Addition KS1

EYFS	 Reception: ELG 2021 Have an understanding of number to 10, linking names of numbers, numerals, their value, and their position in the counting order. Subitise (recognise quantities without counting) up to 5. Automatically recall number bonds for numbers 0-5 and <i>for 10</i>, including corresponding partitioning facts. Automatically recall double facts up 5+5 Compare sets of objects up to 10 in different contexts, considering size and difference. Explore patterns of numbers within numbers up to 10, including evens and odds. 							
Year	1			2				
Layers of vocabulary Appendix 1a Beck's Tiers of Vocabulary Appendix 1b: Vocabulary book	 Basic to subject specific (Beck's Tiers): +, add, more plus make, sum, total altogether score double, near double one more, two more ten more how many more to make? how many more is than? how much more is? Instructional vocabulary: start from, start with, start at look at point, to show me NFER Arithmetic 			 Basic to subject specific (Beck's Tiers): +, add, addition, more, plus make, sum, total altogether score double, near double one more, two more ten more one hundred more how many more to make? how many more is than? how much more is? Instructional vocabulary: tell me, describe, name, pick out, discuss, talk about, explain, explain your method, explain how you got your answer, give an example of show how you NFER Arithmetic 				
NC 2014	Read, write and interpret mathematical statements involving addition (+),			Using concrete objects and pictorial representations, including those				
	subtraction (-) and equals (=) signs.			involving numbers, quantities and measures applying their increasing				
	Concrete, pictorial, abstract			knowledge of mental and written methods				
				Concrete, pictorial, abstract				
Developing Conceptual/ Procedural Understanding	Number bonds Ten Frames 2 + = 10 $10 - = 35 + = 10$ $10 - = 910 - 0 = 1$	Recognise small quantities (8) Count on Count on Count on, on number track in 1s.	Whole-part model	Base 10	Whole-part model	Partition and recombine Record partitioned steps in number sentences then add mentally. 40+20=60 6+7 =13 60+13=73 Moving on to: 46 + 27 = 60 + 13 = 73		



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Ten plus ones.	Use number bonds of 10 to derive bonds of 11	Add 10 and multiples of 10.	Number bonds: 18 and 19
Doubles up to 10.		Doubles up to 20 and multiples of 5.	Partition and recombine.
		Add near multiples of 10.	