

**Stepney Long Term Plan for Mathematics – 2021-2022**

**Year 1**

Autumn term

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Half term	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	
06.09.21	13.09.21	20.09.21	27.09.21	04.10.21	11.10.21	18.10.21		01.11.21	08.11.21	15.11.21	22.11.21	29.11.21	06.12.21	13.12.21	
<p><b>Unit 1: Previous Reception experiences and counting within 100</b> 1 Learning Outcome 7 weeks <a href="#">statutory framework for the early years foundation stage DfE publication</a> (pages 13-14 are specific to maths). <a href="#">DfE Development Matters Guidance 2020</a> (pages 51-59 are specific to maths).  <a href="#">Early Years section on the NCETM website</a>  NB: Some schools are only planning to spend 4 weeks on this unit. The time you spend on it will depend on the needs of your class. <a href="#">Here</a> is some further guidance/resources for these weeks as there are only 16 PPT slides.</p>							<p><b>Unit 2: Comparison of quantities and part-whole relationships</b> 13 Learning Outcomes (LOs) 3 weeks 1NPV-1 pg 18 &amp; 1NPV-2 pg 20  Prior learning 1NPV-1 pg 16 &amp; 1NPV-2 pg 16</p>			<p><b>Unit 3: Numbers 0-5</b> 8 Learning Outcomes (LOs) 2 weeks 1NPV-2 pg 20 &amp; 1AS-1 pg 30  Prior learning 1NPV-2 pg 16 &amp; 1AS-1 pg 17</p>		<p><b>Unit 4: Recognise, compose, decompose and manipulate 2D and 3D shapes</b> 11 Learning Outcomes (LOs) 3 weeks 1G-1 pg 42 &amp; 1G-2 pg 44</p>			
<p>1NPV-1 pg 18 Prior learning - previous experience to 1NPV-1 pg 16 1.9 Composition of numbers: 20-100 TP 1.1 only</p>							<p>LOs 1-4 1.1 Comparison of quantities and measures 1.1 to 2.9</p>	<p>LOs 5-8 1.1 3.1 to 3.6 1.2 Introducing 'whole' and 'parts': part-part-whole 1.1 to 2.3</p>	<p>LOs 9-13 1.2 3.1 to 4.7</p>	<p>LOs 1-4 1.3 Composition of numbers: 0-5 1.1 to 4.3 1AS-1</p>	<p>LOs 5-8 1.3 5.1 to 7.5 1AS-1</p>	<p>LOs 1-4 1G-2</p>	<p>LOs 5-8 1G-2 1G-1</p>		

Spring term

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Half term	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6
03.01.22	10.01.22	17.01.22	24.01.22	31.01.22	07.02.22	14.02.22		28.02.22	07.03.22	14.03.22	21.03.22	28.03.22	04.04.22
<p>Unit 4: Recognise, compose, decompose and manipulate 2D and 3D shapes</p>	<p><b>Unit 5: Numbers 0-10</b> 10 Learning Outcomes (LOs) 3 weeks 1NPV-2 pg 20 &amp; 1AS-1 pg 30  Prior learning Y1 Unit 3: Numbers 0 to 5</p>			<p><b>Unit 6: Additive structures</b> 19 Learning Outcomes (LOs) 4 weeks 1AS-2 pg 36  Prior learning 1AS-2 pg 17</p>			<p>Unit 6 continued</p>	<p><b>Unit 7: Addition and subtraction facts within 10</b> 14 Learning Outcomes (LOs) 3 weeks 1NF-1 pg 24  Prior learning 1NF-1 pg 16</p>		<p><b>Unit 8: Numbers 0-20</b> 15 Learning Outcomes (LOs) 4 weeks 1NPV-2 pg 20  Prior learning Y1 Unit 5: Numbers 0 to 10</p>			
<p>LOs 9-11 1G-1</p>	<p>LOs 1-4 1.4 Composition of numbers: 6-10 1.1 to 1.10</p>	<p>LOs 5-7 1.4 2.1 to 3.8 1NPV-2</p>	<p>LOs 8-10 1.4 4.1 to 5.2</p>	<p>LOs 1-5 1.5 Additive structures: introduction to aggregation</p>	<p>LOs 6-10 1.5 3.4 to 4.4 1AS-2</p>	<p>LOs 11-15 1.6 2.1 to 3.4 1AS-2</p>	<p>LOs 16-19 1.6 3.2 to 4.6 1AS-2</p>	<p>LOs 1-5 1.7 Addition and subtraction: strategies within 10</p>	<p>LOs 6-10 1.7 5.1 to 9.4 1NF-1</p>	<p>LOs 11-14 1.7 9.1 to 10.3 1NF-1</p>	<p>LOs 1-4 1.10 Composition of numbers: 11-19 1.1 to 2.6</p>	<p>LOs 5-9 1.10 2.7 to 5.5 1NF-2</p>	



Year 1



Stepney PRIMARY SCHOOL	1AS-1			and partitioning 1.1 to 3.3	1.6 Additive structures: introduction to augmentation and reduction 1.1 to 1.7				1.1 to 4.5 1NF-1			1NPV-2	
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Summer term

Week 1	Week 2	Week 3	Week 4	Week 5	Half Term	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7
25.04.22	02.05.22	09.05.22	16.05.22	23.05.22		06.06.22	13.06.22	20.06.22	27.06.22	04.07.22	11.07.22	18.07.22
Unit 8 continued		<b>Unit 9: Unitising and coin recognition</b> 16 Learning Outcomes (LOs) 5 weeks 1NF-2 pg 26  Prior learning - previous experience 1NF-2 pg 16				Unit 9: continued		<b>Unit 10: Position and direction</b> 1 week	<b>Unit 11: Time</b> 2 weeks		Consolidation	
LOs 10-13 <b>1.10</b> 5.7 LOs 11-12 use resources from <a href="#">NC resource tool</a> 1NPV-2 pg 20-23	LOs 14&15 1NPV-2 pg 20-23 LOs 15 use resources from <a href="#">NC resource tool</a>	LOs 1-3 <b>2.1</b> Counting, unitising and coins 1.1 to 3.5 1NF-2	LOs 4-6 <b>2.1</b> 3.6 to 4.3 1NF-2	LOs 7-9 <b>2.1</b> 4.4 to 5.3 1NF-2		LOs 10-13 <b>2.1</b> 5.4 (5.2) to 5.7 1NF-2	LOs 14-16 <b>2.1</b> 6.1 to 6.6	Use existing resources and the information and suggestions <a href="#">here</a> to plan this unit as there are no NCETM classroom slides available.	Use existing resources and the information and suggestions <a href="#">here</a> to plan this unit as there are no NCETM classroom slides available.			

**Year 2**


Autumn term

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Half term	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7					
06.09.21	13.09.21	20.09.21	27.09.21	04.10.21	11.10.21	18.10.21		01.11.21	08.11.21	15.11.21	22.11.21	29.11.21	06.12.21	13.12.21					
<b>Unit 1: Numbers 10 to 100</b> 17 Learning Outcomes (LOs) 4 weeks 2NPV-1 pg 51 & 2NPV-2 pg 53 Prior learning 1NPV-2 pg 20				<b>Unit 2: Calculations within 20</b> 13 Learning Outcomes (LOs) 3 weeks 2AS-1 pg 57 & 2AS-2 pg 59			<b>Unit 3: Fluently add and subtract within 10</b> 2 Learning Outcomes (LOs) 1 week* 2NF-1 pg 55 Prior learning 1NF-1 pg 24								<b>Unit 4: Addition and subtraction of two-digit numbers (1)</b> 20 Learning Outcomes (LOs) 2 weeks* 2AS-3 pg 62 Prior learning Add and subtract within 10, for example $6+3=9$ ; $6-2=4$ ; know that a multiple of 10 is made up from a number of tens, for example, 50 is 5 tens.		<b>Unit 5: Introduction to multiplication</b> 34 Learning Outcomes (LOs) 7 weeks 2MD-1 pg 69 Prior learning Recognise repeated addition contexts and represent them with multiplication equations. Relate grouping problems where the number of groups is unknown to multiplication equations with a missing factor, and to division equations (quotitive division).		
LOs 1-5  1.8 Composition of numbers: multiples of 10 up to 100 1.1 to 3.7	LOs 6-10  1.8 4.1 to 5.9 1.9 Composition of numbers: 20-100 1.1 to 2.5	LOs 11-15  2NPV-1 2NPV-2  1.9 2.6 to 4.5	LOs 16-17  1.9 5.1 to 6.6	LOs 1-5  1.11 Addition and subtraction: bridging 10 1.1 to 4.10	LOs 6-10  1.11 5.1 to 6.8 2AS-1 1.12 Subtraction as difference 1.1 to 2.5 2AS-2	LOs 11-13  1.12 3.1 to 4.3 2AS-2	LOs 1-2 2NF-1  1.7 Addition and subtraction: strategies within 10 TP1-6 as required	LOs 1-11 1.13 Addition and subtraction: two-digit and single-digit numbers 1.1 to 4.9 2AS-3	LOs 12-20 1.14 Addition and subtraction: two-digit numbers and multiples of ten 1.1 to 4.3 2AS-3	LOs 1-5 2.2 Structures: multiplication representing equal groups 1.1 to 4.4 2MD-1	LOs 6-10 2.2 5.1 to 5.4 2.3 Times tables: groups of 2 and commutativity (part 1) 1.1 to 2.5 2MD-1	LOs 11-15 2.3 2.6 to 3.4 2.4 Times tables: groups of 10 and of 5, and factors of 0 and 1 1.1 to 1.9 2MD-1	LOs 16-20 2.4 2.1 to 3.6						

\*These units may take longer than the suggested weeks

Spring term

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Half term	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6
03.01.22	10.01.22	17.01.22	24.01.22	31.01.22	07.02.22	14.02.22		28.02.22	07.03.22	14.03.22	21.03.22	28.03.22	04.04.22
<b>Unit 5: Introduction to multiplication</b> continued			<b>Unit 6: Introduction to division structures</b> 11 Learning Outcomes (LOs) 2 weeks 2MD-2 pg 72		<b>Unit 7: Shape</b> 8 Learning Outcomes (LOs) 2 weeks 2G-1 pg 74 Prior learning 1G-1 pg 42		<b>Unit 8: Addition and subtraction of two-digit numbers (2)</b> 12 Learning Outcomes (LOs) 3 weeks 2AS-4 pg 66			<b>Unit 9: Money</b> 1 week	<b>Unit 10: Fractions</b> 9 Learning Outcomes (LOs) 2 weeks		

							Prior learning 2AS-3 pg 62					
<p>LOs 21-25</p> <p><b>2.4</b> 3.7 to 4.6</p> <p><b>2.5</b> Commutativity (part 2), doubling and halving 1.1 to 1.9</p>	<p>LOs 26-30</p> <p><b>2.5</b> 1.10 to 2.9</p>	<p>LOs 31-34</p> <p><b>2.5</b> 3.1 to 3.9 (TP4 is included in unit 13.)</p>	<p>LOs 1-6</p> <p><b>2.6</b> Structures: quotitive and partitive division 1.1 to 2.11 2MD-2</p>	<p>LOs 7-11</p> <p><b>2.6</b> 2.12 to 3.10 2MD-2</p>	<p>LOs 1-4</p> <p>2G-1 pg 74-75</p>	<p>LOs 5-8</p> <p>2G-1 pg 75</p>	<p>LOs 1-4</p> <p><b>1.15</b> Addition: two-digit and two-digit numbers 1.1 to 2.5 2AS-4</p>	<p>LOs 5-8</p> <p><b>1.15</b> 2.6 to 2.8 <b>1.16</b> Subtraction: two-digit and two-digit numbers 1.1 to 2.2 2AS-4</p>	<p>LOs 9-12</p> <p><b>1.16</b> 2.3 to 2.9 2AS-4</p>	<p>Use existing resources and the information and suggestions <a href="#">here</a> to plan this unit as there are no NCETM classroom slides available.</p>	<p>LOs 1-5</p> <p><b>3.0</b> Guidance on the teaching of fractions in Key Stage 1  Teaching progression point 1 pg 1 to TPP 2 pg 3</p>	<p>LOs 6-9</p> <p><b>3.0</b> Guidance on the teaching of fractions in Key Stage 1  Teaching progression point 3 pg 4 to TPP 5 pg 7</p>

Summer term

Week 1	Week 2	Week 3	Week 4	Week 5	Half Term	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7
25.04.22	02.05.22	09.05.22	16.05.22	23.05.22		06.06.22	13.06.22	20.06.22	27.06.22	04.07.22	11.07.22	18.07.22
		SATs										
<p><b>Unit 11: Time</b> 1 week</p>	<p><b>Unit 12: Position and direction</b> 1 week</p>	<p><b>Unit 13: Multiplication and division - doubling, halving, quotitive and partitive division</b> 16 Learning Outcomes (LOs) 3 weeks</p>			<p><b>Unit 14: Sense of measure - capacity, volume, mass</b> 2 weeks</p>		Consolidation					
<p>Use existing resources and the information and suggestions <a href="#">here</a> to plan this unit as there are no NCETM classroom slides available</p>	<p>Use existing resources and the information and suggestions <a href="#">here</a> to plan this unit as there are no NCETM classroom slides available</p>	<p>LOs 1-5</p> <p><b>2.5</b> Commutativity (part 2), doubling and halving 4.1 to 4.7 (Previous TPs were covered in unit 5.)</p>	<p>LOs 6-11</p> <p><b>2.5</b> 4.1 to 4.11</p>	<p>LOs 12-16</p> <p><b>2.5</b> 4.12 to 5.6</p>	<p>Use existing resources and the information and suggestions <a href="#">here</a> to plan this unit as there are no NCETM classroom slides available</p>							

Year 3

Autumn term

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Half term	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7
06.09.21	13.09.21	20.09.21	27.09.21	04.10.21	11.10.21	18.10.21		01.11.21	08.11.21	15.11.21	22.11.21	29.11.21	06.12.21	13.12.21
<b>Unit 1: Adding and subtracting across 10</b> 7 Learning Outcomes (LOs) 2 weeks 2AS-1 pg 57 & 3NF-1 pg 98		<b>Unit 2: Numbers to 1,000</b> 53 Learning Outcomes (LOs) 10 weeks 3NPV-1 pg 86, 3PNV-2 pg 88, 3NPV-3 pg 91, 3NPV-4 pg 95, 3NF-3 pg 103, 3AS-1 pg 106  Prior learning 2NPV-1 pg 51 & 2NPV-2 pg 53					<b>Unit 2: Numbers to 1,000 Continued</b>					Consolidation		
LOs 1-4 <b>1.11</b> Addition and subtraction: bridging 10 1.1 to 4.4	LOs 5-7 <b>1.11</b> 4.5 to 6.8 2AS-1	LOs 1-5 <b>1.17</b> Composition and calculation: 100 and bridging 10 1.1 to 2.8 3NPV-1 3NPV-4 3AS-1	LOs 6-10 <b>1.17</b> 2.9 to 3.13 3NPV-1 3NF-3	LOs 11-15 <b>1.17</b> 4.1 to 4.10	LOs 16-23 3NPV-1 (Developing a sense of measure (length) - additional resources from <a href="#">NCETM NC resource tool</a> , White Rose and elsewhere may be needed)	LOs 24-28 <b>1.18</b> Composition and calculation: three-digit numbers 1.1 to 2.4 3NPV-2 3NPV-3		LOs 29-33 <b>1.18</b> 2.5 to 3.4 3NPV-3	LOs 34-38 <b>1.18</b> 4.1 to 5.7	LOs 39-43 <b>1.18</b> 5.6 to 5.15	LOs 44-45 <b>1.18</b> 6.1 to 6.2 3NPV-4	LOs 46-53 (Developing a sense of measure (weight, capacity) - additional resources from <a href="#">NC resource tool</a> , White Rose and elsewhere may be needed)		

Spring term

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Half term	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	
03.01.22	10.01.22	17.01.22	24.01.22	31.01.22	07.02.22	14.02.22		28.02.22	07.03.22	14.03.22	21.03.22	28.03.22	04.04.22	
<b>Unit 3: Right angles</b> 8 Learning Outcomes (LOs) 2 weeks 3G-1 pg 134		<b>Unit 4: Manipulating the additive relationship and securing mental calculation</b> 15 Learning Outcomes (LOs) 4 weeks 3AS-3 pg 113				<b>Unit 5: Column addition</b> 10 Learning Outcomes (LOs) 2 weeks 3AS-2 pg 109			<b>Unit 5 continued</b>	<b>Unit 6: 2, 4, 8 times tables</b> 15 Learning Outcomes (LOs) 3 weeks 3NF-2 pg 100, 3MD-1 pg 117, 3NF-3 pg 103  Prior learning 1NF-2 pg 26			<b>Unit 7: Column subtraction</b> 6 Learning Outcomes (LOs) 1 week 3AS-2 pg 109	<b>Unit 8: Unit fractions</b>



Year 1



LOs 1-4 3G-1 pg 134-137	LOs 5-8 3G-1 pg 134-137	LOs 1-4 1.19 Securing Mental Strategies: calculation up to 999 1.1 to 3.2	LOs 5-8 1.19 3.3 to 4.2	LOs 9-12 1.19 4.3 to 4.4 3AS-3 pg 113-116	LOs 13-15 3AS-3 pg 113-116	LOs 1-5 1.20 Algorithms: column addition 1.1 to 3.5 3AS-2		LOs 6-10 1.20 4.1 to 5.5 3AS-2	LOs 1-5 2.7 Times tables: 2, 4 and 8 and the relationship between them 1.1 to 2.8	LOs 6-10 2.7 3.1 to 4.11	LOs 11-15 2.7 4.12 to 5.7 3NF-3 pg 103-105	LOs 1-6 1.21 Algorithms: column subtraction 1.1 to 2.10 3AS-2	LOs 1-4 3.1 Preparing for fractions: the part whole relationship 1.1 to 2.7
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Summer term

Week 1	Week 2	Week 3	Week 4	Week 5	Half Term	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	
25.04.22	02.05.22	09.05.22	16.05.22	23.05.22		06.06.22	13.06.22	20.06.22	27.06.22	04.07.22	11.07.22	18.07.22	
<b>Unit 8: Unit fractions</b> 21 Learning Outcomes (LOs) 5 weeks 3F-1 pg 120 & 3F-2 pg 124						<b>Unit 9 continued</b> 20 Learning Outcomes (LOs) 4 weeks 3F-1 pg 120, 3F-3 pg 127, 3F-4 pg 131			<b>Unit 10: parallel and perpendicular sides in polygons</b> 9 Learning Outcomes (LOs) 2 weeks 3G-2 pg 137		<b>Unit 11: Time</b> 1 week 3NPV-? pg  Prior learning 2NPV-? pg		Consolidation
LOs 5-8 3.1 3.1 to 4.5 3.2 Unit fractions: identify, representin g and comparing 1.1 to 2.4 3F-1	LOs 9-12 3.2 2.5 to 4.6 3F-1	LOs 13-16 3.2 5.1 to 6.9	LOs 17-21 3F-2 pg 124-126	LOs 1-5 3.3 Non-unit fractions: identify, representin g and comparing 1.1 to 3.5 3F-1		LOs 6-10 3.3 4.1 to 7.6 3F-3	LOs 11-15 3.3 8.1 to 8.13 3.4 Adding and subtracting within one whole 1.1 to 1.15 3F-4	LOs 16-20 3.4 2.1 to 4.5 3F-4	LOs 1-5 3G-2 pg 137-139	LOs 6-9 3G-2 pg 137-139	Use existing resources and the information and suggestions <a href="#">here</a> to plan this unit as there are no NCETM classroom slides available.		

Year 4

Autumn term

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Half term	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7
06.09.21	13.09.21	20.09.21	27.09.21	04.10.21	11.10.21	18.10.21		01.11.21	08.11.21	15.11.21	22.11.21	29.11.21	06.12.21	13.12.21
<b>Unit 1: Review of column addition and subtraction</b> 16 Learning Outcomes (LOs) 3 weeks 3AS-2 pg 109			<b>Unit 2: Numbers to 10,000</b> 19 Learning Outcomes (LOs) 5 weeks 4NPV-1 pg 146, 4NPV-2 pg 149, 4NPV-3 pg 150, 4NPV-4 pg 155, 4NF-3 pg 166  Prior learning 3NPV-1 pg 86, 3NPV-2 pg 88, 3NPV-3 pg 91, 3NPV-4 pg 95. 3NF-3 pg 103				<b>Unit 2 continued</b>		<b>Unit 3: Perimeter</b> 9 Learning Outcomes (LOs) 2 weeks 4G-2 pg 197		<b>Unit 4: 3, 6, 9 times tables</b> 19 Learning Outcomes (LOs) 4 weeks 4NF-1 pg 160 Prior learning 3NF-2 pg 100			
LOs 1-5 1.20 Algorithms: column addition 1.1 to 3.5 3AS-2	LOs 6-10 1.20 4.1 to 5.5 3AS-2	LOs 11-16 1.21 Algorithms: column subtraction 1.1 to 2.10 3AS-2	LOs 1-4 1.22 Composition and calculation: 1,000 and four-digit numbers 1.1 to 2.7 4NPV-1 4NF-3	LOs 5-8 1.22 2.5 to 3.6 4NF-3 4NPV-2	LOs 9-12 1.22 3.7 to 4.6 4NPV-3	LOs 13-16 1.22 4.7 to 5.6 4NPV-3	LOs 17-19 1.22 5.3 to 6.5 (not 6.2) 4NPV-4	LOs 1-5 2.16 Multiplicative contexts: area and perimeter 1 1.1 to 2.4 4G-2	LOs 6-9 2.16 3.1 to 3.9 <i>(TP 4 is area so likely covered in another unit)</i>	LOs 1-5 2.8 Times tables: 3, 6, 9 and the relationship between them 1.1 to 2.9	LOs 6-10 2.8 2.10 to 4.7	LOs 11-15 2.8 4.8 to 5.6	LOs 16-19 2.8 5.7 to 6.7	

Spring term

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Half term	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6
03.01.22	10.01.22	17.01.22	24.01.22	31.01.22	07.02.22	14.02.22		28.02.22	07.03.22	14.03.22	21.03.22	28.03.22	04.04.22
<b>Unit 5: 7 times table and patterns</b> 6 Learning Outcomes (LOs) 2 weeks 4NF-1 pg 160 Prior learning 3NF-2 pg 100		<b>Unit 6: Understanding and manipulating multiplicative relationships</b> 26 Learning Outcomes (LOs) 5 weeks 4MD-1 pg 170, 4MD-2 pg 173, 4MD-3 pg 178, 4NF-3 pg 166 Prior learning 3NF-3 pg 103					<b>Unit 7: Coordinates</b> 8 Learning Outcomes (LOs) 2 weeks 4G-1 pg 192 Prior learning 3G-1 pg 134 & 3G-2 pg 137		<b>Unit 8: Review of fractions</b> 6 Learning Outcomes (LOs) 1 week 3F-1 pg 120		<b>Unit 9: Fractions greater than 1</b> 20 Learning Outcomes (LOs) 5 weeks 4F-1 pg 182, 4F-2 pg 185, 4F-3 pg 188 Prior learning 3F-3 pg 127 & 3F-4 pg 131		
LOs 1-3 2.9 Times Tables: 7 and patterns within/across times tables	LOs 4-6 2.9 2.1 to 4.3	LOs 1-6 2.10 Connecting multiplication and division, and the	LOs 7-11 2.10 2.9 to 3.3 4MD-3 2.13	LOs 12-16 2.13 2.1 to 3.8	LOs 17-21 2.13 4.1 to 6.4 and 6.7	LOs 22-26 2.13 4.1 to 6.4 and 6.5 to 7.8 4NF-3 pg 166 - 169	LOs 1-4 4G-1 pg 192-193	LOs 5-8 4G-1 pg 193-194	LOs 1-6 3.1 Preparing for fractions: the part whole relationship 1.1 to 4.5	LOs 1-4 3.5 Working across one whole: improper fractions and	LOs 5-8 3.5 2.6 to 3.4 4F-1	LOs 9-12 3.5 3.5 to 5.6 4F-2	





Year 5

Autumn term

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Half term	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7
06.09.21	13.09.21	20.09.21	27.09.21	04.10.21	11.10.21	18.10.21		01.11.21	08.11.21	15.11.21	22.11.21	29.11.21	06.12.21	13.12.21
<b>Unit 1: Decimal fractions</b> 25 Learning Outcomes (LOs) 5 weeks 5NPV-1 pg 212, 5NPV-2 pg 216, 5NPV-3 pg 219, 5NPV-4 pg 225, 5NF-2 pg 236  Prior learning 4NPV-1 pg 146, 4NPV-2 pg 149, 4NPV-3 pg 150, 4NPV-5 pg 155, 4NF-3 pg 166					<b>Unit 2: Money</b> 9 Learning Outcomes (LOs) 23 weeks		<b>Unit 3: Negative numbers</b> 9 Learning Outcomes (LOs) 2 weeks		<b>Unit 4: Short multiplication and division</b> 31 Learning Outcomes (LOs) 6 weeks 5MD-3 pg 248, 5MD-4 pg 252  Prior learning 4MD-3 pg 178					
LOs 1-5 1.23 Composition and calculation: tenths 1.1 to 3.13 5NPV-1 5NPV-3 5NPV-4	LOs 6-10 1.23 4.1 to 5.7 5NPV-3 5NF-2	LOs 11-15 1.23 6.1 to 6.6 5NPV-3 1.24 Composition and calculation: hundredths and thousandths 1.1 to 3.8 5NPV-1 5NPV-2 5NPV-3	LOs 16-20 1.24 4.1 to 6.4 5NPV-2 5NPV-4 5NF-2	LOs 21-25 1.24 6.5 to 7.3 5NPV-3	LOs 1-5 1.25 Addition and subtraction: money 1.1 to 2.5	LOs 6-9 1.25 3.1 to 5.3	LOs 1-5 1.27 Negative numbers: counting, comparing and calculating 1.1 to 4.6	LOs 6-9 1.27 4.7 to 6.4	LOs 1-5 2.14 Multiplication: partitioning leading to short multiplication 1.1 to 2.3	LOs 6-10 2.14 2.4 to 2.11	LOs 11-15 2.14 2.12 to 4.2	LOs 16-20 2.14 4.3 to 4.7 5MD-3 2.15 Division: partitioning leading to short division 1.1 to 1.4 and 1.7	LOs 21-25 2.15 1.5 and 1.7 2.1 to 2.10 3.1 to 3.4	

Spring term

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Half term	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6
03.01.22	10.01.22	17.01.22	24.01.22	31.01.22	07.02.22	14.02.22		28.02.22	07.03.22	14.03.22	21.03.22	28.03.22	04.04.22
Unit 4 continued	<b>Unit 5: Area and scaling</b> 17 Learning Outcomes (LOs) 5 weeks 5G-2 pg 269					<b>Unit 6: Calculating with decimal fractions</b>	<b>Unit 6: Calculating with decimal fractions</b> 15 Learning Outcomes (LOs) 3 weeks 5MD-1 pg 241 Prior learning 4MD-1 pg 170		<b>Unit 7: Factors, multiples and primes</b> 16 Learning Outcomes (LOs) 4 weeks 5MD-2 pg 245 Prior learning 4MD-2 pg 173				



Year 1



<p>Stepney PRIMARY SCHOOL</p> <p>LOs 1-3 2.15 3.2 to 4.11 5MD-4</p>	<p>LOs 1-3 2.16 Multiplicative contexts: Area and Perimeter 1 4.1 to 4.7 5G-2 additional resources from <a href="#">NC resource tool</a></p>	<p>LOs 4-7 additional resources from <a href="#">NC resource tool</a> 2.16 5.1 to 6.6 5G-2</p>	<p>LOs 8-11 2.16 6.7 to 6.9 2.17 Structures: using measures and comparison to understand scaling 1.1 to 1.7</p>	<p>LOs 12-14 2.17 2.1 to 3.1</p>	<p>LOs 15-17 2.17 3.2 to 3.3</p>	<p>LOs 1-5 2.29 Decimal place value knowledge, multiplication and division 1.1 to 2.5 5MD-1</p>		<p>LOs 6-10 2.19 Calculation: <math>\times/\div</math> decimal fractions by whole numbers 1.1 to 2.5</p>	<p>LOs 11-15 2.19 3.1 to 5.10</p>	<p>LOs 1-4 2.20 Multiplication with three factors and volume 1.1 to 3.6</p>	<p>LOs 5-8 2.20 3.8 to 5.4</p>	<p>LOs 9-12 2.21 Factors, multiples, prime numbers and composite numbers 1.1 to 3.3 5MD-2</p>	<p>LOs 13-16 2.21 4.1 to 6.3 5MD-2</p>
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Summer term

Week 1	Week 2	Week 3	Week 4	Week 5	Half Term	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7
25.04.22	02.05.22	09.05.22	16.05.22	23.05.22		06.06.22	13.06.22	20.06.22	27.06.22	04.07.22	11.07.22	18.07.22
<p><b>Unit 8: Fractions</b> 35 Learning Outcomes (LOs) 7 weeks 5NPV-5 pg 229, 5F-1 pg 255, 5F-2 pg 258, 5F-3 pg 262 Prior learning 3F-2 pg 124</p>						<p>Unit 8 continued</p>		<p><b>Unit 9: Converting units</b> 9 Learning Outcomes (LOs) 2 weeks 5NPV-5 pg 229</p>		<p><b>Unit 10: Angles and transformations</b> 5 Learning Outcomes (LOs) 3 weeks 5G-1 pg 265</p>		<p>Consolidation</p>
<p>LOs 1-5 3.6 Multiplying whole numbers and fractions 1.1 to 1.18</p>	<p>LOs 6-10 3.6 2.1 to 3.10 5F-1</p>	<p>LOs 11-15 3.6 3.11 to 4.8</p>	<p>LOs 16-20 3.6 5.1 to 5.12 3.7 Finding equivalent fractions and simplifying fractions 1.1 to 1.5 5F-2</p>	<p>LOs 21-25 3.7 1.6 to 2.11 5F-2</p>		<p>LOs 26-30 3.7 2.12 to 2.23 5F-2 3.10 Linking fractions, decimals and percentages 1.1 to 1.8 5F-3</p>	<p>LOs 31-35 3.10 1.9 to 3.6 5F-3</p>	<p>LOs 1-5 5NPV-5 pg 229-333</p>	<p>LOs 6-9 5NPV-5 pg 229-333 for support with lesson and task design refer to the <a href="#">NCETM NC resource tool</a></p>	<p>LOs 1-2 5G-1 pg 265</p>	<p>LOs 3-5 5G-1 pg 266-267</p>	

Year 6

Autumn term

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Half term	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	
06.09.21	13.09.21	20.09.21	27.09.21	04.10.21	11.10.21	18.10.21		01.11.21	08.11.21	15.11.21	22.11.21	29.11.21	06.12.21	13.12.21	
<b>Unit 1: Calculating using knowledge of structures (1)</b> 28 Learning Outcomes (LOs) 6 weeks 6AS/MD-1 pg 298 & 6AS/MD-2 pg 302							<b>Unit 2: Multiples of 1,000</b> 10 Learning Outcomes (LOs) 2 weeks	<b>Unit 2 continued</b>	<b>Unit 3: Numbers up to 10,000,000</b> 22 Learning Outcomes (LOs) 4 weeks 6NPV-1 pg 282, 6NPV-2 pg 286, 6NPV-3 pg 289, 6NPV-4 pg 294  Prior learning 5NPV-1 pg 212, 5NPV-2 pg 216, 5NPV-3 pg 219, 5NPV-4 pg 225				<b>Unit 4: Draw, compose and decompose shapes</b> 7 Learning Outcomes (LOs) 2 weeks 6G-1 pg 322  Prior learning 4G-2 pg 197, 5G-1 pg 265, 5G-2 pg 269		
LOs 1-5 1.28 Common structures and the part-part-whole relationship 1.1 to 2.6 6AS/MD-1	LOs 6-10 1.28 2.7 to 3.7 1.29 Using equivalence and the compensation property to calculate 1.1 to 1.2 & 1.10	LOs 11-15 1.29 1.3 to 2.6	LOs 16-20 1.29 2.7 to 3.13	LOs 21-25 1.29 4.1 to 5.1 6AS/MD-2	LOs 26-28 1.29 5.2 to 5.7	LOs 1-5 1.26 Composition and calculation: multiples of 1,000 to 1,000,000 1.1 to 2.2		LOs 6-10 1.26 2.3 to 2.6 6.1 to 6.4	LOs 1-5 1.30 Composition and calculation: numbers up to 10,000,000 1.1 to 2.6 6NPV-1 6NPV-4 6NPV-2	LOs 6-10 1.30 2.7 to 4.3 6NPV-2	LOs 11-16 1.30 4.4 to 5.8 6NPV-3	LOs 17-22 1.30 5.9 to 6.13 6NPV-3	LOs 1-4 2.30 Multiplicative contexts: area and perimeter 2 1.1 to 1.7 6G-1	LOs 5-7 2.30 2.1 to 3.5 6G-1	

Spring term

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Half term	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6
03.01.22	10.01.22	17.01.22	24.01.22	31.01.22	07.02.22	14.02.22		28.02.22	07.03.22	14.03.22	21.03.22	28.03.22	04.04.22
<b>Unit 5: Multiplication and division</b> 29 Learning Outcomes (LOs) 4 weeks 6AS/MD-2 pg 302				<b>Unit 6: Area, perimeter, position and direction</b> 8 Learning Outcomes (LOs) 2 weeks		<b>Unit 7: Fractions and percentages</b>		<b>Unit 7: Fractions and percentages</b> 35 Learning Outcomes (LOs) 6 weeks 6F-1 pg 312, 6F-2 pg 316, 6F-3 pg 319 Prior learning 5F-2 pg 258					<b>Unit 8: Statistics</b> 1 week
LOs 1-7 2.18 Using equivalence to calculate 1.1 to 2.6 and 2.11	LOs 8-14 2.23 4.5 to 5.6 2.24 Division: dividing by	LOs 15-21 2.24 1.4 to 3.2	LOs 22-29 2.24 3.3 to 3.7 2.25 Using compensation	LOs 1-4 2.30 Multiplicative contexts: area and perimeter 2 1.1 to 3.5	LOs 5-8 2.30 Multiplicative contexts: area and perimeter 2 3.6 to 4.5	LOs 1-6 3.7 Finding equivalent fractions and simplifying fractions 3.1 to 3.15		LOs 7-12 3.8 Common denominator: more adding and subtracting 1.6 to 3.8	LOs 13-18 3.8 3.6 to 5.9 6F-2 6F-3	LOs 19-24 3.8 5.10 to 5.15 6F-3 3.9 Multiplying fractions and	LOs 25-30 3.9 3.1 to 3.8 3.10 Linking fractions,	LOs 31-35 3.10 6.1 to 6.15	Use existing resources and the information and suggestions <a href="#">here</a> to plan



Year 1



2.2 Stepney PRIMARY SCHOOL Multiplication strategies for larger numbers and long multiplication 3.1 to 4.4 6AS/MD-2	two-digit numbers 1.1 to 1.3		n to calculate 1.1 to 3.4 6AS/MD-2		Additional resources from <a href="#">NCETM NC Resource Tool</a>	6F-1 3.8 Common denomination : more adding and subtracting 1.1 to 1.5 6F-2					dividing fractions by a whole number 1.1 to 2.9	decimals and percentages 4.1 to 5.11		Co-operative Learning Trust this unit as there are no NCETM classroom slides available.
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Summer term

Week 1	Week 2	Week 3	Week 4	Week 5	Half Term	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7
25.04.22	02.05.22	09.05.22	16.05.22	23.05.22		07.06.21	14.06.21	21.06.21	28.06.21	05.07.21	12.07.21	19.07.21
		SATs Week										
SATs preparation			<b>Unit 9: Ratio and proportion</b> 10 Learning Outcomes (LOs) 2 weeks 6AS/MD-3 pg 305			<b>Unit 10: Calculating using knowledge of structures (2)</b> 5 Learning Outcomes (LOs) 1 week 6AS/MD-2 pg 302	<b>Unit 11: Solving problems with two unknowns</b> 15 Learning Outcomes (LOs) 2 weeks 6AS/MD-4 pg 308		<b>Unit 12: Order of operations</b> 8 Learning Outcomes (LOs) 1 week	<b>Unit 13: Mean average</b> 6 Learning Outcomes (LOs) 1 week		
			LOs 1-5 2.27 Scale factors, ratio and proportional reasoning 1.1 to 2.5 6AS/MD-3	LOs 6-10 2.27 2.6 to 4.10		LOs 1-5 1.29 Using equivalence and the compensation property to calculate 6.1 to 6.8	LOs 1-8 1.31 Problems with two unknowns 1.1 to 4.2 6AS/MD-4	LOs 9-15 1.31 4.3 to 5.7 6AS/MD-4	LOs 1-8 2.22 Combining multiplication with addition and subtraction 1.1 to 2.5  2.28 Combining division with addition and subtraction 1.1 to 2.5	LOs 1-6 2.26 Mean average and equal shares 1.1 to 4.2		