



# Tadcaster Primary Academy Long Term Plan Overview



(For a more comprehensive and interactive long term plan, please follow the links on the Tadcaster Maths homepage).

## 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>  <a href="#">(Developmental Objective Links)</a>	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  Calculation Finding one more	Number Ordering Numbers 1-5  Weekly Planning Ideas  Calculation Finding one less	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>  <a href="#">(Developmental Objective Links)</a>	Cons	Number Subitising (10 Black dots)  Multiplication and Division introduce doubling	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>  <a href="#">(Developmental Objective Links)</a>	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 Overview

	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	
FF	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			Unit 10 Position and direction	
FF	Mastering Number weeks 11 - 15						Mastering Number weeks 16 - 20						
C3	Unit 9 Unitising and coin recognition					Unit 11 Time		*Year 2 Unit 1* Numbers 10 to 100		*Unit 12* Fractions		*Unit 13* Measure	
FF	Mastering Number weeks 21 - 25					Mastering Number weeks 26 - 31							

## Year 2 Overview

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		
FF	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	
FF	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		
FF	Mastering Number Weeks 21 - 26					Mastering Number Weeks 27 - 31							

# Year 3/4 A

Y3/4 A	1	2	3	4	5	6	7	8	9	10	11	12	13	
C1	Unit 1 (NCETM Y3)		Unit 2 (NCETM Y3)											
	Adding and subtracting across 10 ↓		Numbers to 1,000 ↓											
FF Y3	Adding 1 Commutative: 7+1 and 1+7	Doubles of numbers to 5 1+1, 2+2, 3+3, 4+4, 5+5	Adding 2 Commutative: 7+2 and 2+7	Number bonds to 10 Commutative: 0+10, 1+9, 2+8, 3+7, 4+6		Adding 10 To single digits	Adding 0 Commutative	The ones without a family 3+5, 5+3, 3+6, 6+3	Near Doubles within 10 3+4 4+3, 4+5, 5+4	Doubles of numbers to 10 6+6, 7+7, 8+8, 9+9, 10+10	Near doubles bridging 10 5+6, 6+5, 6+7, 7+6	Near doubles bridging 10 7+8, 8+7, 8+9, 9+8	Bridging 10 3+8, 8+3 3+9, 9+3	
FF Y4	Recap Year 3 All Addition/Subtraction facts within 10. 2,5,4, 10 tts			3 times table 4 new facts (3x3, 6x3, 7x3, 9x3)			All 3 times table Plus all previously learnt facts			6 times table 3 new facts (6x6, 7x6, 9x6)			All 6 times table Plus all previously learnt facts	
C2	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)				
					Review of column addition ↓			Review of column subtraction ↓		3, 6, 9 times tables				
FF Y3	Bridging 10 4+7, 7+4, 4+8, 8+4, 4+9, 9+4	Bridging 10 5+7, 7+5, 5+8, 8+5, 5+9, 9+5	Bridging 10 6+8, 8+6, 6+9, 9+6	All additive facts mix	2 times table (multiplier first)	2 times table (multiplier first or second)	2 times table (division facts added in)	2 times table	2 times table	5 times table (2x5 to 6x5)	5 times table (2x5 to 6x5)	5 times table (7x5 to 9x5)	5 times table (all)	
FF Y4	All 6 times table Plus all previously learnt facts		9 times table 2 new facts (9x7, 9x9)			All 9 times table Plus all previously learnt facts		7 times tables 1 new fact (7x7)		All 7 times tables plus previously learnt facts		11 times table	11 times table plus previously learnt facts	12 times table plus previously learnt facts
C3	Unit 7 (NCETM Y4 Unit 4)		Unit 8 (NCETM Y4 Unit 8)		Unit 9 (NCETM Y3 Unit 8)	Unit 10 (NCETM Y3 Unit 9)	Unit 11 (NCETM Y4 Unit 9)				Unit 12 (NCETM Y3 Unit 10)		Unit 13 (NCETM Y4 Unit 10)	
	7 times table and patterns		Review of fractions from KS1		Unit fractions ↓	Non-unit fractions ↓	Fractions greater than 1 ↓				Parallel and perpendicular sides in polygons		Symmetry in 2D shapes	
FF Y3	5 times table (all) and 2tt	4 times table (2 x4 to 6x4)	4 times table (7 x4 to 9x4)	4 times table all facts comm and division facts	2, 4, 5tt facts comm and division facts	2, 4, 5tt facts comm and division facts	2, 4, 5tt facts comm and division facts	8 times table (8x3, 8x6, 8x7, 8x8, 8x9 )	8 times table (8x3, 8x6, 8x7, 8x8, 8x9 )	8 times table (all)	2, 4, 5, 8tt facts comm and division facts	2, 4, 5, 8tt facts comm and division facts	2, 4, 5, 8tt facts comm and division facts	
FF Y4	All times tables up to 12x12		All to 12 x12 practice - online practice and targeted booklet intervention						MTC		All to 9x9 practice for some and All in MTC for some			

# Year 3/4 B

Y3/4 B	1	2	3	4	5	6	7	8	9	10	11	12	13	
C1	Unit 1 (NCETM Y3)		Unit 2 (NCETM Y3)		Unit 3 (NCETM Y3 Unit 4)				Unit 4 (NCETM Y3 Unit 5 and Y4 Unit 1)		Unit 5 (NCETM Y3 Unit 7 and Y4 Unit 1)		Unit 6 (NCETM Year 3 Unit 6)	
	Adding and subtracting across 10 ↓		Numbers to 1,000 ↓		Manipulating the additive relationship and securing mental calculation				Column addition		Review of column addition ↓		Column subtraction ↓ Review of column subtraction	
FF Y3	Adding 1 Commutative: 7+1 and 1+7	Doubles of numbers to 5 1+1, 2+2, 3+3, 4+4, 5+5	Adding 2 Commutative: 7+2 and 2+7	Number bonds to 10 Commutative: 0+10, 1+9, 2+8, 3+7, 4+6		Adding 10 To single digits	Adding 0 Commutative	The ones without a family 3+5, 5+3, 3+6, 6+3	Near Doubles within 10 3+4 4+3, 4+5, 5+4	Doubles of numbers to 10 6+6, 7+7, 8+8, 9+9, 10+10	Near doubles bridging 10 5+6, 6+5, 6+7, 7+6	Near doubles bridging 10 7+8, 8+7, 8+9, 9+8	Bridging 10 3+8, 8+3 3+9, 9+3	
FF Y4	Recap Year 3 All Addition/Subtraction facts within 10. and 2,5,4, 10 tts			3 times table 4 new facts (3x3, 6x3, 7x3, 9x3)			All 3 times table Plus all previously learnt facts			6 times table 3 new facts (6x6, 7x6, 9x6)			All 6 times table Plus all previously learnt facts	
C2	Unit 6 (NCETM Year 3 Unit 6)	Unit 7 (NCETM Y4 – Unit 6)				Unit 8 (NCETM Y3 Unit 8)				Unit 9 (NCETM Y3 Unit 9)				
	2, 4 and 8 times tables	Understanding and manipulating multiplicative relationships				↓ Unit fractions				↓ Non-unit fractions				
FF Y3	Bridging 10 4+7, 7+4, 4+8, 8+4, 4+9, 9+4	Bridging 10 5+7, 7+5, 5+8, 8+5, 5+9, 9+5	Bridging 10 6+8, 8+6, 6+9, 9+6	All additive facts mix	2 times table (multiplier first)	2 times table (multiplier first or second)	2 times table (division facts added in)	2 times table	2 times table	5 times table (2x5 to 6x5)	5 times table (2x5 to 6x5)	5 times table (7x5 to 9x5)	5 times table (all)	
FF Y4	All 6 times table Plus all previously learnt facts		9 times table 2 new facts (9x7, 9x9)			All 9 times table Plus all previously learnt facts		7 times tables 1 new fact (7x7)		All 7 times tables plus previously learnt facts		11 times table	11 times table plus previously learnt facts	12 times table plus previously learnt facts
C3	Unit 9 (NCETM Y3 Unit 9)		Unit 10 (NCETM Y4 Unit 9)		Unit 11 (NCETM Y3 Unit 3)		Unit 12 (NCETM Y4 Unit 3)		Unit 13 (NCETM Y4 Unit 7)		Unit 14 (NCETM Y3 Unit 11) Time		Unit 15 (NCETM Y4 Unit 12)	
	↓ Non-unit fractions		Intro to fractions greater than 1 ↓		Right Angles		Perimeter		Coordinates				Division with remainders	
FF Y3	5 times table (all) and 2tt	4 times table (2 x4 to 6x4)	4 times table (7 x4 to 9x4)	4 times table all facts comm and division facts	2, 4, 5tt facts comm and division facts	2, 4, 5tt facts comm and division facts	2, 4, 5tt facts comm and division facts	8 times table (8x3, 8x6, 8x7, 8x8, 8x9 )	8 times table (8x3, 8x6, 8x7, 8x8, 8x9 )	8 times table (all)	2, 4, 5, 8tt facts comm and division facts	2, 4, 5, 8tt facts comm and division facts	2, 4, 5, 8tt facts comm and division facts	
FF Y4	All times tables up to 12x12		All to 12 x12 practice - online practice and targeted booklet intervention						MTC		All to 9x9 practice for some and All in MTC for some			

## Year 5/6 A

Y5/6 A	1	2	3	4	5	6	7	8	9	10	11	12	13
C1	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			
Ongoing	Unit 13 (NCETM Y6 Unit 12) Order of operations and algebra												Unit 14 (NCETM Y6 Unit 11) Solving problems with two unknowns
FF	Weekly Arithmetic Practice Application and Skills – Daily Arithmetic Practice												
C2	Unit 5 (NCETM Y6 Unit 5)	Unit 6 (NCETM Y5)					Unit 7 (NCETM Y6 Unit 7)		Unit 8 (NCETM Y5 Unit 6)			Unit 9 (NCETM Y5 Unit 5)	
	Multiplication and division ↴	Fractions ↴					Fractions and percentages ↴		Calculating with decimal fractions			Area and scaling	
Ongoing	Unit 14 (NCETM Y6 Unit 11) Solving problems with two unknowns									Unit 15 (NCETM Y6 Unit 13) Mean average			
FF	Weekly Arithmetic Practice Application and Skills – Daily Arithmetic Practice												
C3	Revision for KS2 SATS (including content from Cycle B and light touch converting units of measure and angles)				KS2 SATS	Unit 10 (NCETM Y5 Unit 7)			Unit 11 (NCETM Y5 Unit 9)		Unit 12 (NCETM Y6 Unit 10)		
						Factors, multiples and primes			Converting units		Angles		
FF	Weekly Arithmetic Practice Application and Skills – Daily Arithmetic Practice												

## Year 5/6 B

Y5/6 B	1	2	3	4	5	6	7	8	9	10	11	12	13
C1	Unit 1 (NCETM Y6 Unit 1)				Unit 2 (NCETM Y6 Unit 2)	Unit 3 (NCETM Y6 Unit 3)		Unit 4 (NCETM Y5 Unit 1)		Unit 5 (NCETM Year 5 Unit 8)		Unit 6 (NCETM Y6 Unit 5)	
	Calculating using knowledge of structures (1)				Multiples of 1,000	Numbers up to 10,000,000		Decimal fractions ↴		Fractions ↴		Multiplication and division ↴	
Ongoing	Unit 11 (NCETM Y6 Unit 12) Order of operations and algebra												Unit 12 (NCETM Y6 Unit 11) Solving problems with two unknowns
FF	Weekly Arithmetic Practice Application and Skills – Daily Arithmetic Practice												
C2	Unit 6 (NCETM Y6 Unit 5)	Unit 7 (NCETM Y6 Unit 6)		Unit 8 (NCETM Y6 Unit 7)					Unit 9 (NCETM Y6 Unit 8)		Unit 10 (NCETM Y6 Unit 9)		
	Multiplication and division ↴	Area, perimeter, position and direction (including missing coordinates)		Fractions and percentages ↴					Statistics		Ratio and proportion		
Ongoing	Unit 12 (NCETM Y6 Unit 11) Solving problems with two unknowns		Recap: Year 5 Unit 3 - Negative Numbers							Unit 13 (NCETM Y6 Unit 13) Mean average			
FF	Weekly Arithmetic Practice Application and Skills – Daily Arithmetic Practice												
C3	Revision for KS2 SATS (including content from Cycle A and light touch converting units of measure and angles)				SATS	Unit 13 (NCETM Y6 Unit 13)	Unit 14 (NCETM Y6 Unit 4)		Unit 15 (NCETM Y6 Unit 10)		Unit 12 (NCETM Y6 Unit 11)	Unit 11 (NCETM Y6 Unit 12)	
						Mean average	Draw, compose and decompose shapes (including circles)		Calculating using knowledge of structures (2)		Solving problems with two unknowns	Order of operations and algebra	
FF	Weekly Arithmetic Practice Application and Skills – Daily Arithmetic Practice												