MARTON MANOR PRIMARY SCHOOL

Maths Curriculum

Long-Term Plans

The answer is only the beginning.

MARTON MANOR
PRIMARY SCHOOL

Long-Term Plans

Marton Manor
Maths Long-Term Plan: Year N

Autumn	Colours (2 weeks)		Matching (2 weeks)		Sorting (2 weeks)		Number 1 (1 week)	Number 2 Subitising (1 week)	Number 2 (1 week)	Pattern (2 weeks)		Consolidation (2 weeks)
Spring	Number 3 Subitising (1 week)	Number 3 (1 week)	Number 4 Subitising (1 week)	Number 4 (1 week)	Number 5 Subitising (1 week)	Number 5 (1 week)	Number 6 Subitising (1 week)	Number 6 (1 week)	Height & Length (1 week)	Mass (1 week)	Capacity (1 week)	Consolidation (2 weeks)
Summer	Sequencing (1 week)	Positional Language (1 week)	More, Fewer (2 weeks)		Shape (2 weeks)		Number Composition (1 week)	What Comes After (1 week)	What Comes Before (1 week)	Numbers To Five (2 weeks)		Consolidation (1 week)

Number | **Assessment / Revision** | **Measurement** | **Geometry** | **Statistics**

Marton Manor
Maths Long-Term Plan: Year R

Autumn	Subitising (2 weeks)	Cardinality, Ordinality & Counting (2 weeks)	Composition (2 weeks)	Comparison (2 weeks)	Circles & Triangles (1 week)	Shapes With 4 Sides (1 week)	Just Like Me (1 week)	Alive in 5 (1 week)
Spring	Subitising (2 weeks)	Cardinality, Ordinality & Counting (2 weeks)	Composition (2 weeks)	Comparison (2 weeks)	Growing 6 7 8 (2 weeks)	Building 9 and 10 (2 weeks)		
Summer	Subitising (2 weeks)	Cardinality, Ordinality & Counting (2 weeks)	Composition (2 weeks)	Comparison (2 weeks)	To 20 and beyond (1 week)	Find My Pattern (1 week)		

Number	Assessment / Revision	Measurement	Geometry	Statistics

Marton Manor
Maths Long-Term Plan: Year 1

Autumn	Place Value Within 10 (5 weeks)	Addition & Subtraction Within 10 (5 weeks)	Place Value (20) (3 weeks)	Properties of Shape (1 week)		
Spring	Addition & Subtraction Within 20 (3 weeks)	Place Value Within 50 (3 weeks)	Length & Height (2 weeks)	Mass & Capacity (3 weeks)		
Summer	Multiplication & Division (3 weeks)	Fractions (2 weeks)	Time (2 weeks)	Place Value Within 100 (2 weeks)	Money (1 week)	Position & Direction (2 weeks)

Number | **Measurement** | **Geometry** | **Statistics**

Design Intent

- Place value and calculation are broken down into steps of 10, 20, 50 and 100 to secure a deep understanding, especially of fluency.
- Calculation follows place value for consolidation but also as place value in the underlying factor of addition and subtraction.
- Time is positioned after fractions to allow consolidation through half-past.
- Money is positioned after place value to 100 so pennies into pounds can be more easily understood.

Marton Manor
Maths Long-Term Plan: Year 2

Autumn	Place Value (4 weeks)	Addition & Subtraction (4 weeks)	Statistics (2 weeks)	Properties of Shape (2 weeks)	
Spring	Multiplication & Division (4 weeks)	Fractions (4 weeks)	Time (4 weeks)		
Summer	Money (2 weeks)	Position & Direction (2 weeks)	Length & Height (2 weeks)	Mass, Capacity & Temperature (3 weeks)	NPVC Bridge (2 weeks)

Number	**Measurement**	**Geometry**	**Statistics**

Design Intent

- Addition and subtraction follows place value for consolidation but also as place value in the underlying factor of addition and subtraction.
- Statistics is positioned after add/take so they can be consolidated via sum/difference questions.
- Fractions follows multiplication and division as they are inherent parts of fractions.
- Time follows fractions so halves and quarters can be consolidated but also as they need to be understood for time.
- Summer term finishes with an NPVC bridge unit to shorten the time gap between last core learning and the new academic year.

Marton Manor
Maths Long-Term Plan: Year 3

Autumn	Place Value (4 weeks)	Addition & Subtraction (4 weeks)	Length & Perimeter (3 weeks)	Multiplication & Division (4 weeks)	
Spring	Fractions (5 weeks)	Properties of Shape (2 weeks)	Time (5 weeks)		
Summer	Fractions (3 weeks)	Money (2 weeks)	Mass & Capacity (2 weeks)	Statistics (2 weeks)	NPVC Bridge (2 weeks)

Number	Measurement	Geometry	Statistics

Design Intent

- Addition and subtraction follows place value for consolidation but also as place value in the underlying factor of addition and subtraction.
- Length and perimeter is positioned after add/take so they can be consolidated via perimeter calculations.
- Fractions follows multiplication and division as they are inherent parts of fractions.
- Shape and time follow fractions so halves and quarters can be consolidated but also as they need to be understood for time.
- Summer term finishes with an NPVC bridge unit to shorten the time gap between last core learning and the new academic year.

Marton Manor
Maths Long-Term Plan: Year 4

Autumn	Place Value (4 weeks)	Addition & Subtraction (4 weeks)	Length & Perimeter (2 weeks)	Multiplication & Division (4 weeks)	Area (1 week)
Spring	Fractions (4 weeks)	Properties of Shape (3 weeks)	Decimals (3 weeks)	Money (2 weeks)	
Summer	Decimals (3 weeks)	Position & Direction (2 weeks)	Time (3 weeks)	Statistics (2 weeks)	NPVC Bridge (2 weeks)

Number	Measurement	Geometry	Statistics

Design Intent

- Addition and subtraction follows place value for consolidation but also as place value in the underlying factor of addition and subtraction.
- Length and perimeter is positioned after add/take so they can be consolidated via perimeter calculations.
- Area follows multiplication and division so those skills can be consolidated.
- Shape follows fractions so fractions can be consolidated within shapes.
- Money follows decimals to assist with (and be consolidated by) the pence/pound conversion.
- Time follows position and direction for clockwise and anti-clockwise.
- Summer term finishes with an NPVC bridge unit to shorten the time gap between last core learning and the new academic year.

Marton Manor
Maths Long-Term Plan: Year 5

Autumn	Place Value (4 weeks)	Addition & Subtraction (4 weeks)	Statistics (2 weeks)	Multiplication & Division (3 weeks)	Perimeter & Area (2 weeks)
Spring	Multiplication & Division (4 weeks)	Fractions (4 weeks)	Properties of Shape (2 weeks)	Position & Direction (2 weeks)	
Summer	Decimals & Percentages (3 weeks)	Decimals (2 weeks)	Converting Units (2 weeks)	Volume & Capacity (2 weeks)	NPVC Bridge (2 weeks)

Number	Measurement	Geometry	Statistics

Design Intent

- Addition and subtraction follows place value for consolidation but also as place value in the underlying factor of addition and subtraction.
- Statistics is positioned after add/take so they can be consolidated via sum/difference questions.
- Area and perimeter follows multiplication and division so those skills can be consolidated.
- Shape follows fractions so fractions can be consolidated within shapes.
- Measures follow decimals to assist with (and be consolidated by) conversions.
- Summer term finishes with an NPVC bridge unit to shorten the time gap between last core learning and the new academic year.

Marton Manor
Maths Long-Term Plan: Year 6

Autumn	Place Value (4 weeks)		Four Operations (6 weeks)		Fractions (5 weeks)	
Spring	Decimals (2 weeks)	Percentages (2 weeks)	Ratio (2 weeks)	Algebra (2 weeks)	Area, Perimeter & Volume (2 weeks)	Statistics (1 weeks)
Summer	Revision (4 weeks)		SATs	Imperial Measures (2 weeks)	Algebra 2 (2 weeks)	Real-Life Maths Projects
	Properties of Shape (2 weeks - pm)	Position & Direction (2 weeks - pm)				

Number	Measurement	Geometry	Statistics

Design Intent

- Spring term units are positioned to allow consolidation and revision of Autumn term units as NPVC are inherent in all. This will mean less crammed revision pre-SATs.
- Imperial measures is after SATs as it is more difficult and less important content
- Algebra 2 is the more challenging part of Y6 content so is after SATs and acts as a nice bridge to secondary transition.