



Whole School Multiplication and Division Fact Teaching Progression



	Year 1	Year 2 (x2, 5, 10)	Year 3 (x3, 4, 8)	Year 4 (Up to 12x12)	Year 5 (Up to 12x12 and related facts)	Year 6 (Up to 12x12 and related facts)
Autumn 1	Count in 2's up to 24	Consolidate counting in steps of 2, 5 and 10 in order from 0 up to 12x.	Count in multiples of 3 to 12x3 in order from 0 fluently.	Recall multiples of 3,4 and 8 up to 12x in any order and related division facts. Count in 6's in order up to 12x6, using multiples of 3 to support.	Recall multiples of 12 in any order and related division facts.	Recall multiples of all times tables up to 12x12 and related division facts. Recall related multiplication facts (decimals up to 1dp e.g. $0.3 \times 5 = 1.5$)
Autumn 2	Count in multiples of 10 in order up to 120.	Count in steps of 2 and 5 from 0 up to 12x fluently. Multiples of 10 up to 12x10 in any order	Recall multiples of 3 up to 12x3 in any order, and related division facts. Count in multiples of 4 to 12x4 in order from 0 Begin to count in multiples of 8 from 0 to 12x8.	Recall multiples of 6 in any order and related division facts Count in 7's in order up to 12x7.	Recall multiples of all times tables up to 12x12 in any order, including missing numbers and related division facts with growing fluency	Recall multiples of all times tables up to 12x12 and related division facts. Recall related division facts (decimals up to 1dp e.g. $1.5 \div 3 = 0.5$)
Spring 1	Counting in multiples of 5 up to 60	Recall multiples of 2 up to 12x2 in any order, and related division facts. Recall multiples of 10 up to 12x10 fluently	Recall multiples of 3 up to 12x3 in any order, and related division facts. Count in multiples of 4 to 12x4 in order from 0. Count in multiples of 8 to 12x8 in order from 0.	Recall multiples of 6 in any order and related division facts. Recall multiples of 7 in any order and related division facts.	Recall multiples of all times tables up to 12x12 in any order, including missing numbers and related division facts fluently.	Recall multiples of all times tables up to 12x12 and related division facts and square numbers.

Based on Third Space Learning Multiplication and Division Teaching Progression. Where multiplication facts are to be recalled, this also includes facts with missing numbers within the calculation. For further information, read the Third Space Learning Times Tables Progression Document:

<https://mathshub.thirdspacelearning.com/resources/108/Times-Tables-Termly-Planner>



Whole School Multiplication and Division Fact Teaching Progression



Spring 2	Counting in 2's and 10's.	Recall multiples of 5 up to 12x5 in any order and related division facts. Recall multiples of 2 up to 12x2 in any order, and related division facts.	Recall multiples of 4 up to 12x4 in any order, and related division facts. Count in multiples of 8 to 12x8 in order from 0.	Recall multiples of 7 in any order and related division facts. Count in 9's in order up to 12x9. Count in 11's in order up to 12x11.	Recall multiples of all times tables up to 12x12 and related division facts. Recall multiplication of related facts (multiples of 10) e.g. $3 \times 8 = 24$; $30 \times 8 = 240$	Recall multiples of all times tables up to 12x12 and related division facts and square roots.
Summer 1	Count in multiples of 10, 2 and 5	Count in multiples of 3 to 12x3 in order from 0. Recall multiples of 2 up to 12x2 in any order, and related division facts fluently. Recall multiples of 5 up to 12x5 in any order, and related division facts with growing fluency.	Recall multiples of 4 up to 12x4 in any order, and related division facts. Recall multiples of 8 up to 12x8 in any order and related division facts.	Recall multiples of 9 in any order and related division facts Recall multiples of 11 in any order and related division facts. Fluently count in 12's in order up to 12x12.	Recall multiples of all times tables up to 12x12 and related division facts. Recall division of related facts (multiples of 10) e.g. $24 \div 8 = 3$; $240 \div 8 = 30$	Recall multiples of all times tables up to 12x12 and related division facts.
Summer 2	Count in multiples of 10, 2 and 5	Count in multiples of 3 to 12x3 in order from 0 Recall multiples of 5 up to 12x5 in any order, related division facts fluently.	Recall multiples of 8 up to 12x8 in any order and related division facts.	Recall multiples of 9 in any order and related division facts. Recall multiples of 12 in any order and related division facts.	Recall multiples of all times tables up to 12x12 and related division facts. Recall multiplication and division of related facts including missing numbers (e.g. $240 \div \square = 30$; $\square \times 5 = 1500$)	Recall multiples of all times tables up to 12x12 and related division facts.

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