



## ADDITION AND SUBTRACTION YEAR 3

Strand	What do I already know?	What am I going to be learning?	What will I learn in Year 4?
<b>Mental Calculation</b>	Number bonds to 100 - Y1/2 + and – numbers to 20 – Y1 + and – two 2-digit numbers – Y2 Order doesn't matter (commutative) in addition Order does matter in subtraction – Y2	add and subtract numbers mentally, including: * a three-digit number and ones * a three-digit number and tens * a three-digit number and hundreds	
<b>Written Methods</b>	Use + - = in Y1	add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction	add and subtract numbers with up to 4 digits using the formal written methods of column addition and subtraction where appropriate
<b>Inverse operations, estimating and checking</b>	Use inverse of + or – to check missing number calculations – Y2	estimate the answer to a calculation and use inverse operations to check answers	estimate and use inverse operations to check answers to a calculation
<b>Problem solving</b>	Solve 1-step problems, using pictures or objects to help – Y1 Solve problems using objects or pictures, including quantities and measures – Y2	solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction	solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why
<b>Vocabulary</b>	Ones, tens, hundreds, add, sum, total, subtract, difference, inverse, operation, estimate, commutative		