



Year 1 Mathematics Schema

<u>Year 1</u>		
<u>Autumn Term</u>	<u>Spring Term</u>	<u>Summer Term</u>
Read and write numbers from 1 to 20 in numerals and words.		
<u>Number and Place Value</u> *count to 20, forwards and backwards, beginning with 0 or 1, or from any given number *count read and write numbers to 20 in numerals; count in multiples of twos *given a number to 20, identify one more and one less *identify and represent numbers to 20 using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least <u>Addition and Subtraction</u> *represent and use number bonds and related subtraction facts within 10 *add and subtract one-digit numbers to 10, including zero	<u>Geometry - Shape</u> *2-D shapes [for example, rectangles (including squares), circles and triangles] *3-D shapes [for example, cuboids (including cubes), pyramids and spheres]. <u>Number and Place Value</u> *count in multiples of fives and tens *count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number *count, read and write numbers to 100 in numerals. *given a number, identify one more and one less to and across 100. *identify and represent numbers to 100 using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least	<u>Multiplication and Division</u> *solve one-step problems involving division, by calculating the answer using concrete objects, pictorial representations and arrays with the support of the teacher. <u>Addition and Subtraction</u> *solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as $7 = - 9$. <u>Fractions</u> *recognise, find and name a half as one of two equal parts of an object, shape or quantity *recognise, find and name a quarter as one of four equal parts of an object, shape or quantity. <u>Geometry - Position and Direction</u> *describe position, direction and movement, including whole, half, quarter and three-quarter turns.



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	<u>Addition and Subtraction</u> *represent and use number bonds and related subtraction facts within 20 *read, write and interpret mathematical statements involving addition (+), subtraction (-) and equals (=) signs *add and subtract one-digit and two-digit numbers to 20, including zero <u>Multiplication and Division</u> *solve one-step problems involving multiplication by calculating the answer using concrete objects, pictorial representations and arrays with the support of the teacher.	<u>Measurement</u> *compare, describe and solve practical problems for: - lengths and heights - mass/weight - capacity and volume - time (i.e. quicker, slower, earlier, later) *measure and begin to record the following: - lengths and heights - mass/weight - capacity and volume - time (hours, minutes, seconds) <u>Measurement - Money</u> *recognise and know the value of different denominations of coins and notes <u>Measurement - Time</u> *sequence events in chronological order using language (for example, before and after, next, first, today, yesterday, tomorrow, morning, afternoon and evening) *recognise and use language relating to dates, including days of the week, weeks, months and years *tell the time to the hour and half past the hour and draw hands on a clock face to show these times
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