Muschamp Primary School – Maths curriculum overview (LTP)

The long term plan for mathematics, is the National Curriculum in it's current form.
Our medium term planning is based on that of 'Solve Maths'.
Below is a curriculum overview to show where the elements of the NC are taught across the 6 half terms in each year group, based on the teaching cycles and spiral curriculum of Solve Maths.

Reception

Maths	Recognise up to 5 objects. Count objects, actions and sounds to 5. Subitise to 5. Recall some number bonds to 5. 1:1 count Select shapes, name 2D shapes, make continued patterns with shapes. ABAB patterns Compare quantities up to 5 - greater/less/same.	Recognise up to 5 objects. Count objects, actions and sounds to 5. Subitise to 5. Recall some number bonds to 5. 1:1 count Select shapes, name 2D shapes, make continued patterns with shapes. ABAB patterns Compare quantities up to 5 - greater/less/same.	**Recognise up to 10 objects.** **Compare quantities to 10 - using more/less/fewer** **Recall some number bonds to 10.** **Compare size, height and weight.** Compare quantities to 10	**Recognise up to 10 objects.** **Compare quantities to 10 - using more/less/fewer** **Recall some number bonds to 10.** **Compare size, height and weight.** Compare quantities to 10	Patterns ABB/ ABBC Counting beyond 10 Odds and evens Capacity ELG's - Number and Numerical Patterns	

Year 1

Maths	* Place value within 10 * Addition and subtraction - within 10 using concrete manipulatives	* Place value within 20 * Addition and subtraction within 20 * 2D and 3D Shape	* Addition and subtraction within 20 * Place value within 50	* Length and height * Weight and volume	* Arrays leading to x * Division as sharing * Fractions: ½ ¼ * Position and direction	* Place value within 100 * Money (notes and coins) * Time - half past, 'clock, morning, afternoon, evening, Days of the week, months of the year

Year 2

Maths (maths is on a spiral curriculum, meaning similar topics are revisited throughout the year so there aren't such distinct topics each half term).	Place Value Addition Subtraction Measuring length	Money Addition and subtraction Shape- 2D and 3D shapes and their properties Time- o'clock, half past	Length, Mass, Volume and Capacity Multiplication Division Addition and subtraction Money	Fractions of an amount and shape Position and direction Statistics Time Shape	Place Value Addition and subtraction Multiplication and Division Fraction of a shape and number	Shape Directional turns Capacity and mass

Year 3

Maths	Place Value Addition & Subtraction Multiplication and Division Measures: Area Measures: Money	Place Value Addition & Subtraction Multiplication and Division Measures: Perimeter Fractions	Place Value Addition & Subtraction Multiplication and Division 2D Shape 3D Shape	Place Value Addition & Subtraction & Inverse Multiplication and Division Space: Translation and coordinates	Place Value Addition & Subtraction Multiplication and Division Measures: Money Measures: Perimeter and Area	Place Value Addition & Subtraction & Inverse Multiplication and Division Space: Translation and coordinates Statistics: Time Graphs

Year 4

Maths	Place Value Addition & Subtraction Multiplication and Division Measures: Area Measures: Money	Place Value Addition & Subtraction Multiplication and Division Measures: Perimeter Fractions	Place Value Addition & Subtraction Multiplication and Division 2D Shape 3D Shape	Place Value Addition & Subtraction & Inverse Multiplication and Division Space: Translation and coordinates	Place Value Addition & Subtraction Multiplication and Division Measures: Money Measures: Perimeter and Area	Place Value Addition & Subtraction & Inverse Multiplication and Division Space: Translation and coordinates Statistics: Time Graphs

Year 5

Maths	Place Value, Addition/Subtraction, Perimeter Multiplication/division	Area, Factors, Prime Numbers, Cubed Number Decimal numbers, 2D & 3D shapes. Volume	Place Value, Addition/Subtraction, Area, Fractions, Multiplication/division, Percentage, Measurement, 2D	Percentage, Measurement, 2D Shape, Time	Place Value, Multiplication/division, Fractions,	Percentage, Angles, Time,

Maths (maths is on a spiral curriculum, meaning similar topics are revisited throughout the year so there aren't such distinct topics each half term).	Place value, decimals, number, shape,	Calculations, shape, statistics	Fraction and percentages, angles	Revision for SATs	Ratio, proportion, calculation, 2D and 3D shapes. Preparation for high school	Statistics, fraction, percentages, angles. Revision/interventions of areas of the curriculum where gaps have been identified. Preparation for high school