



Park Grove
PRIMARY ACADEMY

Park Grove
Maths
Long-term Plans
2024-2025

EYFS - Cycle 1 Overview

	1	2	3	4	5	6	7	8	9	10	11	12	13
MN				<u>Masting Number Weeks 1-5</u>					<u>Mastering Number Weeks 6-10</u>				
Main Teaching Input	Number Songs with actions and puppets Measure Days of the week My school day	Number Songs with actions and puppets Measure Days of the week My school day	Number Number sense Number 1 (Cardinality)	Number Number sense Number 2 (Discuss one more) (Cardinality)	Number Number sense Number 3 (Discuss one more) (Cardinality)	Number Number sense Number 4 (Discuss one more) (Cardinality) (Double)	Number Number sense Number 5	Number Ordering Numbers 1-5	Calculation Every number can be made from one (Composition)	Calculation Number composition (Part, part, whole)	Calculation Number composition (Part, part, whole)	Geometry Shapes, Shapes, Everywhere! 2D Shape	Pattern Can you see my pattern? Identifying repeating patterns
Assessment	RBA Baseline observational assessment						Ongoing observational assessment					No. of children on-track for GLD	

Please note that the above is a working document and is subject to change due to the needs of the children

EYFS - Cycle 2 Overview

	1	2	3	4	5	6	7	8	9	10	11	12	13
MN		Mastering Number Weeks 11-15						Mastering Number Weeks 16-20					
Main Teaching Input	Cons	<u>Number Subitising (10 Black dots)</u>	Number Number sense Number 6	Calculation Addition from counting on	<u>Number Number sense Number 7</u>	<u>Number Number sense Number 8</u>	<u>Multiplication and Division Doubling and halving</u>	<u>Pattern Creating repeating patterns</u>	Number Number sense Number 9	Number Number sense Number 10	Number Number sense Number 10	Number Odd and Even	<u>Geometry 3D Shape</u>
			Multiplication and Division Introduce doubling			Multiplication and Division Introduce halving					Calculation Number bonds to ten.		
Assessment	Ongoing observational assessment											No. of children on-track for GLD	

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EYFS - Cycle 3 Overview

	1	2	3	4	5	6	7	8	9	10	11	12	13
MN		Mastering Number Weeks 21-26						Mastering Number Weeks 26+					
Main Teaching Input	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	<u>Measure</u> Length, height and distance	Measure Weight and capacity	Calculation Sharing	On the move Extended problem solving and reasoning Spatial reasoning	Consolidation			
Assessment	Ongoing observational assessment											No. of children on-track for GLD	

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Year 1

	1	2	3	4	5	6	7	8	9	10	11	12	13
C1	Reception recount			Previous learning—counting within 100			0-5	0-10			2D and 3D shapes		
FF	Mastering number 1-5							Mastering number 6-10					
C2	Additive Structures Addition and subtraction fact within 10				Numbers to 20				Unitising and coin recognition		Time	Position and Direction	Numbers 10 to 100
FF	Mastering number 11-15							Mastering number 16-20					
C3	Numbers 10 to 100				Fractions					Measure			
FF	Mastering number 21-25							Mastering number 25-30					

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Year 2

	1	2	3	4	5	6	7	8	9	10	11	12	13
C1	Numbers 10-100							Fluency add and subtract within 10	Calculations within 20	Addition and subtraction of two-digit numbers			
FF	MM- Weeks 1-5							MM- Weeks 6-10					
C2	Multiplication and division							Shape	Addition and subtraction of two-digit numbers			Money	
FF	MM- Weeks 11- 15						MM- Weeks 15- 20						
C3	Fractions	Time	Position and Direction	Multiplication and division				Measurement			KS2 Preparation		
FF	MM- Weeks 21- 26						MM- Weeks 27- 31						

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Year 3/4 - Whiterose

	1	2	3	4	5	6	7	8	9	10	11	12	13
C1	RTL Week	Unit 1: Place Value							Unit 8: Mass and Capacity			Assess	Unit 13 Shape (1,2,3)
FF	Adding 1 - commutative	Doubles of numbers to 5	Adding 2 - commutative	Number Bonds to 10 - commutative		Adding 10 to single digits	Adding 0	The ones without a family	Near doubles within 10	Doubles of numbers to 10	Near doubles bridging 10	Near doubles bridging 10	Bridging 10 +3
C2	Unit 2: Addition and Subtraction				Unit 3: Multiplication and Division A				Unit 5: Multiplication and Division B			Unit 7: Fraction A	
FF	Bridging 10 +4	Bridging 10 +5	Bridging 10 +6	All additive facts mixed	2 x table multiplier 1st	2 x table multiplier 1st or 2nd	2 x table Division introduced	2 x table all		5 x table 2x5 to 6x5	5 x table 7x5 to 9x5	5 x table all	
C3	Unit 7: Fraction A	Unit 9: Fraction B		Unit 10: Time		Unit 11: Decimals			Unit 12: Money		Unit 15: Statistics		Unit 14: Pos and D
FF	5 x table All and 2tt	4 x table 2x4 to 6x4	4 x table 7x4 to 9x4	4 x table Comm and division	2, 4, 5 x table Comm and division			8 x table 8x3, 8x6, 8x7, 8x8, 8x9		8 x table - all	2, 4, 5, 8 x table Comm and division		

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Year 4 - Whiterose

	1	2	3	4	5	6	7	8	9	10	11	12	13
C1	RTL Week	Unit 2 Column Addition and Subtraction			Unit 1 Place Value (Number to 10,000)					Unit 3/6 Length, perimeter and area		Unit 4 Multiplication & Division (1-6)	
FF	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	Recap	Unit 4 Multiplication & Division (7,8,11,12)	Unit 4 and 5 Multiplication and Division (excluding times table objectives)					Unit 7 Fractions				Unit 8/9 Decimals	
FF	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	12 times table plus previously learnt facts
C3	Unit 8/9 Decimals			Unit 10 Money		MTC	Unit 10 Money	Unit 11 Time	Unit 14 Position and direction		Unit 13 Statistics	Unit 12 Shape	
FF	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						

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Year 5

	1	2	3	4	5	6	7	8	9	10	11	12	13
C1	Ready to Learn Week	Decimal Fractions				Assesment	Decimal Fractions	Money		Negative Numbers		Short Multiplication and Division	
FF	Arithmetic Focus (based on QLAs)												
C2	Short Multiplication and Division			Area and Scaling		Assesment	Area and Scaling		Calculating with Decimal Fractions			Factors, Multiples, Primes	
FF	Arithmetic Focus (based on QLAs)												
C3	Factors, Multiples, Primes	Fractions				Assesment	Fractions			Converting Units	Angles		
FF	Arithmetic Focus (based on QLAs)												

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Year 6

	1	2	3	4	5	6	7	8	9	10	11	12	13
C1	Ready to Learn Week	Assess ment /	Calculating using knowledge of structures			Multiples of 1000	Numbers to 10,000,000		Multiplication and division		Assess ment	Multiplication and division continued	
FF	Arithmetic Focus (including previous fraction knowledge)												
C2	Fractions (inc. decimals and percentages)				Assess ment	Fractions continued	Area, Perimeter and Volume (Position and Direction)		Angles	Assess ment	Shape		Algebra
FF	Arithmetic Focus (including previous fraction knowledge)												
C3	Ratio	Statistics	Revision		SATs	Further application in real life contexts Year 7 ready							
FF	Arithmetic Focus (including previous fraction knowledge)												

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