



Great Missenden – Maths – Whole School Overview

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Pre-school	- More than, fewer than, same - Explore and build with shapes and objects - Explore repeats - Hear and say number names	- Begin to order number names - I see 1, 2, 3 - Join in with repeats - Explore position and space	- Show me 1, 2, 3 - Move and label 1, 2, 3 - Explore position and routes - Explore patterns	- Talk and give 1, 2, 3 - Match, talk, push and pull - Talk about dots - Compare and sort collections	- Lead on own repeats - Start to puzzle - Making patterns together - Make games and actions	- Show me 5 - My own pattern - Stop 1, 2, 3, 4, 5 - Match, sort, compare
Reception	- Match, sort and compare - Talk about measure and patterns	- Numbers 1-5 - Circles, triangles and 4 sided shapes	'Alive in 5' - Mass and capacity - Numbers 6, 7, and 8	- Length, height and time - Building numbers 9 and 10 - Exploring 3D shapes	- Numbers to 20 and beyond - Manipulate, compose and decompose shapes	- Sharing and grouping - Visualise, build and map (patterns and position)
Year 1	- Place Value (within 10) - Addition and subtraction (within 10)	- Addition and subtraction (within 10) - Shape	- Place value (within 20) - Addition and subtraction (within 20)	- Place value (within 50) - Length and height (compare, measure in cm) - Mass and volume	- Multiplication and division (counting in 2s, 5s and 10s, recognising equal groups) - Fractions - Position and direction	- Place value (within 100) - Money - Time
Year 2	- Place value (up to 100) - Addition and subtraction	- Addition and subtraction 2D and 3D shapes	- Money (pounds and pence) - Multiplication and division (making and sharing equal groups, 2x, 5x and 10x table)	- Length and height (cm and mm) - Mass, capacity and temperature	- Fractions - Time	- Statistics (tallies and pictograms) - Position and direction
Year 3	- Place value (up to 1000) - Addition and subtraction	- Addition and subtraction - Multiplication and division A (learning times table facts: 3x, 4x, 8x)	- Multiplication and division B (written methods) - Length and perimeter (m, cm and mm)	- Fractions A (unit and non-unit fractions, order and compare) - Mass and capacity	- Fractions B (add and subtract) - Money	- Time - Shape (angles, parallel and perpendicular) - Statistics (bar charts, two-way tables)



Year 4	- Place value (up to 10,000) - Addition and subtraction	- Addition and subtraction - Area - Multiplication and division A (learning times table facts up to 12x12)	- Multiplication and division B (formal written methods) - Length and perimeter	- Fractions (mixed numbers, improper fractions, add fractions and mixed numbers) - Decimals A (tenths and hundredths, dividing numbers by 10 and 100)	- Decimals B (compare and order, round to the nearest whole, halves and quarters as decimals) - Money - Time	- Shape - Statistics (line graphs) - Position and directions (plot co-ordinates, translate on a grid)
Year 5	- Place value (up to 1,000,000) - Addition and subtraction	- Multiplication and division A (common multiples and factors, prime and square numbers) - Fractions A	- Multiplication and division B (formal written methods, multiply by 2-digit numbers, divide with remainders) - Fractions B (multiply fractions)	- Decimals and percentages - Perimeter and area - Statistics (read and interpret tables and line graphs)	- Shape - Position and direction - Decimals (add and subtract)	- Negative numbers - Converting units (length, metric and imperial, time) - Volume
Year 6	- Place value (up to 10,000,000) - Addition, subtraction, multiplication and division	- Fractions A (add, subtract, simplify) - Fractions B (multiply and divide) - Converting units (metric, imperial)	- Ratio - Algebra	- Decimals - Fractions, decimals and percentages (equivalence, percentages of an amount) - Statistics (dual bar charts, pie charts, the mean)	- Shape - Position and direction	Consolidation