



St Felix RC Primary School

Maths Curriculum



Progression document: Multiplication and division

Nursery	EY FS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
		<p>To count on in 2's and 5's within 50</p> <p>To count in 10's within 100.</p> <p>Solve one-step problems involving multiplication and division, using concrete objects, pictorial representations and arrays with the support of the teacher.</p>	<p>To introduce the multiplication and division signs</p> <p>To recognise repeated addition and represent using multiplication equation (within 2, 5, and 10 times tables)</p> <p>To know that multiplication can be done in any order (Commutative) and division can not.</p> <p>To introduce division as grouping (2, 5 and 10)</p> <p>To introduce division as sharing.</p> <p>To solve missing number problems involving</p>	<p>To secure recall of multiplication and corresponding division facts for 2, 10, 5, 3, 4 and 8 times tables.</p> <p>To use arrays to develop to develop understanding of division structures through grouping and sharing.</p> <p>To calculate 2 digit by 1 digit number using informal methods (e.g. partitioning)</p> <p>To solve missing number problems involving multiplication and division.</p>	<p>To secure multiplication and division facts up to 12×12</p> <p>To multiply by 0 and 1; to divide by 1</p> <p>To multiply three numbers together</p> <p>To multiply and divide whole numbers by 10 and 100 and relate that to scaling (10x the size)</p> <p>Manipulate multiplication and division equations and understand.</p> <p>To develop formal written methods for multiplication of 2 and 3 digit numbers by 1 digit.</p>	<p>To multiply and divide numbers by 10 and 100 involving numbers with up to 2 d.p.</p> <p>To find factors and multiples (including common factors and multiples) of positive whole numbers.</p> <p>Express a given number as a product of 2 or 3 numbers</p> <p>To multiply 4 digit numbers by 1 digit or 2 digits using formal written methods.</p> <p>To divide 4 digit by 1 digit number using formal written methods.</p>	<p>To multiply and divide numbers by 10, 100 and 1000 involving numbers with upto 3 d.p.</p> <p>To divide 4 digit numbers by 2 digit number.</p> <p>To solve problems involving ratio relationships.</p> <p>To solve problems with 2 unknowns.</p> <p>To use known facts to derive other key facts.</p>

			<p>multiplication and division (2, 5 and 10 times tables), using concrete and pictorial representations.</p>	<p>To solve simple scaling problems involving multiplication and division (e.g. twice as large)</p>	<p>To explore division with remainders using known multiplication tables.</p>	<p>To interpret remainders appropriately</p> <p>To recognise and recall prime numbers to 20.</p>	
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