

MATHS YEAR 2 - SPRING

WEEK	UNIT OF MATHS - NUMBER	UNIT OF MATHS - NON-NUMBER (1 day each week throughout Spring Term)
1-6	<p><u>Addition and Subtraction (cont'd)</u></p> <ul style="list-style-type: none"> add and subtract numbers using concrete objects, pictorial representations, and mentally, including: <ul style="list-style-type: none"> a two-digit number and ones a two-digit number and tens two two-digit numbers adding three one-digit numbers solve problems with addition and subtraction: <ul style="list-style-type: none"> using concrete objects and pictorial representations, including those involving numbers, quantities and measures applying their increasing knowledge of mental and written methods derive and use related facts up to 100 recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems. Calculate complements to 100 add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml) solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value 	<p><u>Statistics – Block diagrams</u></p> <ul style="list-style-type: none"> <i>interpret and construct block diagrams and tally charts</i> <ul style="list-style-type: none"> ask and answer simple questions by counting the number of objects in each category and sorting the categories by quantity ask and answer questions about totalling and comparing categorical data interpret and present data using <i>block diagrams and tally charts</i> solve one-step and two-step questions [for example, ‘How many more?’ and ‘How many fewer?’] using information presented in <i>block diagrams</i> solve comparison, sum and difference problems using information presented in above. <p><u>UNIT SPECIFIC VOCABULARY</u></p> <div data-bbox="1209 965 2042 1220"> <p>data, table, tally, tally chart, block diagram, interpret, compare, more than, less than, most, least, horizontal block diagram, vertical block diagram</p> </div>

	<p style="text-align: center;"><u>UNIT SPECIFIC VOCABULARY</u></p> <div> <p>add, addend, sum, more than, total, altogether, subtract, minuend, subtrahend, difference, take away, less than, minus, calculation, inverse, partition, number bonds, part-part-whole, equal, systematic, represent, double, half, make 10 strategy</p> </div>	
7-12	<p style="text-align: center;"><u>Multiplication and Division</u></p> <ul style="list-style-type: none"> recall and use multiplication and division facts for the 2,5, and 10 multiplication tables use place value, known and derived facts to multiply and divide mentally, including: <ul style="list-style-type: none"> multiplying by 0 and 1 dividing by 1 doubling and halving to 100 solve one-step problems involving multiplication and division, by calculating the answer using concrete objects, pictorial representations and arrays with the support of the teacher. calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (\times), division (\div) and equals (=) signs show that multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts. 	<p style="text-align: center;"><u>Measure –Length, Mass, Capacity/Volume & Temperature</u></p> <ul style="list-style-type: none"> choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm); mass (kg/g); temperature ($^{\circ}\text{C}$); capacity (litres/ml) to the nearest appropriate unit, using rulers, scales, thermometers and measuring vessels <p style="text-align: center;"><u>UNIT SPECIFIC VOCABULARY</u></p> <div> <p><u>length</u> long/short, longer/shorter, shortest/longest, double/half, metre, centimetre</p> <p><u>mass/weight</u> heavy/light, lightest/heaviest, heavier than/lighter than, gram, kilogram</p> <p><u>capacity/volume</u> full/empty, less than/more than, half full, litres, millilitres</p> <p><u>temperature</u> degrees celcius 0C</p> </div>

	<p><u>UNIT SPECIFIC VOCABULARY</u></p> <div data-bbox="262 162 1084 352"><p>calculation, repeated addition, equal groups, times tables, multiply, multiple, times, factor, product, represent, division, divide, share equally, find the number of groups</p></div>	<div data-bbox="1182 150 2051 308"><p>compare, same, different, measure, weigh, estimate, unit of measure, ruler, scale, thermometer</p></div>
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