

Progression Document: Addition and Subtraction

Year 1	[KEY] I know my number bond facts to 20 - such as 1+5 = 6 and 5 = 6 - 1.		I add and subtract numbers up to 20 - such as 5+5 or 12-8.		I can solve some number problems such as 7 = ? - 9.		I know and can use the maths symbols + - and = in a number sentence.		I can find numbers on a number line when I am solving problems with questions using equal to, more than, less than, most and least.	
Year 2	[KEY] I solve problems using number facts such as 18+2=20 and what I know about the value of digits in a number.	[KEY] I answer problems with addition and subtraction using my number facts to 20 and other number facts up to 100.	I know that adding to numbers together can be done in any order but subtracting numbers can only be done in one order.	I add and subtract two-digit numbers using objects to help me.	I can add or subtract three numbers such as 2 + 5 + 9.	[KEY] 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.	[KEY] I answer addition and subtraction maths problems using objects to help me work it out.	I can add or subtract numbers such as 42 - 22 or 56 + 29 using objects or pictures to help me	I can add and subtract numbers such as 34 - 8 or 52 + 5 using objects or pictures to help.	I can check my answers or solve missing number problems by doing an inverse check.
Year 3	[KEY] I can add and subtract numbers in my head, including questions such as 432 - 7.	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.	[KEY] I can add and subtract numbers in my head, including questions such as 432 - 70.	[KEY] I can add and subtract numbers in my head, including questions such as 432 - 300.	I can use written methods to add or subtract two three-digit numbers.	I solve problems such as missing numbers (for example, 452 - ? = 122) using my knowledge of number facts and methods of addition and subtraction.	I can add and subtract numbers with up to 4 digits using written methods (for example, using column addition and subtraction).	[KEY] I can solve longer addition and subtraction problems and explain all the steps I took and why I worked things out as I did.		
Year 4	I can add and subtract numbers with up to 4 digits using written methods (for example, using column addition and subtraction).			[KEY] 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] I can solve measure and money problems involving fractions and decimals to two decimal places.			
Year 5	[KEY] I can add and subtract larger numbers in my head.		[KEY] I can add and subtract whole numbers with more than 4 digits using written methods such as column addition and subtraction.		I can solve addition and subtraction multi-step problems, deciding which operations and methods to use and why.			I can solve more difficult problems involving addition, subtraction, multiplication and division and a combination of these.		
Year 6	[KEY] I always estimate my answer before I begin calculating - this helps me to check at the end to make sure I am correct.		I can solve number and practical problems that involve large numbers, rounding and negative numbers.		[KEY] I understand and use negative numbers in my work, for example - working out how much is between -7 and +8.		[KEY] I can solve addition and subtraction multi-step problems, deciding where to add or subtract.		I know that addition, subtraction, multiplication and division should be carried out in a specific order when looking at problems.	