	Addition and Subtraction	When Vocabulary is first introduced
EYFS		
Addition and subtraction within 6 (Autumn)	• add and subtract two single-digit numbers • estimate a number of objects and check by counting up to 6 • introduce the concept of 0 as the empty set • subitise within 5 • represent and use number bonds within 5 • use quantities and objects to add and subtract two single-digit numbers	Add Addition Altogether Count Difference Double
Addition and subtraction within 10 (Spring)	• estimate a number of objects and check by counting up to 10 • add and subtract two single-digit numbers and count on or back to find the answer • use quantities and objects to add and subtract two single-digit numbers	Equal Fewer Less Minus More
Securing addition and subtraction facts (Summer)	• estimate a number of objects and check by counting up to 20 • add and subtract two single-digit numbers and count on or back to find the answer • explore the relationship between addition and subtraction • compare quantities and objects to solve problems • solve problems, including doubling, halving and sharing • say which number is one more or one less than a given number • use quantities and objects to add and subtract two single-digit numbers	Number Bond Number Line Plus Subtract Subtraction Sum Take Away Total

Year 1	Addition and subtraction within 10 (Combination and partitioning) (Autumn)	•represent and use number bonds and related subtraction facts [within 10] • add and subtract one-digit numbers [to 10], including zero • read, write and interpret mathematical statements involving addition (+), subtraction (–) and equals (=) signs • solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems	Number Facts Mental Calculation Partition Repeated Addition Repeated Subtraction Sign Symbol Unit
	Addition and subtraction within 20 (Augmentatio n and reduction) (Autumn)	represent and use number bonds and related subtraction facts within 20 • add and subtract one-digit and two-digit numbers to 20, including zero • read, write and interpret mathematical statements involving addition (+), subtraction (–) and equals (=) signs • solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as $7 = o – 9$ • estimate to check answers	
	Exploring calculation strategies within 20 (Spring)	represent and use number bonds and related subtraction facts within 20 • add and subtract one-digit and two-digit numbers to 20, including zero • read, write and interpret mathematical statements involving addition (+), subtraction (–) and equals (=) signs • solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as $7 = o – 9$	
	Addition and subtraction within 20 (Comparison and difference) (Spring)	represent and use number bonds and related subtraction facts within 20 • add and subtract one-digit and two-digit numbers to 20, including zero • add and subtract numbers using concrete objects, pictorial representations, and mentally, including: a two-digit number and ones; adding three one-digit numbers (Y2) • read, write and interpret mathematical statements involving addition (+), subtraction (–) and equals (=) signs	

| | Addition and subtraction (Applying strategies and structures) (Summer) | • solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as 7 = o − 9
• estimate to check answers

represent and use number bonds and related subtraction facts within 20 • add and subtract one-digit and two-digit numbers, including zero
• 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 (Y2)
• read, write and interpret mathematical statements involving addition (+), subtraction (−) and equals (=) signs
• solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as 7 = o − 9
• estimate to check answers | |

Year 2	Addition and subtraction of 2-digit numbers (Autumn)	• 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 • 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	Calculate Commutative Efficient Inverse Operation Near Double Operation Relationship
	Addition and subtraction word problems (Autumn)	• recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems • 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	
	Addition and subtraction of 2-digit numbers (regrouping and adjusting) (Spring)	• 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 • 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 • 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	
	Exploring calculation strategies (Summer)	• 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 • add and subtract numbers mentally, including: a two-digit number and ones; a two-digit number and tens; adding three one-digit numbers • add and subtract numbers with up to two digits, using written methods	

Year 3	Addition and subtraction (Autumn)	• 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 • estimate the answer to a calculation and use inverse operations to check answers • solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction	Column Addition Column Subtraction Formal Written Methods
Year 4	Addition and subtraction (Autumn)	• add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate • estimate and use inverse operations to check answers to a calculation • solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why	Negative Number Positive Number
Year 5	Problem solving with integer addition and subtraction (Autumn)	•add and subtract numbers mentally with increasingly large numbers • add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction) • use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy • solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why	Negative Integer Positive Integer
Year 6		Addition and subtraction covered through number and place value unit – through multistep problems and recap of formal methods.	Brackets BODMAS Order Of Operations