

Primary Progression – Addition & Subtraction



	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Addition & Subtraction: Recall, Represent, Use	- read, write and interpret mathematical statements involving addition (+), subtraction (−) and equals (=) signs - represent and use number bonds and related subtraction facts within 20 Autumn 2 Spring 1	- recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100 - show that addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot - recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems Autumn 2	estimate the answer to a calculation and use inverse operations to check answers Autumn 2	estimate and use inverse operations to check answers to a calculation Autumn 2	use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy Autumn 2	

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Addition & Subtraction: Calculations	add and subtract one-digit and two-digit numbers to 20, including zero Autumn 2 Spring 1	- add and subtract numbers using concrete objects, pictorial representations, and mentally, including: - a two-digit number and ones - a two-digit number and tens - two two-digit numbers - adding three one-digit numbers Autumn 2	- add and subtract numbers mentally, including: - a three-digit number and ones - a three-digit number and tens - a three-digit number and hundreds - add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction Autumn 2	add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate Autumn 2	- add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction) - add and subtract numbers mentally with increasingly large numbers Autumn 2	- perform mental calculations, including with mixed operations and large numbers - use their knowledge of the order of operations to carry out calculations involving the four operations Autumn 2

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	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Addition & Subtraction: Solve Problems	solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as $7 = \square - 9$ Autumn 2 Spring 1	- solve problems with addition and subtraction: ➤ using concrete objects and pictorial representations, including those involving numbers, quantities and measures ➤ applying their increasing knowledge of mental and written methods Autumn 2	solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction Autumn 2	solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why Autumn 2	- solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why - solve problems involving addition, subtraction, multiplication and division and a combination of these, including understanding the meaning of the equals sign Autumn 2	solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why Autumn 2