

## Mathematics Curriculum Plan

### EYFS - Cycle 1

	1	2	3	4	5	6	7	8	9	10	11	12	13	
<b>MN</b>				<b>Mastering Number Weeks 1-5</b>					<b>Mastering Number Weeks 6-10</b>					
<b>Main Teaching Input</b>  <i>(Developmental Objective Links)</i>	Number Songs with actions and puppets  Measure Days of the week  My school day  Weekly Planning Ideas	Number Songs with actions and puppets  Measure Days of the week  My school day  Weekly Planning Ideas	Number Number sense Number 1 (Cardinality)  Weekly Planning Ideas	Number Number sense Number 2 (Discuss one more) (Cardinality)  Weekly Planning Ideas	Number Number sense Number 3 (Discuss one more) (Cardinality)  Weekly Planning Ideas	Number Number sense Number 4 (Discuss one more) (Cardinality) (Double)  Weekly Planning Ideas	Number Number sense Number 5  Weekly Planning Ideas	Number Ordering Numbers 1-5  Weekly Planning Ideas	Calculation Every number can be made from one (Composition)  Weekly Planning Ideas	Calculation Number composition (Part, part, whole)  Weekly Planning Ideas	Calculation Number composition (Part, part, whole)  Weekly Planning Ideas	Calculation Adding two groups together	Geometry Shapes, Shapes, Everywhere!  2D Shape  Weekly Planning Ideas	Pattern Can you see my pattern?  Identifying repeating patterns  Weekly Planning Ideas

### EYFS - Cycle 2

	1	2	3	4	5	6	7	8	9	10	11	12	13
<b>MN</b>		<b>Mastering Number Weeks 11-15</b>						<b>Mastering Number Weeks 16-20</b>					
<b>Main Teaching Input</b>  <i>(Developmental Objective Links)</i>	Cons	Number Subitising (10 Black dots)	Number Number sense Number 6  Multiplication and Division introduce doubling	Calculation Addition from counting on	Number Number sense Number 7	Number Number sense Number 8  Multiplication and Division introduce halving	Multiplication and Division Doubling and halving	Pattern Creating repeating patterns	Number Number sense Number 9	Number Number sense Number 10	Number Number sense Number 10  Number Odd and Even	Calculation Number bonds to ten.	Geometry 3D Shape

### EYFS - Cycle 3

	1	2	3	4	5	6	7	8	9	10	11	12	13
<b>MN</b>		<b>Mastering Number Weeks 21-26</b>						<b>Mastering Number Weeks 26+</b>					
<b>Main Teaching Input</b>  <i>(Developmental Objective Links)</i>	Geometry Spatial awareness/positional language	Number Counting patterns 10-20	Number Counting patterns beyond 20.	Calculation Addition from counting on	Calculation Subtraction from counting back	Measure Length, height and distance	Measure Weight and capacity	Calculation Sharing	On the move Extended problem solving and reasoning Spatial reasoning		Consolidation		

## Year 1

	1	2	3	4	5	6	7	8	9	10	11	12	13
C1	Unit 1 Previous Reception experiences and counting within 100				Unit 2 Comparison of quantities and part-whole relationships			Unit 3 Numbers 0 to 5	Unit 4 Recognise, compose, decompose and manipulate 2D and 3D shapes			Unit 5 Numbers 0 to 10	
MN	Mastering Number weeks 1-5						Mastering Number weeks 6-10						
C2	Unit 5 Numbers 0 to 10		Unit 6 Additive structures				Unit 7 Addition and subtraction facts within 10			Unit 8 Numbers 0 to 20			
MN	Mastering Number weeks 11 - 15						Mastering Number weeks 16 - 20						
C3	Unit 9 Unitising and coin recognition				Unit 10 Position and direction	Unit 11 Time		*Unit 12* Fractions		*Unit 13* Measure			
MN	Mastering Number weeks 21 - 25						Mastering Number weeks 26 - 31						

## Year 2

Y2	1	2	3	4	5	6	7	8	9	10	11	12	13
C1	Unit 1 Numbers 10 to 100				Unit 2 Calculations within 20			Unit 3 Fluently add and subtract within 10	Unit 4 Addition and subtraction of two-digit numbers (1)		Unit 5 Introduction to multiplication		
	Mastering Number Weeks 1 - 5						Mastering Number Weeks 6 - 10						
C2	Unit 5 Introduction to multiplication	Unit 6 Introduction to division structures		Unit 7 Shape	Unit 8 Addition and subtraction of two-digit numbers (2)			Unit 9 Money	Unit 10 Fractions		Unit 11 Time	Unit 12 Position and direction	
	Mastering Number Weeks 11 - 15						Mastering Number Weeks 16 - 20						MN Weeks 21 - 26
C3	Unit 13 Multiplication and division – doubling, halving, quotative and partitive division			Unit 14 Sense of measure – capacity, volume, mass		SATS		*Unit 15* Cross Curricular Statistics			*Unit 16* Deeper Application and Consolidation Year 3 Ready		
	Mastering Number Weeks 21 - 26						Mastering Number Weeks 27 - 31						

## Year 3/4 Year A

	1	2	3	4	5	6	7	8	9	10	11	12	13	
Autumn	Unit 1 (NCETM Y3) Adding and subtracting across 10		Unit 2 (NCETM Y3) Numbers to 1,000										Consolidation	
TT Y3	Consolidate addition/subtraction facts within 10 Adding 1, Adding 2, Adding 0, Bonds to 10		Doubles 1-5		Add in Double 10	Add in Double 6	Add in Double 7	Add in Double 8	Add in Double 9	Near Doubles (+/-1)	Near Doubles (+/-2)	Ones without a family (5+8, 8+5, 3+6, 6+3)	All addition/subtraction of facts within 10	
TT Y4	Consolidate addition/subtraction facts within 10 and 2, 4 and 5 times tables		8 times tables (5 new facts – 8x3, 8x6, 8x7, 8x8, 8x9)				8 times tables (all) plus all previous facts learnt			3 times tables (4 new facts – 3x3, 6x3, 7x3, 9x3)			3 times tables plus all previous facts	
Spring	Unit 3 (NCETM Y4 – Unit 2) Numbers to 10,000				Unit 4 (NCETM Y3 Unit 5 and Y4 Unit 1) Column addition		Unit 5 (NCETM Y3 Unit 7 and Y4 Unit 1) Column subtraction		Unit 6 (NCETM Y4 Unit 4) 3, 6, 9 times tables				Consolidation	
TT Y3	All addition/subtraction of facts within 10	Doubles 1-10		2 times tables (multiplier 1st)	2 times tables (multiplier 1 <sup>st</sup> or 2 <sup>nd</sup> )	2 times tables (division facts too)	2 times tables		5 times tables (2x5 to 6x5)		5 times tables (7x5 to 9x5)	5 times tables (all)		
TT Y4	3 times tables plus all previous facts		6 times tables (3 new facts – 6x6, 7x6, 9x6)			6 times tables (all) plus all previous facts			9 times tables (2 new facts – 9x7, 9x9)		9 times tables (all) plus all previous facts		7 times tables (1 new fact – 7x7)	7 times tables – all facts now learnt!
Summer	Unit 7 (NCETM Y4 Unit 4) 7 times table and patterns	Unit 8 (NCETM Y4 Unit 8) Review of fractions from KS1	Unit 9 (NCETM Y3 Unit 8) Unit fractions	Unit 10 (NCETM Y3 Unit 9) Non-unit fractions	Unit 11 (NCETM Y4 Unit 9) Fractions greater than 1				Unit 12 (NCETM Y3 Unit 10) Parallel and perpendicular sides in polygons		Unit 13 (NCETM Y4 Unit 10) Symmetry in 2D shapes	Consolidation		
TT Y3	5 times tables and 2 times tables			4 times tables (2x4 to 6x4)	4 times tables (7x4 to 9x4)	4 times tables (all)		2, 4 and 5 times tables facts				10 times tables brush up		
TT Y4	All times tables up to 9x9		All times tables – including 11 and 12 times tables (if children are ready)						MTC		All times tables – including 11 and 12 times tables			

## Year 3/4 Year B

	1	2	3	4	5	6	7	8	9	10	11	12	12	
Autumn	Unit 1 (NCETM Y3) Adding and subtracting across 10		Unit 2 (NCETM Y3 Unit 4) Manipulating the additive relationship and securing mental calculation				Unit 3 (NCETM Y3 Unit 5 and Y4 Unit 1) Column addition		Unit 4 (NCETM Y3 Unit 7 and Y4 Unit 1) Column subtraction	Unit 5 (NCETM Year 3 Unit 6) 2, 4 and 8 times tables				Consolidation
TT Y3	Consolidate addition/subtraction facts within 10 Adding 1, Adding 2, Adding 0, Bonds to 10		Doubles 1-5		Add in Double 10	Add in Double 6	Add in Double 7	Add in Double 8	Add in Double 9	Near Doubles (+/-1)	Near Doubles (+/-2)	Ones without a family (5+8, 8+5, 3+6, 6+3)	All addition/subtraction of facts within 10	
TT Y4	Consolidate addition/subtraction facts within 10 and 2, 4 and 5 times tables		8 times tables (5 new facts – 8x3, 8x6, 8x7, 8x8, 8x9)				8 times tables (all) plus all previous facts learnt			3 times tables (4 new facts – 3x3, 6x3, 7x3, 9x3)			3 times tables plus all previous facts	
Spring	Unit 6 (NCETM Y4 – Unit 6) Understanding and manipulating multiplicative relationships				Unit 7 (NCETM Y3 Unit 8) Unit fractions				Unit 8 (NCETM Y3 Unit 9) Non-unit fractions				Consolidation	
TT Y3	All addition/subtraction of facts within 10	Doubles 1-10		2 times tables (multiplier 1st)	2 times tables (multiplier 1 <sup>st</sup> or 2 <sup>nd</sup> )	2 times tables (division facts too)	2 times tables		5 times tables (2x5 to 6x5)		5 times tables (7x5 to 9x5)	5 times tables (all)		
TT Y4	3 times tables plus all previous facts		6 times tables (3 new facts – 6x6, 7x6, 9x6)			6 times tables (all) plus all previous facts			9 times tables (2 new facts – 9x7, 9x9)		9 times tables (all) plus all previous facts		7 times tables (1 new fact – 7x7)	7 times tables – all facts now learnt!
Summer	Unit 9 (NCETM Y3 Unit 9) Non-unit fractions	Unit 10 (NCETM Y4 Unit 9) Intro to fractions greater than 1	Unit 11 (NCETM Y3 Unit 3) Right Angles	Unit 12 (NCETM Y4 Unit 3) Perimeter	Unit 13 (NCETM Y4 Unit 7) Coordinates		Unit 14 (NCETM Y3 Unit 11) Time	Unit 15 (NCETM Y4 Unit 12) Division with remainders						
TT Y3	5 times tables and 2 times tables			4 times tables (2x4 to 6x4)	4 times tables (7x4 to 9x4)	4 times tables (all)		2, 4 and 5 times tables facts				10 times tables brush up		
TT Y4	All times tables up to 9x9		All times tables – including 11 and 12 times tables (if children are ready)						MTC		All times tables – including 11 and 12 times tables			

Year 5/6 Year A

	1	2	3	4	5	6	7	8	9	10	11	12 -A	13
Autumn	Unit 1 (NCETM Y5)					Unit 2 (NCETM Y5)		Unit 3 (NCETM Y5)		Unit 4 (NCETM Y5)			
	Decimal fractions					Money		Negative numbers		Short multiplication and short division			
Arithmetic	Weekly Arithmetic Practice Application and Skills – Daily Arithmetic Practice												
Spring	Unit 5 (NCETM Y6 Unit 5)		Unit 6 (NCETM Y5 Unit 5)			Unit 7 (NCETM Y5 Unit 6)			Unit 8 (NCETM Y5)				
	Multiplication and division		Area and scaling			Calculating with decimal fractions			Fractions				
Arithmetic	Weekly Arithmetic Practice Application and Skills – Daily Arithmetic Practice												
Summer	Revision for KS2 SATS (including content from Cycle B and light touch converting units of measure and angles)			KS2 SATS	Unit 9 (NCETM Y5 Unit 7)				Unit 10 (NCETM Y5 Unit 9)		Unit 11 (NCETM Y6 Unit 10)		
					Factors, multiples and primes				Converting units		Angles		
Arithmetic	Weekly Arithmetic Practice Application and Skills – Daily Arithmetic Practice												

Year 5/6 Year B

	1	2	3	4	5	6	7	8	9	10	11	12 A	13
Autumn	Unit 1 (NCETM Y6)						Unit 2 (NCETM Y6) Multiples of 1,000	Unit 3 (NCETM Y6) Numbers up to 10,000,000				Unit 4 (NCETM Y6 Unit 5)	
	Calculating using knowledge of structures (1)											Multiplication and division	
Arithmetic	Weekly Arithmetic Practice Application and Skills – Daily Arithmetic Practice												
Spring	Unit 4 (NCETM Y6 Unit 5)			Unit 5 (NCETM Y6)		Unit 6 (NCETM Y6)				Unit 7 (NCETM Y6)	Unit 8 (NCETM Y6)		
	Multiplication and division			Area, perimeter, position and direction		Fractions and percentages				Statistics	Ratio and proportion		
Arithmetic	Weekly Arithmetic Practice Application and Skills – Daily Arithmetic Practice												
Summer	Revision for KS2 SATS (including content from Cycle A and light touch converting units of measure and angles)			SATS		Unit 9 (NCETM Y6 Unit 12)	Unit 10 (NCETM Y6 Unit 13)	Unit 11 (NCETM Y6 Unit 4)	Unit 12 (NCETM Y6 Unit 10)	Unit 13 (NCETM Y6 Unit 11)			
						Order of operations and algebra	Mean average	Draw, compose and decompose shapes	Calculating using knowledge of structures (2)	Solving problems with two unknowns			
Arithmetic	Weekly Arithmetic Practice Application and Skills – Daily Arithmetic Practice												