Maths Objectives – Addition and Subtraction

Key Stage	Objective	Child Speak Target
KS 1 Y1	Read and write numbers from 1 to 20 in numerals and words.	I read and write numbers from 1 to 20 in numbers and words.
KS 1 Y1	Read, write and interpret mathematical statements involving addition (+), subtraction (-) and equals (=) signs.	I know and can use the maths symbols + - and = in a number sentence.
KS 1 Y1	Represent and use number bonds and related subtraction facts within 20.	I know my number bond facts to 20 - such as 1+5 = 6 and 5 = 6 - 1.
KS 1 Y1	Add and subtract one-digit and two-digit numbers to 20, including zero.	I add and subtract numbers up to 20 - such as 5+5 or 12-8.
KS 1 Y1	Solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as 7 = ? - 9.	I can solve some number problems such as 7 = ? - 9.
KS 1 Y2	Using concrete objects and pictorial representations, including those involving numbers, quantities and measures.	I answer addition and subtraction maths problems using objects to help me work it out.
KS 1 Y2	Applying their increasing knowledge of mental and written methods.	I can solve addition and subtraction problems and work out how I answer it on paper or show you how I did it in my head by explaining step by step.
KS 1 Y2	Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100.	I answer problems with addition and subtraction using my number facts to 20 and other number facts up to 100.
KS 1 Y2	Add and subtract numbers using concrete objects, pictorial representations, and mentally, including a two-digit number and ones.	I can add and subtract numbers such as 34 - 8 or 52 + 5 using objects or pictures to help.
KS 1 Y2	Add and subtract numbers using concrete objects, pictorial representations, and mentally, including a two-digit number and tens.	I add and subtract two-digit numbers using objects to help me.
KS 1 Y2	Add and subtract numbers using concrete objects, pictorial representations, and mentally, including two two-digit numbers.	I can add or subtract numbers such as 42 - 22 or 56 + 29 using objects or pictures to help me.
KS 1 Y2	Add and subtract numbers using concrete objects, pictorial representations, and mentally, including adding three one-digit numbers.	I can add or subtract three numbers such as 2 + 5 + 9.
KS 1 Y2	Show that addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot.	I know that adding to numbers together can be done in any order but subtracting numbers can only be done in one order.
KS 1 Y2	Recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems.	I can check my answers or solve missing number problems by doing an inverse check.
KS 2 Y3	Add and subtract numbers mentally, including three-digit number and ones.	I can add and subtract numbers in my head, including questions such as 432 - 7.
KS 2 Y3	Add and subtract numbers mentally, including three-digit number and tens.	I can add and subtract numbers in my head, including questions such as 432 - 70.
KS 2 Y3	Add and subtract numbers mentally, including three-digit number and hundreds.	I can add and subtract numbers in my head, including questions such as 432 - 300.
KS 2 Y3	Add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction.	I can use written methods to add or subtract two three-digit numbers.
KS 2 Y3	Estimate the answer to a calculation and use inverse operations to check answers.	I can estimate the answer to a question before I work it out and then use inverse operations to check the answer when I have finished.
KS 2 Y3	Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction.	I solve problems such as missing numbers (for example, 452 - ? = 122) using my knowledge of number facts and methods of addition and subtraction.
KS 2 Y4	Add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate.	I can add and subtract numbers with up to 4 digits using written methods (for example, using column addition and subtraction).
KS 2 Y4	Estimate and use inverse operations to check answers to a calculation.	I can estimate an answer and check my answer using inverse operations.
KS 2 Y4	Solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why.	I can solve longer addition and subtraction problems and explain all the steps I took and why I worked things out as I did.

Key Stage	Objective	Child Speak Target
KS 2 Y5	Add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction).	*I can add and subtract whole numbers with more than 4 digits using written methods such as column addition and subtraction.*
KS 2 Y5	Add and subtract numbers mentally with increasingly large numbers.	*I can add and subtract larger numbers in my head.*
KS 2 Y5	Use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy.	*I round numbers to check the accuracy of my solution.*
KS 2 Y5	Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why.	*I can solve addition and subtraction multi-step problems, deciding which operations and methods to use and why.*