

St Mary's RC Primary School Written Calculation Policy - Addition

Year		How it will look in written form
Y1	<ul style="list-style-type: none"> add one-digit and two-digit numbers to 20, including zero understand the effect of adding zero. Methods used for addition– link to VCP (U+U, U-U within 20, Teens + U, Teens subtract U) 	<div style="display: flex; justify-content: space-around;"> <div data-bbox="772 197 1110 421"> <p>A1: Objects & Pictures</p> </div> <div data-bbox="1166 197 1505 421"> <p>A2a: Counting On</p> </div> </div>
Y2	<ul style="list-style-type: none"> add numbers using concrete objects, pictorial representations, and mentally, (with number lines or jottings), including: <ul style="list-style-type: none"> a two-digit number & ones a two-digit number and tens two two-digit numbers adding three one-digit numbers Refer to VCP for methods. 	<div style="display: grid; grid-template-columns: 1fr 1fr; gap: 10px;"> <div data-bbox="772 439 1110 584"> <p>A3: Forwards Jump</p> </div> <div data-bbox="1182 439 1505 584"> <p>A4: Partitioning</p> </div> <div data-bbox="772 595 1110 741"> <p>A5: Partition Jot</p> </div> <div data-bbox="1182 595 1505 741"> <p>A6: Expanded Column</p> </div> </div>
Y3	<ul style="list-style-type: none"> add numbers mentally, including: <ul style="list-style-type: none"> a three-digit number and ones a three-digit number and tens a three-digit number and hundreds add numbers with up to three digits, using formal written methods including expanded method of columnar addition where appropriate – ie. Only use when a mental method or jotting is not more efficient 	<div style="display: grid; grid-template-columns: 1fr 1fr 1fr; gap: 10px;"> <div data-bbox="788 786 999 931"> <p>A6: Expanded Column</p> </div> <div data-bbox="1054 786 1265 931"> <p>A4c: Partitioning</p> </div> <div data-bbox="1321 786 1532 931"> <p>A5c: Partition Jot</p> </div> <div data-bbox="927 954 1137 1099"> <p>A3c: Forwards Jump</p> </div> <div data-bbox="1206 954 1417 1099"> <p>A7: Column Addition</p> </div> </div>
Y4	<ul style="list-style-type: none"> add numbers with up to 4 digits using the formal written methods of columnar addition (+ money / decimals) where appropriate – ie. Only use when a mental method or jotting is not more efficient Continue to add mentally using jottings if appropriate. Use understanding of the value of the number to decide when to calculate mentally and when to use written method. 	<div style="display: flex; justify-content: space-around;"> <div data-bbox="772 1133 1137 1458"> <p>A5d: Partition Jot</p> </div> <div data-bbox="1166 1133 1532 1458"> <p>A7d: Column Addition</p> </div> </div>
Y5	<ul style="list-style-type: none"> add whole numbers with more than 4 digits, (and decimals with up to 3 dp) including using formal written methods (columnar addition and subtraction) add numbers mentally with increasingly large numbers 	<div style="display: grid; grid-template-columns: 1fr 1fr 1fr; gap: 10px;"> <div data-bbox="772 1503 983 1648"> <p>A3g: Decimal Jump</p> </div> <div data-bbox="1038 1503 1249 1648"> <p>A4f: Partitioning</p> </div> <div data-bbox="1321 1503 1532 1648"> <p>A5g: Partition Jot</p> </div> <div data-bbox="903 1671 1114 1816"> <p>A7e: Column Addition</p> </div> <div data-bbox="1222 1671 1433 1816"> <p>A7i: Column Addition</p> </div> </div>
Y6	<ul style="list-style-type: none"> add any set of whole numbers and decimals using an appropriate written method perform mental calculations, including with mixed operations and large numbers Continue to use written methods to add whole numbers. Use written methods to add decimals. 	

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