



Year 3

Autumn

- I add and subtract numbers mentally, including: 3- digit numbers and ones; 3-digit numbers and tens; 3- digit numbers and hundreds
- I add and subtract numbers with up to 3 digits, using formal written methods of columnar addition and subtraction
- I estimate the answer to a calculation and use the inverse operations to check my answers
- I solve word problems including missing number problems, number facts, place value and more complex addition and subtraction

Year 3



Year 4

Autumn

- I add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction, where appropriate
- I estimate and use inverse operations to check answers to a calculation
- I solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why



Year 4

Year 5

Autumn

- I add and subtract numbers mentally with increasingly large numbers
- I add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction)
- I use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy
- I solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why

Year 5

Year 6

Year 6

Autumn

- I perform mental calculations, including with mixed operations and large numbers
 - I use knowledge of the order of operations to carry our calculations involving the four operations
 - I use estimation to check answers to calculations and determine, in the context of a problem, levels of accuracy
 - I solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why
- Summer
- I solve problems involving addition, subtraction, multiplication & division

Year 2

Autumn

- I understand that addition of any two numbers can be done in any order (commutative) and subtraction of one number from another cannot
- I recall and use addition and subtraction facts to 20 fluently and derive and use related facts up to 100
- I add and subtract numbers mentally, including: 2- digit numbers and ones; 2-digit numbers and tens; two 2- digit numbers; adding three 1-digit numbers, including crossing the tens boundary
- I recognise and use the inverse relationship between addition and subtraction and use this to check calculations and missing number problems

Year 2



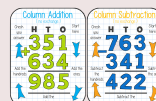
Addition & Subtraction



Year 1

Autumn

- I read, write and interpret mathematical statements involving + - = signs
- I represent and use number bonds and related subtraction facts within 10
- I add and subtract 1-digit numbers to 10 including zero



Reception

Autumn

- I can find 1 more or 1 less than a number to 5
- Spring
- I can confidently add numbers to 5, recognising all combinations
 - I can confidently combine 2 sets of objects to find the whole number
 - I understand and recall different combinations which total 10
 - I can count on and back when adding or subtracting two 1- digit numbers
 - I understand that the term 'double' means twice as many



Spring

- I represent and use number bonds and related subtraction facts within 20
- I add and subtract 1-digit and 2- digit numbers to 20, including zero
- I add and subtract 1-digit and 2- digit numbers to 20, including zero
- I solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems

PROBLEM SOLVING

