




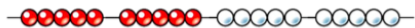
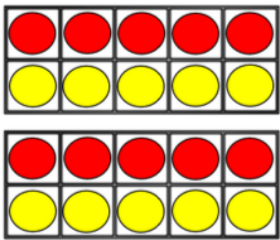
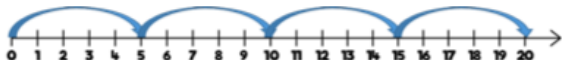
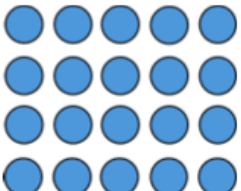
YEAR 1 – MULTIPLICATION AND DIVISION

National Curriculum requirements:

To solve one-step problems involving multiplication and division, by calculating the answer using concrete objects, pictorial representations and arrays with the support of the teacher.

Operation: Multiplication

Skill: To Solve 1-step problems using multiplication, e.g. $5 + 5 + 5 + 5 = 20$ ($4 \times 5 = 20$).


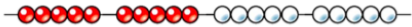
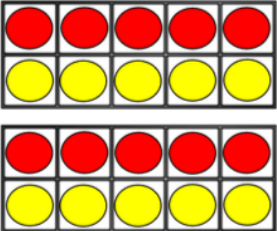
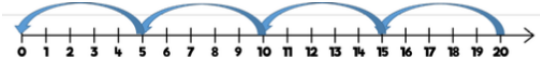
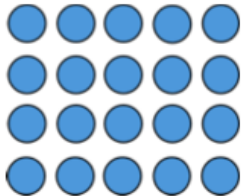
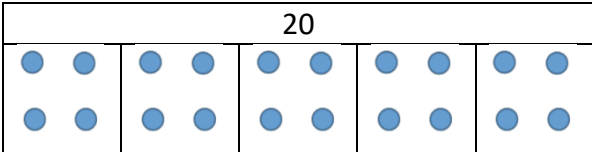
Concrete	Pictorial	Abstract
<p>Represent multiplication as repeated addition in a variety of ways.</p> <p>Numicon</p>  <p>Bead strings/ Rekenreks</p>  <p>Tens frames</p> 	<p>Showing equal jumps of repeated addition on a numberline</p>  <p>Drawing arrays</p> 	<p>Written calculations of repeated addition</p> $5 + 5 + 5 + 5 = 20$ $20 = 5 + 5 + 5 + 5$ <p>Mental recall of doubles</p>



St Thomas More Catholic Primary School Calculation Policy

Operation: Division

Skill: To solve 1-step problems by sharing or grouping, e.g. $20 \div 5 = 4$.

Concrete	Pictorial	Abstract
<p>Children can represent division by sharing amounts into equal groups or by grouping and then counting the number of groups.</p> <p>Numicon</p>  <p>Bead strings/ Rekenreks</p>  <p>Tens frames</p> 	<p>Showing equal jumps of repeated subtraction on a numberline</p>  <p>Drawing arrays</p>  <p>Bar models with jottings/ dots</p> 	<p>Counting aloud forward and backwards in steps, e.g. 2, 4, 6, 8, 10</p> <p>Mental recall of halves</p>



YEAR 2 – MULTIPLICATION AND DIVISION

National Curriculum requirements:

To recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers.

To calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (\times), division (\div) and equals (=) signs.

To show that multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot.


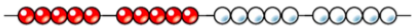
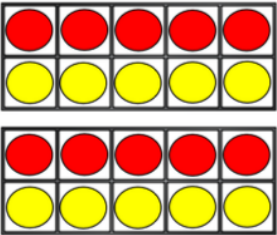
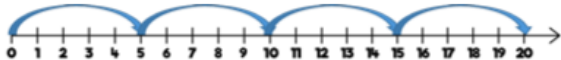
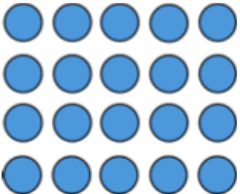
To solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts.



St Thomas More Catholic Primary School Calculation Policy

Operation: Multiplication

Skill: To Solve 1-step problems using multiplication, e.g. $4 \times 5 = 20$.

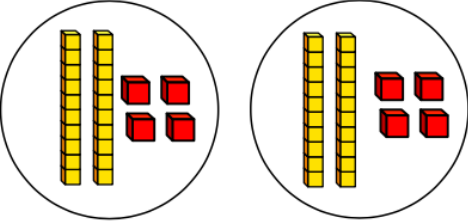
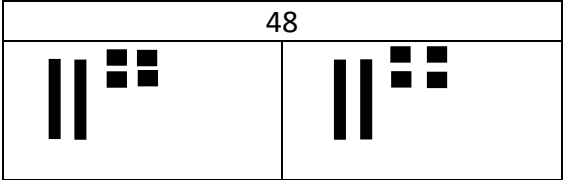
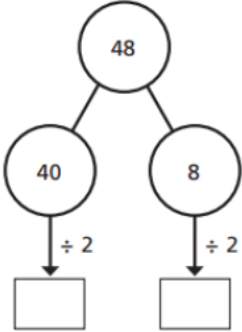
Concrete	Pictorial	Abstract
<p>Represent multiplication as repeated addition in a variety of ways.</p> <p>Numicon</p>  <p>Bead strings/ Rekenreks</p>  <p>Tens frames</p> 	<p>Showing equal jumps of repeated addition on a numberline</p>  <p>Drawing arrays</p> 	<p>Written calculation using repeated addition and multiplication sentences</p> <p>$5 + 5 + 5 + 5 = 20$ $20 = 5 + 5 + 5 + 5$</p> <p>$4 \times 5 = 20$ $20 = 4 \times 5$ $5 \times 4 = 20$ $20 = 5 \times 4$</p> <p>Counting aloud in steps, focusing on 2s, 5s and 10s e.g. 2, 4, 6, 8, 10</p> <p>Mental recall of doubles</p>



St Thomas More Catholic Primary School Calculation Policy

Operation: Division

Skill: To divide 2 digit numbers by a 1 digit number, e.g. $48 \div 2 = 24$.

Concrete	Pictorial	Abstract
<p>Children can represent division by sharing amounts into equal groups or by grouping and then counting the number of groups using Numicon, bead strings, tens frames, dienes or place value counters.</p> 	<p>Bar models or part whole models with jottings/ dots. Share out the tens representations and then the ones.</p> 	<p>Written calculations</p> $48 \div 2 = 24$ $2 = 48 \div 24$ $48 \div 24 = 2$ $24 = 48 \div 2$ <p>Part whole models/ bar models</p>  <p>Counting backwards in steps, e.g. 100, 90, 80, 70, 60, 50, 40, 30, 20, 10, 0.</p> <p>Mental recall of halves</p>



YEAR 3 – MULTIPLICATION AND DIVISION

National Curriculum requirements:

To recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables.

To write and calculate mathematical statements for multiplication and division using the multiplication tables that they know, including for two-digit numbers times one-digit numbers, using mental and progressing to formal written methods.

To solve problems, including missing number problems, involving multiplication and division, including positive integer scaling problems and correspondence problems in which n objects are connected to m objects.



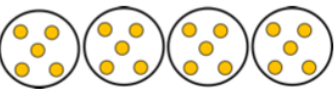
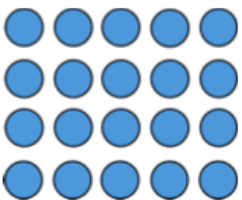
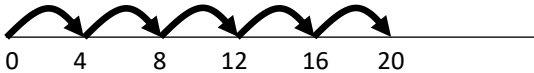
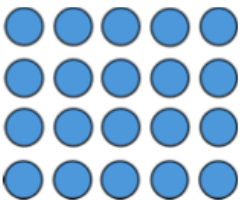

St Thomas More Catholic Primary School Calculation Policy



Operation: Multiplication

Skill: To multiply 2 digit numbers by 1 digit numbers, e.g. $32 \times 3 = 96$.

Please note: Children build up to multiplying 2 digit by 1 digit numbers. They explore methods of multiplying 1 digit numbers first.



Concrete	Pictorial	Abstract									
<p>Continue to represent multiplication as repeated addition in a variety of ways.</p> <p>Numicon</p>  <p>Bead strings/ Rekenreks</p>  <p>Counters</p>  <p>Make arrays using objects</p> 	<p>Showing equal jumps of repeated addition on a blank numberline</p>  <p>Drawing arrays</p> 	<p>Written calculation using repeated addition and multiplication sentences</p> $5 + 5 + 5 + 5 = 20$ $20 = 5 + 5 + 5 + 5$ $4 \times 5 = 20$ $5 \times 4 = 20$ $20 = 4 \times 5$ $20 = 5 \times 4$ <p>Counting aloud in steps, focusing on 3s, 4s and 8s e.g. 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, 33, 36.</p> <p>Mental recall of doubles</p> <p>Grid method</p> $32 \times 3 = 96$  <table border="1" data-bbox="1352 1142 1666 1390"> <tr> <td></td><td>T</td><td>O</td></tr> <tr> <td>X</td><td>30</td><td>2</td></tr> <tr> <td>3</td><td>90</td><td>6</td></tr> </table> $90 + 6 = 96$		T	O	X	30	2	3	90	6
	T	O									
X	30	2									
3	90	6									



St Thomas More Catholic Primary School Calculation Policy

Grid method using place value counters or dienes

$$\begin{array}{c}
 32 \times 3 = 96 \\
 \swarrow \quad \searrow \\
 30 \quad 2
 \end{array}$$

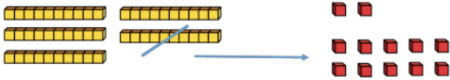
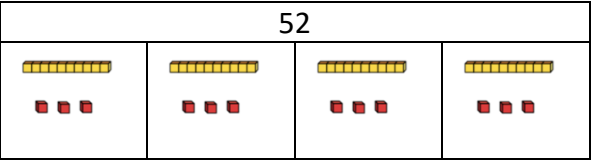
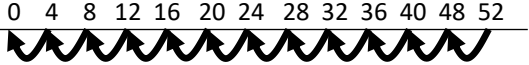
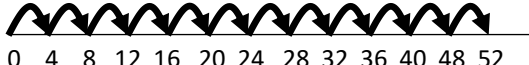
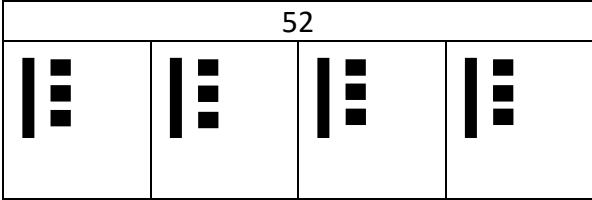
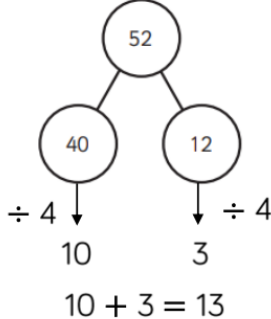
	T	O	
X	30	2	
3			
	90	6	= 96



St Thomas More Catholic Primary School Calculation Policy

Operation: Division

Skill: To divide a 2 digit number by a 1 digit number, e.g. $52 \div 4 = 13$.

Concrete	Pictorial	Abstract
<p>Children can represent division by sharing amounts into equal groups or by grouping and then counting the number of groups using Numicon, bead strings, tens frames, dienes or place value counters.</p> <p>When needed, children exchange one ten for ten ones in order to divide equally.</p>  	<p>Showing equal jumps of repeated subtraction on a blank number line</p>  <p>Or grouping using a blank number line</p>  <p>Using a bar model or part whole model with jottings</p> 	<p>Written calculations including linking between multiplication and division</p> $52 \div 13 = 4 \qquad 4 = 52 \div 13$ $52 \div 4 = 13 \qquad 13 = 52 \div 4$ $13 \times 4 = 52 \qquad 52 = 13 \times 4$ $4 \times 13 = 52 \qquad 52 = 4 \times 13$ <p>Part whole models/ bar models</p> 



YEAR 4 – MULTIPLICATION AND DIVISION

National Curriculum requirements:

To recall multiplication and division facts for multiplication tables up to 12×12 .

To 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.

To recognise and use factor pairs and commutativity in mental calculations.

To multiply two-digit and three-digit numbers by a one-digit number using formal written layout.

To 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.


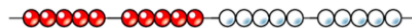
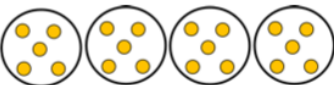
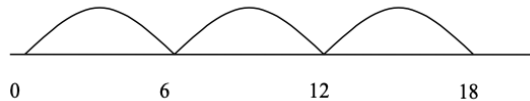
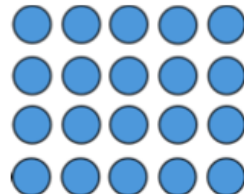
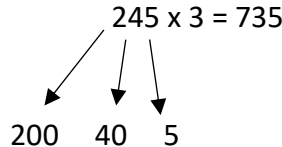
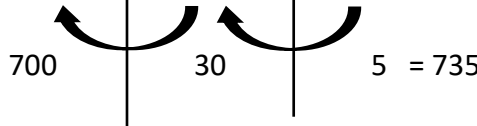


St Thomas More Catholic Primary School Calculation Policy

Operation: Multiplication

Skill: To multiply 3 digit numbers by 1 digit numbers, e.g. $245 \times 3 = 735$.

Please note: Children build up to multiplying 2 digit by 1 digit numbers. They explore methods of multiplying 1 digit numbers first.

Concrete	Pictorial	Abstract												
<p>Continue to represent multiplication as repeated addition in a variety of ways.</p> <p>Numicon</p>  <p>Bead strings/ Rekenreks</p>  <p>Counters</p> 	<p>Showing equal jumps of repeated addition on a blank numberline</p>  <p>Drawing arrays</p> 	<p>Written calculation using repeated addition and multiplication sentences</p> <p>$5 + 5 + 5 + 5 = 20$</p> <p>$20 = 5 + 5 + 5 + 5$</p> <p>$4 \times 5 = 20$</p> <p>$5 \times 4 = 20$</p> <p>$20 = 4 \times 5$</p> <p>$20 = 5 \times 4$</p> <p>Grid method</p> <p>$245 \times 3 = 735$</p>  <table><tr><th></th><th>H</th><th>T</th><th>O</th></tr><tr><td>X</td><td>200</td><td>40</td><td>5</td></tr><tr><td>3</td><td>600</td><td>120</td><td>15</td></tr></table> 		H	T	O	X	200	40	5	3	600	120	15
	H	T	O											
X	200	40	5											
3	600	120	15											



St Thomas More Catholic Primary School Calculation Policy

Grid method using place value counters or dienes

$$245 \times 3 = 735$$

Arrows point from 245 to 200, 40, and 5.

	H	T	O
X	200	40	5
3			
	600	120	15
	700	30	5 = 735

Moving to a written method of multiplication

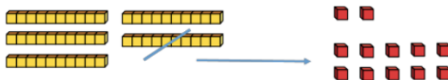
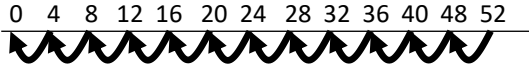
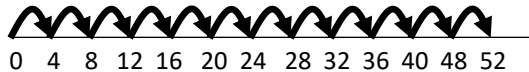
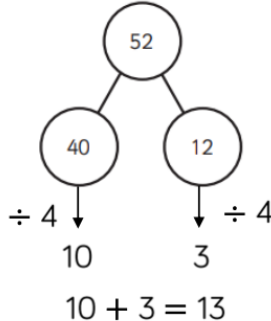
	H	T	O
	2	4	5
X			3
		1	5
	1	2	0
	6	0	0
	7	3	5



St Thomas More Catholic Primary School Calculation Policy

Operation: Division

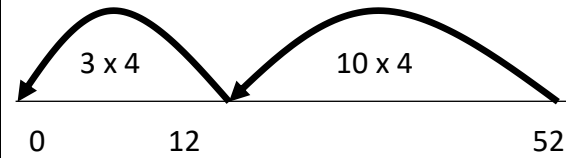
Skill: To divide a 2 digit number by a 1 digit number, e.g. $52 \div 4 = 13$ or including a remainder such as $53 \div 4 = 13 \text{ r}1$.

Concrete	Pictorial	Abstract																
<p>Children can represent division by sharing amounts into equal groups or by grouping and then counting the number of groups using Numicon, bead strings, tens frames, dienes or place value counters.</p> <p>When needed, children exchange one ten for ten ones in order to divide equally.</p>  <table border="1" data-bbox="107 805 698 965"><tr><th colspan="4">52</th></tr><tr><td></td><td></td><td></td><td></td></tr></table>	52								<p>Showing equal jumps of repeated subtraction on a blank number line, e.g. $52 \div 4 = 13$.</p>  <p>Or grouping using a blank number line</p>  <p>Using a bar model or part whole model with jottings</p> <table border="1" data-bbox="723 880 1317 1080"><tr><th colspan="4">52</th></tr><tr><td></td><td></td><td></td><td></td></tr></table>	52								<p>Written calculations including linking between multiplication and division</p> <div>$52 \div 13 = 4$$4 = 52 \div 13$</div> <div>$52 \div 4 = 13$$13 = 52 \div 4$</div> <div>$13 \times 4 = 52$$4 \times 13 = 52$</div> <div>$52 = 13 \times 4$$52 = 4 \times 13$</div> <p>Part whole models/ bar models using partitioning to divide</p> 
52																		
52																		



St Thomas More Catholic Primary School Calculation Policy

Chunking on a numberline



$$13 \times 4 = 52$$

$$52 \div 4 = 13$$

Chunking method




































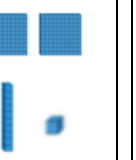
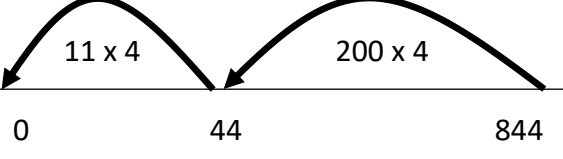



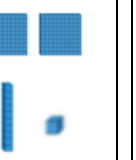
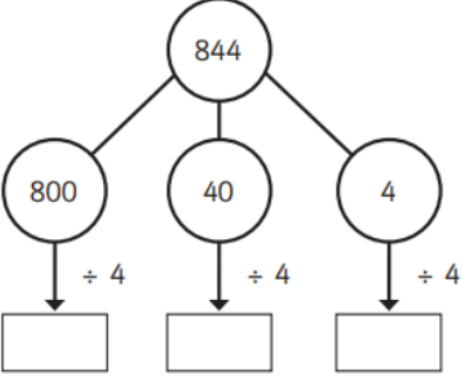



















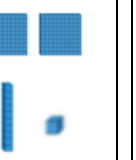
$$\begin{array}{r} 13 \\ 4 \overline{) 52} \\ \underline{- 40} \\ 12 \\ \underline{- 12} \\ 0 \end{array} \quad \begin{array}{l} (10 \times 4) \\ (3 \times 4) \end{array}$$



St Thomas More Catholic Primary School Calculation Policy

Operation: Division

Skill: To divide a 3 digit number by a 1 digit number, e.g. $844 \div 4 = 211$.

Concrete	Pictorial	Abstract																							
<p>Children can represent division by sharing amounts into equal groups or by grouping and then counting the number of groups using dienes or place value counters.</p> <p>When needed, children exchange one ten for ten ones in order to divide equally.</p> <table border="1"><thead><tr><th>H</th><th>T</th><th>O</th></tr></thead><tbody><tr><td> </td><td></td><td></td></tr><tr><td> </td><td></td><td></td></tr><tr><td> </td><td></td><td></td></tr><tr><td> </td><td></td><td></td></tr></tbody></table>	H	T	O	 			 			 			 			<p>Using a bar model or part whole model with jottings</p> <table border="1"><thead><tr><th colspan="4">844</th></tr></thead><tbody><tr><td></td><td></td><td></td><td></td></tr></tbody></table> <p>Chunking on a numberline</p>  <p>$211 \times 4 = 844$ $844 \div 4 = 211$</p>	844								<p>Written calculations including linking between multiplication and division</p> $844 \div 4 = 211 \qquad 211 = 844 \div 4$ $844 \div 211 = 4 \qquad 4 = 844 \div 211$ $4 \times 211 = 844 \qquad 844 = 4 \times 211$ $211 \times 4 = 844 \qquad 844 = 211 \times 4$ <p>Part whole models/ bar models</p> 
H	T	O																							
 																									
 																									
 																									
 																									
844																									
																									

St Thomas More Catholic Primary School Calculation Policy



		<p>Chunking method</p> $ \begin{array}{r} 211 \\ 4 \overline{) 844} \\ \underline{- 800} \\ 44 \\ \underline{- 44} \\ 0 \end{array} $ <p>(200 x 4)</p> <p>(11 x 4)</p>
--	--	---



YEAR 5 – MULTIPLICATION AND DIVISION

National Curriculum requirements:

To identify multiples and factors, including finding all factor pairs of a number, and common factors of two numbers.

To know and use the vocabulary of prime numbers, prime factors and composite (nonprime) numbers.

To establish whether a number up to 100 is prime and recall prime numbers up to 19.

To multiply numbers up to 4 digits by a one- or two-digit number using a formal written method, including long multiplication for two-digit numbers.

To multiply and divide numbers mentally drawing upon known facts.

To divide numbers up to 4 digits by a one-digit number using the formal written method of short division and interpret remainders appropriately for the context.

To multiply and divide whole numbers and those involving decimals by 10, 100 and 1000.

To recognise and use square numbers and cube numbers, and the notation for squared (²) and cubed (³).

To solve problems involving multiplication and division including using their knowledge of factors and multiples, squares and cubes.

To solve problems involving addition, subtraction, multiplication and division and a combination of these, including understanding the meaning of the equals sign.

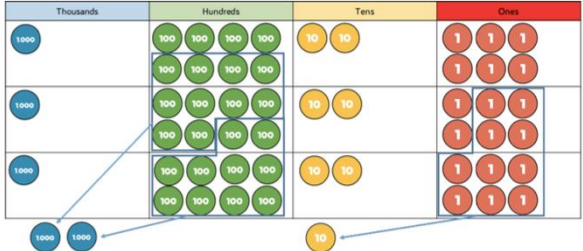
To solve problems involving multiplication and division, including scaling by simple fractions and problems involving simple rates.



St Thomas More Catholic Primary School Calculation Policy

Operation: Multiplication

Skill: To multiply 4 digit numbers by 1 digit numbers, e.g. $1826 \times 3 = 5478$.

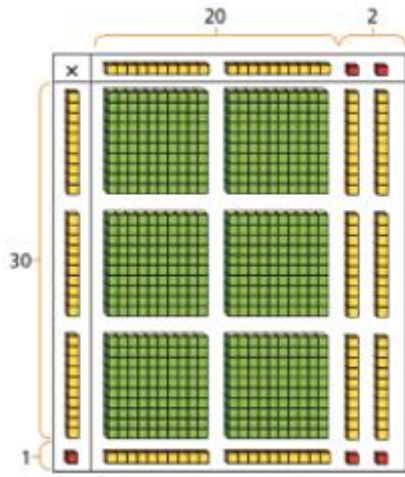
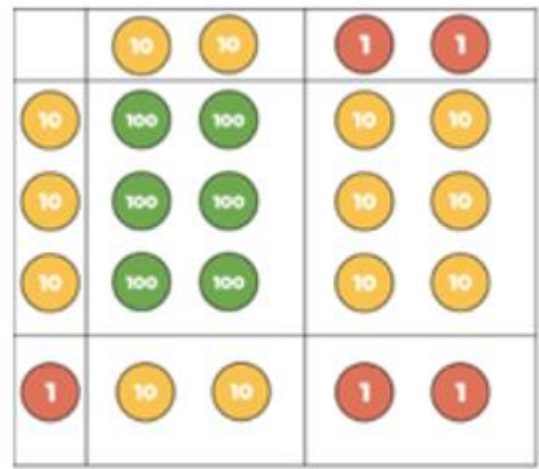
Concrete	Pictorial	Abstract																												
<p>Grid method using place value counters or dienes</p> 	<p>As concrete but representing place value counters or dienes as jottings.</p>	<p>Short written method of multiplication</p> <table><tr><th>Th</th><th>H</th><th>T</th><th>O</th></tr><tr><td>1</td><td>8</td><td>2</td><td>6</td></tr><tr><td>X</td><td></td><td></td><td>3</td></tr><tr><td colspan="4"><hr/></td></tr><tr><td>5</td><td>4</td><td>7</td><td>8</td></tr><tr><td colspan="4"><hr/></td></tr><tr><td>2</td><td></td><td>1</td><td></td></tr></table>	Th	H	T	O	1	8	2	6	X			3	<hr/>				5	4	7	8	<hr/>				2		1	
Th	H	T	O																											
1	8	2	6																											
X			3																											
<hr/>																														
5	4	7	8																											
<hr/>																														
2		1																												



St Thomas More Catholic Primary School Calculation Policy

Operation: Multiplication

Skill: To multiply 2 digit numbers by 2 digit numbers, e.g. $22 \times 31 = 682$.

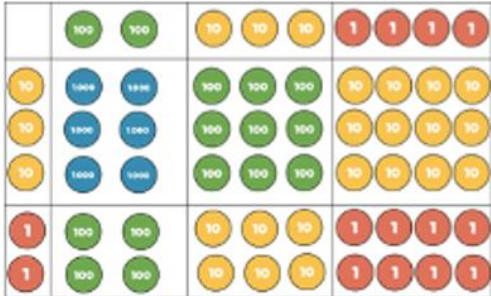
Concrete	Pictorial	Abstract																																	
<p>Representing multiplication using place value counters or dienes</p> 	<p>As concrete but representing place value counters or dienes as jottings.</p> 	<p>Grid method for multiplication</p> <table><tr><td>X</td><td>20</td><td>2</td></tr><tr><td>30</td><td>600</td><td>60</td></tr><tr><td>1</td><td>20</td><td>2</td></tr></table> <p>Short written method of multiplication</p> <table><tr><td></td><td>H</td><td>T</td><td>O</td></tr><tr><td></td><td></td><td>2</td><td>2</td></tr><tr><td>X</td><td></td><td>3</td><td>1</td></tr><tr><td></td><td></td><td>2</td><td>2</td></tr><tr><td>+</td><td>6</td><td>6</td><td>0</td></tr><tr><td></td><td>6</td><td>8</td><td>2</td></tr></table>	X	20	2	30	600	60	1	20	2		H	T	O			2	2	X		3	1			2	2	+	6	6	0		6	8	2
X	20	2																																	
30	600	60																																	
1	20	2																																	
	H	T	O																																
		2	2																																
X		3	1																																
		2	2																																
+	6	6	0																																
	6	8	2																																



St Thomas More Catholic Primary School Calculation Policy

Operation: Multiplication

Skill: To multiply 3 or 4 digit numbers by 2 digit numbers, e.g. $234 \times 32 = 7488$.

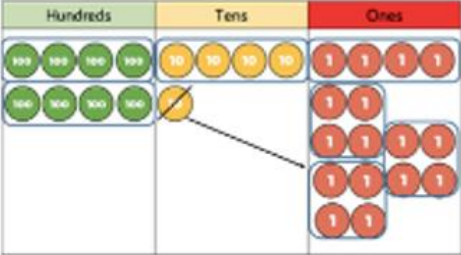

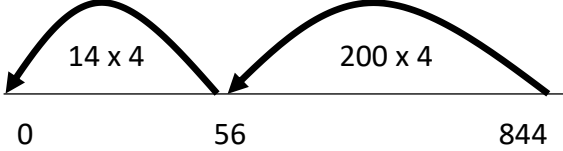
Concrete	Pictorial	Abstract																																															
<p>Representing multiplication using place value counters or dienes</p> 	<p>As concrete but representing place value counters or dienes as jottings.</p>	<p>Grid method for multiplication</p> <table><tr><td>X</td><td>200</td><td>30</td><td>4</td></tr><tr><td>30</td><td>6000</td><td>900</td><td>120</td></tr><tr><td>2</td><td>400</td><td>60</td><td>8</td></tr></table> <p>Short written method of multiplication</p> <table><tr><td></td><td>Th</td><td>H</td><td>T</td><td>O</td></tr><tr><td></td><td></td><td>2</td><td>3</td><td>4</td></tr><tr><td>X</td><td></td><td></td><td>3</td><td>2</td></tr><tr><td></td><td></td><td>4</td><td>6</td><td>8</td></tr><tr><td>+</td><td>7</td><td>0</td><td>2</td><td>0</td></tr><tr><td></td><td>1</td><td>1</td><td></td><td></td></tr><tr><td></td><td>7</td><td>4</td><td>8</td><td>8</td></tr></table>	X	200	30	4	30	6000	900	120	2	400	60	8		Th	H	T	O			2	3	4	X			3	2			4	6	8	+	7	0	2	0		1	1				7	4	8	8
X	200	30	4																																														
30	6000	900	120																																														
2	400	60	8																																														
	Th	H	T	O																																													
		2	3	4																																													
X			3	2																																													
		4	6	8																																													
+	7	0	2	0																																													
	1	1																																															
	7	4	8	8																																													



St Thomas More Catholic Primary School Calculation Policy

Operation: Division

Skill: To divide a 3 digit number by a 1 digit number, e.g. $856 \div 4 = 214$.

Concrete	Pictorial	Abstract
<p>Representing division using place value counters or dienes to group equally.</p> 	<p>Bar model or part whole models using dienes or place value jottings.</p>  <p>Chunking on a numberline</p>  <p> $214 \times 4 = 856$ $856 \div 4 = 214$ </p>	<p>Chunking method</p> $\begin{array}{r} 214 \\ 4 \overline{) 856} \\ \underline{- 800} \\ 56 \\ \underline{- 56} \\ 0 \end{array}$ <p>(200 x 4)</p> <p>(14 x 4)</p> <p>Short division</p> $\begin{array}{r} 214 \\ 4 \overline{) 856} \\ \underline{8} \\ 5 \\ \underline{4} \\ 16 \\ \underline{16} \\ 0 \end{array}$



St Thomas More Catholic Primary School Calculation Policy

Operation: Division

Skill: To divide a 4 digit number by a 1 digit number, e.g. $8532 \div 2 = 4266$.

Concrete	Pictorial	Abstract
<p>Representing division using place value counters or dienes to group equally.</p>	<p>Bar model or part whole models using dienes or place value jottings.</p>	<p>Short division</p> $\begin{array}{r} 4266 \\ 2 \overline{) 8532} \\ \underline{8} \\ 5 \\ \underline{4} \\ 13 \\ \underline{12} \\ 12 \\ \underline{12} \\ 0 \end{array}$



YEAR 6 – MULTIPLICATION AND DIVISION

National Curriculum requirements:

To multiply multi-digit numbers up to 4 digits by a two-digit whole number using the formal written method of long multiplication.

To divide numbers up to 4 digits by a two-digit whole number using the formal written method of long division, and interpret remainders as whole number remainders, fractions, or by rounding, as appropriate for the context.

To divide numbers up to 4 digits by a two-digit number using the formal written method of short division where appropriate, interpreting remainders according to the context.

To perform mental calculations, including with mixed operations and large numbers.

To identify common factors, common multiples and prime numbers.

To use their knowledge of the order of operations to carry out calculations involving the four operations.

To solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why.

St Thomas More Catholic Primary School Calculation Policy



Operation: Multiplication

Skill: To multiply 4 digit numbers by 2 digit numbers, e.g. $2739 \times 28 = 76692$.

Concrete	Pictorial	Abstract																																													
Representing multiplication using place value counters or dienes.	<p>As concrete, but representing place value counters or dienes using jottings.</p> <p>Bar model or part whole models using dienes or place value jottings.</p>	<p>Written method of multiplication</p> <table><tr><th>TTh</th><th>Th</th><th>H</th><th>T</th><th>O</th></tr><tr><td></td><td>2</td><td>7</td><td>3</td><td>9</td></tr><tr><td>X</td><td></td><td></td><td>2</td><td>8</td></tr><tr><td>2</td><td>1</td><td>9</td><td>1</td><td>2</td></tr><tr><td>2</td><td>5</td><td>3</td><td>7</td><td></td></tr><tr><td>+ 5</td><td>4</td><td>7</td><td>8</td><td>0</td></tr><tr><td>1</td><td></td><td>1</td><td></td><td></td></tr><tr><td>7</td><td>6</td><td>6</td><td>9</td><td>2</td></tr><tr><td></td><td></td><td>1</td><td></td><td></td></tr></table>	TTh	Th	H	T	O		2	7	3	9	X			2	8	2	1	9	1	2	2	5	3	7		+ 5	4	7	8	0	1		1			7	6	6	9	2			1		
TTh	Th	H	T	O																																											
	2	7	3	9																																											
X			2	8																																											
2	1	9	1	2																																											
2	5	3	7																																												
+ 5	4	7	8	0																																											
1		1																																													
7	6	6	9	2																																											
		1																																													



St Thomas More Catholic Primary School Calculation Policy

Operation: Division

Skill: To divide a multi digit number by a 2 digit number, e.g. $432 \div 12 = 36$.

Concrete	Pictorial	Abstract																																																														
Representing division using place value counters or dienes to group equally.	Bar model or part whole models using dienes or place value jottings. <table><tr><td colspan="12">432</td></tr><tr><td>36</td><td>36</td><td>36</td><td>36</td><td>36</td><td>36</td><td>36</td><td>36</td><td>36</td><td>36</td><td>36</td><td>36</td></tr></table>	432												36	36	36	36	36	36	36	36	36	36	36	36	Short division <table><tr><td></td><td>0</td><td>3</td><td>6</td></tr><tr><td>12</td><td>4</td><td>43</td><td>72</td></tr></table> Long division <table><tr><td></td><td></td><td>0</td><td>3</td><td>6</td></tr><tr><td>1</td><td>2</td><td>4</td><td>3</td><td>2</td></tr><tr><td></td><td>-</td><td>3</td><td>6</td><td>0</td></tr><tr><td></td><td></td><td></td><td>7</td><td>2</td></tr><tr><td></td><td>-</td><td></td><td>7</td><td>2</td></tr><tr><td></td><td></td><td></td><td></td><td>0</td></tr></table> <div><div>(x30)</div><div>(x6)</div><div><div>12 × 1 = 12</div><div>12 × 2 = 24</div><div>12 × 3 = 36</div><div>12 × 4 = 48</div><div>12 × 5 = 60</div><div>12 × 6 = 72</div><div>12 × 7 = 84</div><div>12 × 8 = 96</div><div>12 × 7 = 108</div><div>12 × 10 = 120</div></div></div>		0	3	6	12	4	43	72			0	3	6	1	2	4	3	2		-	3	6	0				7	2		-		7	2					0
432																																																																
36	36	36	36	36	36	36	36	36	36	36	36																																																					
	0	3	6																																																													
12	4	43	72																																																													
		0	3	6																																																												
1	2	4	3	2																																																												
	-	3	6	0																																																												
			7	2																																																												
	-		7	2																																																												
				0																																																												