

KS2 Number facts objectives

	1A	1B	2A	2B	3A	3B	Counting
<b>Year 3</b>	<p>Number bonds (recap)</p> <p>To 10 +/-</p> <p>To 20 +/-</p> <p>Spot patterns between bonds to 10 and 20.</p>	<p>2x 5x 10x (recap)</p> <p>3x mult/div facts</p> <p>Commutativity</p> <p>Ascending/descending order, mixed, divisions, missing number etc.</p>	<p>Addition</p> <p>3d +1d – use bond facts</p> <p>10 more/ 100 more</p> <p>Adding multiples of 10/100 using derived facts (140+50 – use 14+5)</p>	<p>4x and 8x tables</p> <p>Doubling/halving (connection), ascending/descending order, mixed, divisions, missing number etc.</p>	<p>Subtraction</p> <p>10 less</p> <p>100 less</p> <p>Subtracting multiples of 10/100 using derived facts (180-50... 18-5)</p>	<p>Time facts and telling the time</p> <p>Days of week</p> <p>Months of year</p> <p>Days in a month/year</p> <p>Minutes in a hour</p> <p>Hours in a day</p>	<p>Times tables – 2x, 5x, 10x, 3x, 4x, 8x</p> <p>Counting past 100</p> <p>Counting forwards and backwards</p> <p>Counting over boundaries</p> <p>Counting in 50s and 100s</p> <p>Counting in tenths</p>
<b>Year 4</b>	<p>Number bonds to 100 (recap)</p> <p>Spot patterns from derived facts (y3)</p>	<p>Recap Y3 and 6x mult/div facts</p> <p>Commutativity</p> <p>Ascending/descending order, mixed, divisions, missing number etc.</p>	<p>7x and 9x mult/div facts</p> <p>Commutativity</p> <p>Ascending/descending order, mixed, divisions, missing number etc.</p>	<p>11x and 12 mult/div facts</p> <p>Commutativity</p> <p>Ascending/descending order, mixed, divisions, missing number etc.</p>	<p>Addition and subtraction</p> <p>1000 more/less</p>	<p>Mult/div by 10 and 100 – place value</p> <p>Using known facts eg. <math>600 \div 3 = 200</math> can be derived from <math>2 \times 3 = 6</math></p>	<p>Times tables – 2x, 5x, 10x, 3x, 4x, 8x, 6x, 7x, 9x, 11x, 12x</p> <p>Count in multiples of 25 and 1000</p> <p>Count backwards through 0</p> <p>Count up and down in tenths and 100ths</p> <p>Count forwards and backwards in decimal steps</p>

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<p><b>Year 5</b></p>	<p>Revision of all x tables Commutativity Ascending/descending order, mixed, divisions, missing number etc.</p>	<p>Mult/div by 10, 100, 1000 (use PV) Prime numbers to 19 Factor pairs of a number Squared numbers</p>	<p>Revision of all x tables Commutativity Ascending/descending order, mixed, divisions, missing number etc.</p>	<p>Derived mult/div facts (6x70=420) etc.</p>	<p>Rounding to the nearest 10, 100, 1000, 10,000, 100,000  Place value (up to 3dps)</p>	<p>Metric conversions (length, mass, volume)</p>	<p>Times tables  Count forwards and backwards in powers of 10 up to 1,000,000  Count backwards through 0  Counting in fractional steps  Count forwards and backwards in decimal steps</p>
<p><b>Year 6</b></p>	<p>Revision of all x tables Commutativity Ascending/descending order, mixed, divisions, missing number etc.</p>	<p>Addition and subtraction Missing numbers</p>	<p>Mult/div by 10, 100, 1000 (inc. decimals) and derived facts</p>	<p>FDP equivalents</p>	<p>Arithmetic Practise</p>	<p>Revision of all x tables Commutativity Ascending/descending order, mixed, divisions, missing number etc.</p>	<p>Times tables  Count backwards through 0  Counting in fractional steps  Count forwards and backwards in decimal steps  Counting out loud numbers to 1,000,000</p>

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