

Multiplication KS2

EYFS	Reception: ELG 2018 Numbers to 20: place them in order and say which number is one more or one less than a given number Using quantities and objects, they add and subtract two single-digit numbers and count on or back to find the answer They solve problems, including doubling, halving and sharing. Exceeding: Estimation and checking quantities by counting up to 20 Combining groups of 2, 5 or 10 or sharing into equal groups			
Year	Basic to subject specific (Beck's Tiers): count in ones, twos tens array, groups of, equal groups odd, even Instructional vocabulary: carry on, continue repeat what comes next? find, choose, collect use, make, build tell me, describe, pick out, talk about, explain, show me, read, write, record		Basic to subject specific (Beck's Tiers): lots of, groups of ×, times, multiply, multiplied by multiple of once, twice, three times ten times times as (big, long, wide and so on) repeated addition array row, column double, halve share, share equally Instructional vocabulary: carry on, continue, repeat, what comes next? predict describe the pattern describe the rule find, find all, find different, investigate	
Appendix 1a Beck's Tiers of Vocabulary Appendix 1b: Vocabulary book				
NC 2014 Developing Conceptual/ Procedural Understanding	Solve one-step problems involvin calculating the answer using conditions and arrays with the Concrete, pictorial, abstract Grouping	rete objects, pictorial	Calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (x), division (÷) and (=) signs. Concrete, pictorial, abstract Repeated addition Introduce the x symbol once repeated addition is Commutativity 2×5 = 10	d equals



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