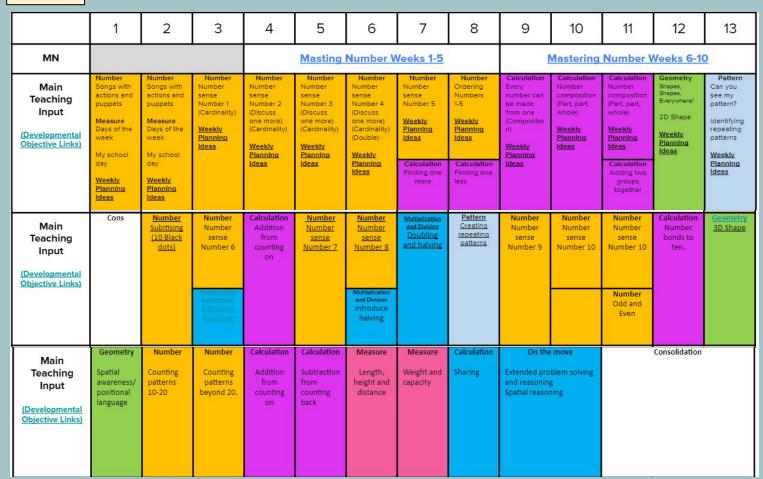
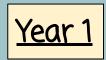


## Park Grove Primary Academy Long-term Maths Plan 2022-2023



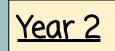






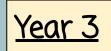


	1	2	3	4	5	6	7	8	9	10	11	12	13
C1	Unit 1				Unit 2			Unit 3			Unit 4		
	Previous Reception experiences and counting within 100 Comparison					of quantities and relationships	l part–whole				e, compose, decompose and pulate 2D and 3D shapes		Numbers 0 to 10
MN		Mastering Number weeks 1-5						Mastering Number weeks 6-10					
C2	Unit	Unit 5 Unit 6					Unit 7 Unit 8						
	Numbers	0 to 10		Additive	structures		Addition and subtraction facts within 10 Numbers 0 to 20						
MN			Master	ing Number weel	cs 11 - 15			Mastering Number weeks 16 - 20					
C3			Unit 9			Unit 10	Uni	it 11	*Uni	t 12*	*Uni	t 13*	
	Unitising and coin recognition					Position and direction	Time		Frac	Fractions Meas		sure	
MN	Mastering Number weeks 21 - 25						Mastering Number weeks 26 -31						



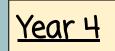


Y2	1	2	3	4	5	6	7	8	9	10	11	12	13
C1	Unit 1  Numbers 10 to 100  Ca					Unit 2 alculations within	20	Unit 3 Fluently add and subtract within 10	Unit 4  Addition and subtraction of two-digit numbers (1)		Introd	cation	
			Master	ring Number Wee	eks 1 - 5				Masteri	ng Number Weel	ks 6 - 10		
C2	Unit 5 Introduction to multiplication	<b>Un</b> Introduction struc	n to division		i <b>t 7</b> ape	Addition and s	Unit 8 ubtraction of two (2)	o-digit numbers	<b>Unit 9</b> Money	<b>Uni</b> : Fract		Unit 11 Time	Unit 12 Position and direction
		Masterii	ng Number Week	s 11 - 15				Masteri		MN Weeks 21 - 26			
СЗ					it <b>14</b> sure – capacity, e, mass	SATS			it 15* ular Statistics		*Unit 16* Deeper Application and Consolidation Year 3 Ready		
		Masterii	ng Number Week	s 21 - 26			Mastering Number Weeks 27 - 31						



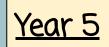


V2			3		-		-		9 – NTS?	10	**	12	142
Y3	1	2	3	4	5	6	7	8	9-N15?	10	11	12	13
C1	Unit	:1					Uni	t 2					5
	Adding and	subtracting					Numbers	to 1,000					1
9 9	across	s 10						War River					4
тт	Consolidate Ad	onsolidate Addition/Subtraction Facts within 10		Within 10	Within 10	Across 10	Across 10	Across 10	Across 10	Near Doubles	Near doubles (+/- 2)	Ones without a family	All Addition/Subtracti
	Adding 1. Ad	ding 2. Adding	0, Bonds to 10.	Double 1-5	Add in	Add in	Add in	Add in double	Add in	(+/-1)	(+/- 2)	lamily	on facts of
	7,100		, 55,113 15 251		Double 10	double 6	double 7	8	double 9			(5+8, 8+5, 3+6,	numbers within 10
												6+3)	
C2	Unit	:3	Unit 4 Mar	ipulating the additive		nd securing	Ur	it 5		Unit 6		Unit 7	
	mental cale						0.1			4 0 12		0.1	
	Right angles			2 times table Intro Lesson 1	2 times table Intro Lesson 2 Commutativity		3.		5 times tables Standard Intro Lesson 2, 4, 8 times tables			Column subtraction	
TT	All			2 times table	2 times table	2 times table	2 times table	2 times table	5 times table	5 times table	5 times table	5 times table (all)	5 times table (all)
	Addition/Subt raction facts		bles 1-10	(multiplier first)	(multiplier first or	(division facts added			(2x5 to 6x 5)	(2x5 to 6x 5)	(7x5 to 9x5)		
	of numbers	Dou	pies 1-10		second)	in)							
	within 10												
С3			Unit 8				Ur	it 9		Un	it 10	Unit 11	
			Unit fractions		4 times table		Non uni	fractions		Parallel and	nernendicular	Time	
	Unit fractions Standard in Lesson						NOTI-UIII	Hactions		Parallel and perpendicular Sides in polygons			
											VV. 6280		
т	5 times table and 2 tt	5 times table and 2	5 times table and 2 tt	5 times table and 2 tt	4 times table (2 x4 to 6x4)	4 times table (7 x4 to 9x4)	4 times table all facts	2, 4, 5tt facts	2, 4, 5tt facts	2, 4, 5tt facts	2, 4, 5tt facts	2, 4, 5tt facts	10 tt brush up!
	and 2 tt	tt			(2 44 (0 044)	(7 84 (0 384)	an lacts						



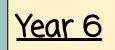


	1	2	3	4	5	6	7	8	9	10	11	12	13	
C1		Unit 1		Unit 2						it 3	Unit 4			
	Review of co	lumn addition and	subtraction							and Right Angles	3	3, 6, 9 times tables		
			Standa	Numbers to 10,000 dard intro esson						3 times table Standard Intro Lesson				
π	All Addition/Su	Recap Year 3	thin 102,5,4 tts	5 new fact	8 times table All 8 times table 5 new facts (8x3, 8x6, 8x7, 8x8, 8x9) Plus all previously learn					4 new	к3, 9к3)	3 times table plus all previous facts		
C2	Unit 4	Un	it 5			Unit 6	i		Un	it 7	Unit 8 Unit		it 9	
	3, 6, 9 times tables	7 times tal	ole and patterns	Und	erstanding and m	nanipulating multi	plicative relations	hips	Coord	inates	Review of fractions	reater than 1		
			6 times table Standard Intro Lesson						9 times table Standard Intro Lesson		7 times tab Standard Int Lesson			
π	All 3 tim	nes table		6 times table			All 6 times table		9 times table 2 new facts	All 9 ti	mes table	7 times tables	7 times tables	
	Plus all previously learnt facts 3 r		3 nev	w facts (6x6, 7x6,	, 9x6)	Plus a	ll previously learn	t facts	(9x7, 9x9)	Plus all previously learnt fact		1 new fact (7x7)	All facts now learnt	
СЗ	Unit 9  Fractions greater than 1  11 and 12 times table Standard infro Lesson			<b>Uni</b> Symmetry i		Unit 11 Time		Unit 12 M ivision with remainders		*Unit 13* Transformations				
тт	All times tab	les up to 9x9		All to 9x9 pra	All to 9x9 practice for some All in MTC for some					All to 9x9 practice for some and All in MTC for some				





	1	2	3	4	5	6	7	8	9	10	11	12	13
СІ		10.0001	it 2 ney	200	nit 3	Unit 4 Short multiplication and short division							
	Bespoke TT/Additive Facts inputs												
α	Short multiplica divis	ition and short	Unit 5  Area and scaling					Calculati	Unit 6 ng with decima	l fractions	<b>Unit 7</b> Factors, multiples and primes		
СЗ	Unit 7 Factors,				Unit 8 Fractions					nit 9	Unit 10 Angles		
	multiples and primes												





	1	2	3	4	5	6	7	8	9	10	11	12	13	
C1		Calculating using	nit 1 and Unit 1 ng knowledge of	structures (1)			Uni Multiples		Unit 3  Numbers up to 10,000,000				Unit 4  Draw, compose and decompose shapes	
			The state of the s		ems with two un	known <b>s</b>		Unit 12 - Order of operations						
C2	Unit 4  Draw, compose and	NAME OF THE PARTY						Unit 6 Unit 7  Primeter, position Fractions and percentages						
	decompose shapes							direction						
							Unit 13 - M	ean average						
СЗ	Unit 8 Statistics	Unit 9 Ratio and prop		SATS	Calculating using knowledge of structures (2)	Solving problems with two unknowns	Unit 12 Order of operations	Unit 13 Mean average		Further	exts			