Multiply Up to 1000 by 1-Digit Numbers</li><li>• <b>4Ni.05:</b> Estimate and multiply whole numbers up to 1000 by 1-digit whole numbers.</li></ul>	<ul style="list-style-type: none"><li>• Student's Book pp.138–141</li><li>• Activity Book pp.101–102</li><li>• Student's Book pp.142–144</li><li>• Activity Book pp.103–104</li></ul>	<ul style="list-style-type: none"><li>• I can say all times tables from 1 to 10.</li><li>• I can estimate the answer to a sum using rounding.</li><li>• I can estimate and multiply whole numbers up to 100 by 2, 3, 4, and 5.</li></ul>	<ul style="list-style-type: none"><li>• Multiple</li><li>• Pattern</li><li>• times table</li><li>• double</li><li>• Twice</li><li>• Thrice</li><li>• Estimate</li></ul>



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			<ul style="list-style-type: none"><li>• I can estimate and multiply whole numbers up to 1000 by 1-digit whole numbers.</li></ul>	<ul style="list-style-type: none"><li>• Multiply</li><li>• Regroup</li></ul>
6	<ul style="list-style-type: none"><li>• Understand the division is the inverse of multiplying.</li><li>• Divide Numbers Up to 100 by 1-Digit Numbers</li><li>• <b>4Ni.06:</b> Estimate and divide whole numbers up to 100 by 1-digit whole numbers.</li></ul>	<ul style="list-style-type: none"><li>• Student's Book pp.145–148</li><li>• Activity Book pp.105–106</li><li>• Student's Book pp.152–154</li><li>• Activity Book pp.108–110</li></ul>	<ul style="list-style-type: none"><li>• I understand that division is the inverse of multiplication.</li><li>• I can estimate the answer to a sum using rounding.</li><li>• I can represent sharing and grouping pictorially.</li><li>• I can divide a number by itself.</li> <li>• I can divide a 1-digit number by another 1-digit number.</li><li>• I can divide a two-digit number by a one-digit number with no reminders.</li><li>• I can divide a two-digit number by a one-digit number with reminders.</li></ul>	<ul style="list-style-type: none"><li>• Estimate</li><li>• Divide</li><li>• Dividend</li><li>• Divisor</li><li>• Quotient</li><li>• Remainder</li></ul>