



# Primary Curriculum 2015-16

## Subject Long Term Plan

### Scheme of Work for: Maths

**'Going for Gold'**  
**'Achieving Excellence'**

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
R	Counting to 10 Reading numbers to 10 Sort/match by colour/size etc. 2D shapes Positional language Patterning with colour/shape	Counting to 10/back Reading numbers to 10 Ordering numbers to 10 Addition to 10/1 more Sequence by size-big/little,long/short,tall/Short. 2D shape-patterning Days of the week-time-today,yesterday,tomorrow	Counting to 20/back Reading numbers to 20 More than/less than 1 Addition to 10 –doubling to 10 Introduce subtraction within 10 Money-recognition and counting and shop play. Intr. 3D shapes Volume –full/empty	Counting to 20/back Missing numbers to 20 Reading numbers Add/subtract to 10,doubling. Sharing between 2 Compare measures-heavy-light,length,volume Garden centre-money play	Count/ordering to 20 of number Addition/subtraction to 10 More/less than a given number Compare size/weight etc Sharing-half Recognise and describe patterns . Time-sequence events	Counting/ordering/recognition to 20 Addition/subtraction to 10 Doubling/halving/sharing Saying 1 more/less than a given number. Time-O'clock-practically using sand timers.
1	Number and Place value Number and Place value Length and Mass/weight Addition and Subtraction 2-D and 3-D shape	Sequencing and Sorting Fractions Fractions Capacity and Volume Money Time Assess and review	Number and Place value Mass/weight 2-D and 3-D Shape Counting and Money Multiplication Division	Length and Mass/weight Addition and Subtraction Fractions Position and Direction Time Assess and review	Number and Place value Addition and Subtraction Capacity and Volume Fractions Position and Direction Time 2-D and 3-D shape	Time Multiplication and Division Subtraction - difference Measurement Sorting Assess and review
2	Number and Place value Number and Place value Length and Mass/weight Addition and subtraction 2-D and 3-D shape	Number and Place value Number and Place value Length and Mass/weight Addition and subtraction 2-D and 3-D shape	Number and Place value Mass/weight 2-D and 3-D Shape Counting and money Multiplication Division	Length and Mass/weight Addition and subtraction Fractions Position and direction Time Assess and review week	Number and Place value Addition and subtraction Capacity and volume and temperature Fractions Statistics Position and direction Time 2-D and 3-D shape	Time Multiplication and division Statistics including finding the difference Measurement Sorting Assess and review
3	Place value Place value and mental calculation 2D shape Length incl. perimeter Statistics Mental calculation Written addition Written subtraction	Counting Multiplication tables (3x, 4x) Written and mental multiplication Written and mental division Time 3D shape	Place value Mental addition and subtraction Fractions Division Volume and capacity Mass Multiplication incl. 8x table Multiplication statistics, measures, money	2D and 3D shape incl. sorting Addition and subtraction (statistics) Fractions Position and direction Time Assess and review	Multiplication facts (statistics) Addition and subtraction (measures) Multiplication and division (measures) 2D shape incl. sorting Decimals Addition and subtraction (money) 3D shape incl. sorting	Place value (measures) Mental calculation Fractions Measures Statistics Assess and review



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<b>4</b>	Place value Place value - decimals Written addition and subtraction Written addition and subtraction (problems and inverse) 2D shape Time	Mental multiplication incl. 6x and 9x tables Mental division Written multiplication Length incl. perimeter Statistics Assess and review	Place value Roman numerals Counting incl. negative numbers Fractions and decimals Fractions, decimals and Division Position and direction Area Multiplication (statistics, measures, money)	Mental multiplication and written division incl. 7x and 11x tables Place value Written multiplication 2D shape and position Addition and subtraction (statistics) Assess and review	Counting and sequences (statistics) Fractions and decimals (measures) Fractions and written division Measures Volume/capacity / mass Position and area Multiplication facts incl. 12x table and time	Place value Statistics Addition and subtraction (statistics) Multiplication and division Shape Assess and review week
<b>5</b>	Place value Place value (decimals) Written + and – including problems Geometry (angles) Geometry and measures (perimeter) Addition and subtraction (statistics)	Mental x and ÷ (factors, multiples) Division- including problems Fractions (compare, order, equivalence) Multiplication and measures (area) Statistics and measures (time) Assess and review	Mental x and ÷ (factors, multiples) Division including problems Fractions-(compare, order, equivalence) Multiplication and measures (area) Statistics and measures (time) Assess and review	Mental and written division 2D and 3D shape incl. sorting Calculating with fractions Measures (area and volume) Statistics and measures Assess and review	Place value Fractions Measures (time) and statistics Geometry Addition and subtraction Multiplication and division	Place value Written calculations Fractions Measures (mass, volume and capacity) Area and volume of shapes Assess and review
<b>6</b>	Place value incl. decimals Mental and written addition Mental and written multiplication (time) 2D and 3D shape Mental and written subtraction Mental and written division	Fractions Fractions, percentages, ratio and proportion Geometry - angles Statistics – pie charts Measurement – length, including perimeter / mass Measurement – area and volume Assess and review	Place value, sequences and coordinates 2D shape, coordinates, translation and reflection Measurement – temperature, mean Calculating with fractions Mental and written division Mental and written multiplication	Mental and written addition and subtraction Measurement, ratio and proportion 2D and 3D shape Area, perimeter and volume of shapes Statistics – line graphs and pie charts Assess and review	Place value, decimals and fractions Mental and written calculation Calculating fractions, ratio and proportion Coordinates, translation and reflection Algebra and sequences Measurement (length and time) and statistics - mean	Measurement – mass and volume / capacity Mental and written calculations Fractions Place value and decimals 2D and 3D shape Assess and review