

Year Four	Year Five	Year 6
Continue with a range of equations as in Year 2 but with appropriate numbers. Also include equations with missing digits $\Box 2 \times 5 = 160$ <u>Mental methods</u> Counting in multiples of 6, 7, 9, 25 and 1000, and steps of 1/100. Solving practical problems where children need to scale up. Relate to known number facts. (e.g. how tall would a 25cm sunflower be if it grew 6 times taller?)	Continue with a range of equations as in Year 2 but with appropriate numbers. Also include equations with missing digits <u>Mental methods</u> X by 10, 100, 1000 using moving digits ITP Use practical resources and jottings to explore equivalent statements (e.g. 4 x 35 = 2 x 2 x 35) Recall of prime numbers up 19 and identify prime numbers up to 100 (with reasoning) Solving practical problems where children need to scale	Continue with a range of equations as in Year 2 but with appropriate numbers. Also include equations with missing digits <u>Mental methods</u> Identifying common factors and multiples of given numbers Solving practical problems where children need to scale up. Relate to known number facts. <u>Written methods</u> Continue to refine and deepen understanding of
Written methods (progressing to 3d x 2d) Children to embed and deepen their understanding of the grid method to multiply up 2d x 2d. Ensure this is still linked back to their understanding of arrays and place value counters.	up. Relate to known number facts. Identify factor pairs for numbers <u>Written methods (progressing to 4d x 2d)</u> Long multiplication using place value counters Children to explore how the grid method supports an understanding of long multiplication (for 2d x 2d) 10 10 10 10 10 10 10 10 10 10	x   1000   300   40   2     10   10000   3000   400   20     8   8000   2400   320   16
10 8   10 100   3 30	3 30 24 2 3 4	x 18 13420 10736 24156