

John Fletcher of Madeley Primary School
Medium term planning – New Curriculum 2014

Year 1

Autumn Term

Mathematical aspect		Curriculum statement
U & A	Unit 1 Counting	<ul style="list-style-type: none"> ●To count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number. ●To identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least.
U & A	Unit 2 Addition and subtraction To understand the operations of + and -	<ul style="list-style-type: none"> ●To read and write numbers from 1 to 20 in numerals and words. ●When given a number, identify one more and one less. ●To read, write and interpret mathematical statements involving addition (+), subtraction (-) and equals (=) signs. ●To add and subtract one-digit and two-digit numbers to 20, including zero.
U & A	Unit 3 Addition and subtraction Knowledge of operations	<ul style="list-style-type: none"> ●To add and subtract one-digit and two-digit numbers to 20, including zero. ●To solve simple one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems.
U & A	Unit 4 Addition totals to 20	<ul style="list-style-type: none"> ●To read, write and interpret mathematical statements involving addition (+), subtraction (-) and equals (=) signs. ●To represent and use number bonds and related subtraction facts within 20. ●To add and subtract one-digit and two-digit numbers to 20 (9 + 9, 18 - 9), including zero.
U & A	Unit 5 Geometry - Properties of shape	<ul style="list-style-type: none"> ●To recognise and name common 2D and 3D shapes, including: <ul style="list-style-type: none"> ●2D shapes (rectangles (including squares), circles and triangles) ●3D shapes (cuboids (including cubes), pyramids and spheres).
U & A	Unit 6 Addition and subtraction to 20	<ul style="list-style-type: none"> ●To represent and use number bonds and related subtraction facts within 20. ●To solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as $7 = \square - 9$
U & A	Unit 7 Counting, ordering and number sense	<ul style="list-style-type: none"> ●To count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number. ●To count, read and write numbers to 100 in numerals, count in multiples of twos, fives and tens. ●To identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least. ●To read and write numbers from 1 to 20 in numerals and words.

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U & A	Unit 8	Place value and comparing quantities and numbers	<ul style="list-style-type: none"> ● When given a number, identify one more and one less. ● To identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least. ● To read and write numbers from 1 to 20 in numerals and words.
U & A	Unit 9	Developing mental strategies for addition	<ul style="list-style-type: none"> ● To read, write and interpret mathematical statements involving addition (+), subtraction (–) and equals (=) signs. ● To represent and use number bonds and related subtraction facts within 20. ● To solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems.
U & A	Unit 10	Subtraction as take away & difference (counting on and back)	<ul style="list-style-type: none"> ● To read, write and interpret mathematical statements involving addition (+), subtraction (–) and equals (=) signs. ● To represent and use number bonds and related subtraction facts within 20. ● To add and subtract one-digit and two-digit numbers to 20, including zero. ● To solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems.
U & A	Unit 11	Measurement	<ul style="list-style-type: none"> ● To compare, describe and solve practical problems for: <ul style="list-style-type: none"> ● lengths and heights (long/short, longer/shorter, tall/short, double/half) ● mass or weight (heavy/light, heavier than, lighter than) ● capacity/volume (full/empty, more than, less than, quarter) ● time (quicker, slower, earlier, later). ● To recognise and know the value of different denominations of coins and notes.
U & A	Unit 12	Addition and subtraction using money	<ul style="list-style-type: none"> ● To read, write and interpret mathematical statements involving addition (+), subtraction (–) and equals (=) signs. ● To represent and use number bonds and related subtraction facts within 20. ● To add and subtract one-digit and two-digit numbers to 20, including zero. ● To solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems.