Progression in written multiplication methods					
KS1					
Reception	Year 1	Year 2			
Children will be introduced to multiplication practically. There are 3 equal groups with 4 in each group.4 + 4 + 4 Children are encouraged to think of equal groups in real life situations.	Children will begin to understand multiplication as repeated addition. 3x4 4+4+4	Children will continue to use arrays, representing pictorially and using the arrays to create a range of calculations. 000000000000000000000000000000000000			

A jotting of hands as doul	h plate.	5 5 lots of 2		
Progression in written multiplication methods				
KS2				
Year 3	Year 4	Year 5	Year 6	
Children will be introduced to multiplying 2 and 3 digit numbers by a single number initially using the grid method with place value counters to support.	Children will multiply up to 4 digit numbers by 1 digit using 'short multiplication' method.	Children will reconsolidate and refine the short multiplication method, progressing to calculations of up to 5 digits, including decimals.	Children will be introduced to 'long multiplication' $\begin{array}{c} 2 & 3 & 6 \\ \times & 2 & 6 \\ 1 & 4 & 1 & 6 \\ \hline 4 & 7 & 2 & 0 \\ \hline 6 & 1 & 3 & 6 \end{array}$	

