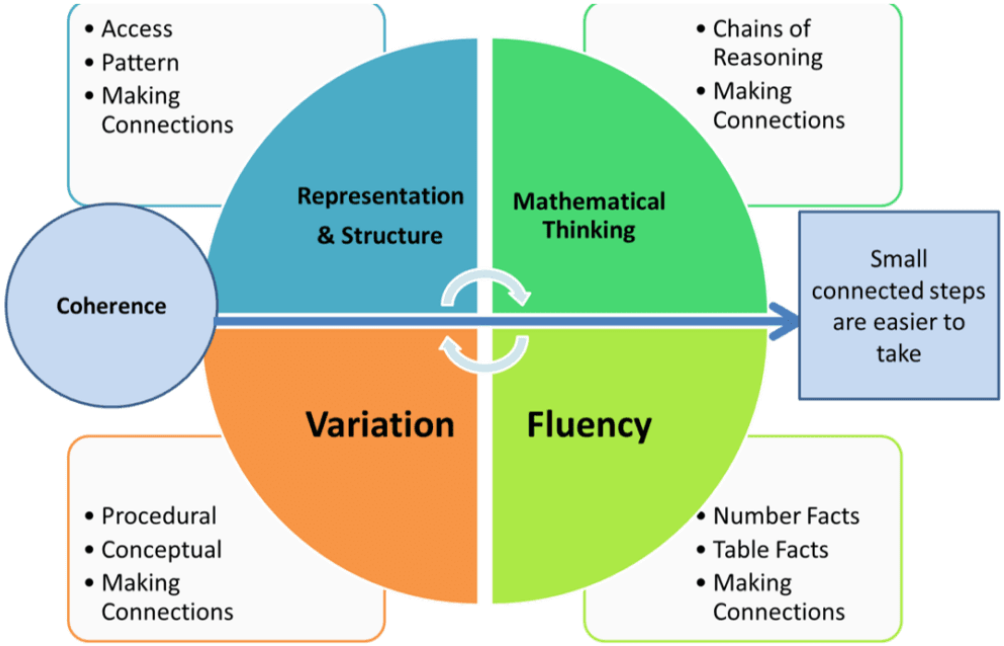
Park Gate Primary School Maths Curriculum Map (2026/2027)

Rationale:

Blocking to fit with Mastery Teaching, using main resources from NCETM PD materials

Additional domains: Statistics, measurement, time and geometry (properties of shape and position and direction) to be planned in throughout the year and built in to key strands of number and place value, addition and subtraction, multiplication and division and fractions and decimals.

Key Mastery principles:



Year group	Autumn 1 & 2		Spring 1 & 2		Summer 1 & 2	
R	*Exploring numbers from 0 – 20 using the Mastering Number NCETM programme.*					
1 *Mastering Number NCETM programme*	**Geometry (1 week)** Patterns **Number and Place Value** 1.1 comparison of quantities and measures 1.2 introducing parts and wholes 1.3 composition of numbers 0-5 1.4 composition of numbers 6 – 10	**Addition and Subtraction** 1.4 composition of numbers 6 – 10 (continued) **Geometry (1 week)** 3D shape 1.5 additive structures introducing aggregation and partitioning	**Addition and subtraction** 1.6 additive structures introducing: augmentation and reduction 1.7 Addition and subtraction: strategies within 10 **Geometry (1 week)** 2D shape	**Number and Place Value** Composition of numbers: multiples of 10 up to 100. Composition of numbers 20 -100 (1.9) **Statistics (1 week)** Interpret and construct simple pictograms, tally charts, block diagrams and tables	**Geometry** Position and Direction **Place Value** 0 composition of numbers 11 – 20 **Money** 2.1 Unitising and coin recognition	**Measures** Follow MTP documents **Time** Follow MTP documents **Fractions** Follow MTP documents

2 *Mastering Number NCETM programme*	**Number, addition and subtraction** 1.8 composition of numbers: multiples of 10 up to 100 1.9 composition of numbers 20– 100 1.7 add and subtract within 10 1.11 addition and subtraction: bridging 10	**Number, addition and subtraction** 1.12 subtraction as difference 1.13 addition and subtraction 2 digit and single digit numbers 1.14 addition and subtraction: 2 digit numbers and multiples of ten	**Geometry** – Properties (2 Weeks) **Multiplication and division** 2.2 structure: multiplication representing equal groups 2.3 Times tables: groups of 2 and commutativity 2.4 groups of 10 and of 5 and factors of 0 and 1 (Include Statistics for problem solving: pictograms, tallies, block diagrams and tables)	**Money** Follow MTP document **Multiplication and division** 2.5 commutativity (part 2) doubling and halving 2.6 division structures : quotative and partitive	**Fractions** 3.0 Fractions **Addition and subtraction of 2-digit numbers** 1.15 addition two digit and two-digit numbers	**Time** Oak Academy 1.16 subtraction two digit and two-digit numbers **Measurement** Money (1 week) Capacity, volume and mass (2 weeks) **Geometry – Position and Direction** (1 week)
3	**Number and Place Value** 1.17 Composition and calculation: 100 and bridging 100 1.18 Composition and calculation: three digit numbers	**Addition and Subtraction** (6 weeks) 1.19 securing mental strategies: calculation up to 999 ***Geometry (3 weeks)*** Angles	**Geometry** *Paralell and Perpendicular* **Addition and Subtraction** 1.21 algorithm : column subtraction **Measure** Length and perimeter	**Multiplication and division** (Recap) 2.6 structures: quotative and partitive division *problem solviing* 2.7 Times Tables: 2,4 and 8 and relationship between them	**Fractions** (5 weeks) 3.1 preparing for fractions: the part-whole relationship 3.2 unit fractions: identifying, representing and comparing	**Time** (3 weeks) Follow MTP document **Mass and capacity** (2 weeks) Follow MTP document

		Addition and Subtraction 1.20 algorithm: Column addition	Follow MTP documents	2.8 Times Tables: 3, 6 and 9 and the relationship between them	3.3 Non unit fractions: identifying, representing and comparing 3.4 Adding and comparing within one whole	**Multiplication and division** 2.9 7 and patterns across the times tables
4	**Statistics** (1 week) **Addition and Subtraction** Review of column addition and subtraction (3-digit) 1.20 Algorithms: column addition 1.21 Algorithms: column subtraction **Number and Place Value** 1.22 Composition and calculation: 1,000 and four digit numbers (4-digit)	**Number and Place Value – continued** **Geometry** (2 Weeks) Properties of shape and symmetry **Measure: Area and Perimeter** (2 weeks) 2.16 Multiplicative contexts: area and perimeter **Multiplication and division** 2.10 Connecting multiplication and division, and the distributive law	**Multiplication and division** 2.12 Division with remainders 2.13 multiplying and dividing by 10 and 100 **Measurement** Converting measure (1 week) 2.14 partitioning leading to short multiplication	***Fractions*** (5 weeks) Review of fractions (2 weeks) 3.1 the part whole relationship 3.2 unit fractions 3.3 non unit fractions 3.4 adding and subtracting within one whole New fractions (3 weeks) 3.5 working across one whole : improper fractions and mixed numbers	**Decimals** 1.23 composition and calculation :tenths 1.24 composition and calculation : hundredths (do not cover thousandths) **Geometry** Co- ordinates	**Time** (3 weeks) Follow MTP document **Measure** 1.25 Addition and subtraction money

5	) **Number and Place Value** (4 weeks) Roman numerals -Follow MTP document 1.27 negative numbers 1.26 composition and calculation: multiples of 1,000 up to 1,00,000 includes addition and subtraction Recap x and ÷ by 10,100 and 1,000 1.23 composition and calculation: tenths Including addition and subtraction 1.24 composition and calculation: hundredths and thousandths	**Addition and Subtraction** 1.28 Common structures and the part whole relationship 1.29 Using equivalence and the compensation property to calculate **Geometry (3 weeks)** Angles **Multiplication and division** 2.14 multiplication: to short division	***Multiplication and division*** 2.13 recap – division with remainders 2.15 division: partitioning leading to short division 2.17 Structures using measures and comparison to understand scaling – converting units of measure 5NPV- 5 2.18 Using equivalence to calculate 2..19 decimal fractions x whole numbers	**Measure** 2.16 Area and Perimeter (focus on area) 2.20 multiplication with three factors and volume 2.21 factors, multiples, prime numbers and composite numbers 2.22 combining multiplication with addition and subtraction	**Fractions, decimals and percentages** 3.6 multiplying whole numbers and fractions 3.7 finding equivalent fractions and simplifying fractions 3.8 Common denomination: more adding and subtracting	***Geometry- position and direction*** (2 weeks) **Time** Follow MTP document

	Including addition and subtraction					
6	**Number and Place Value including decimals** 1.30 composition and calculation *Addition and Subtraction problem solving* 1.24 Decimal place value 2.20 Multiplication with three factors and volume Recap: 2.21 factors, multiple, prime numbers and composite numbers 2.25	**Multiplication and division** 2.2.3 long multiplication **Measure** 2.30 multiplicative contexts: area and perimeter Include: volume (2.20) **Multiplication and division** 2.24 long division	**Fractions** 3.9 multiplication and division of fractions by whole numbers **Fractions, decimals and percentages** 3.10 linking FDP **Multiplication and Division** 2.26 mean average and equal shares 2.27 Scale factors, ration and proportional reasoning	Recap: 2.22 Combing multiplication with addition and subtraction 2.28 Combining division with add/sub **Algebra** 1.31 problems with 2 unknowns **Geometry** Properties of Shape Position and Direction	Revision	Project based problem solving

	Using compensation to calculate					