



Mersea Island School Multiplication Tables

Long Term Plan

Year 1

Autumn 1 Autumn 2	Count in 2's up to 24, linking with even numbers and supporting doubles. Count in multiples of 10 in order up to 120.
Spring 1 Spring 2	Focus on counting in multiples of 5 up to 60, linking with knowledge of counting in 10s. Continue to develop fluency of counting in 2's and 10's.
Summer 1	Count in multiples of 10, 2 and 5 in order with growing fluency.
Summer 2	Count in multiples of 10, 2 and 5 in order fluently.

Teaching methodologies

Count pairs of objects

Count straws bundled in tens

Sing counting songs

Hundred square

Number lines

Pictorial representations on display

Rolling Numbers





Year 2

Autumn 1	Consolidate counting in steps of 2, 5 and 10 in order from 0 up to 12x.
Autumn 2	Fluently count in steps of 2 and 5 up to 12x from 0. Recall multiples of 10 up to 12x10 in any order, including missing numbers and related division facts with growing fluency.
Spring 1	Recall multiples of 2 up to 12x2 in any order, including missing numbers and related division facts. Recall multiples of 10 up to 12x10 fluently.
Spring 2	Recall multiples of 5 up to 12x5 in any order, including missing numbers and related division facts. Recall multiples of 2 up to 12x2 in any order, including missing numbers and related division facts with growing fluency.
Summer 1	Fluently count in multiples of 3 to 12x3 in order from 0. Recall multiples of 2 up to 12x2 in any order, including missing numbers and related division facts fluently. Recall multiples of 5 up to 12x5 in any order, including missing numbers and related division facts with growing fluency.
Summer 2	Fluently count in multiples of 3 to 12x3 in order from 0 with growing fluency. Recall multiples of 5 up to 12x5 in any order, including missing numbers and related division facts fluently.

Teaching methodologies:

Counting objects in groups of 2, 5, 10 & 3

Sing counting songs

Hundred square

Number lines

Array with concrete resources

Pictorial representations on display

Rolling Number





Year 3

Autumn 1	Count in multiples of 3 to 12×3 in order from 0 fluently.
Autumn 2	Recall multiples of 3 up to 12×3 in any order, including missing numbers and related division facts with growing fluency. Fluently count in multiples of 4 to 12×4 in order from 0. Introduce (relating to $\times 4$) and begin to count in multiples of 8 from 0 to 12×8.
Spring 1	Fluently count in multiples of 4 to 12×4 in order from 0. Fluently count in multiples of 8 to 12×8 in order from 0.
Spring 2	Recall multiples of 4 up to 12×4 in any order, including missing numbers and related division facts with growing fluency. Fluently count in multiples of 8 in order up to 12×8 from 0. Fluently count in multiples of 11 in order up to 12×11 from 0.
Summer 1	Recall multiples of 4 up to 12×4 in any order, including missing numbers and related division facts fluently. Recall multiples of 8 up to 12×8 in any order, including missing numbers and related division facts with growing fluency. Recall multiples of 11 up to 12×11 in any order, including missing numbers and related division facts fluently.
Summer 2	Recall multiples of 8 up to 12×8 in any order, including missing numbers and related division facts fluently. Recall multiples of 11 up to 12×11 in any order, including missing numbers and related division facts fluently.

Teaching methodologies:

Counting objects in groups of 4, 8, 11

Hundred square

Number lines

Array with concrete resources





Pictorial representations on display
Rolling Numbers

Year 4 - Multiplication Tables Check (MTC) June

Autumn 1	Recall multiples of 3, 4 and 8 up to 12x in any order, including missing numbers and related division facts fluently. Fluently count in 6's in order up to 12x6, using multiples of 3 to support.
Autumn 2	Recall multiples of 6 in any order, including missing numbers and related division facts with growing fluency. Fluently count in 7's in order up to 12x7.
Spring 1	Recall multiples of 6 in any order, including missing numbers and related division facts fluently. Recall multiples of 7 in any order, including missing numbers and related division facts with growing fluency.
Spring 2	Fluently count in 9's in order up to 12x9. Fluently count in 12's in order up to 12x12 (using 10x and adjusting by adding 2 more groups). Begin familiarisation with MTC format
Summer 1	Recall multiples of 9 in any order, (using 10x and adjusting by 1 group to find 9x as a strategy) Fluently count in 12's in order up to 12x12 (using 10x and adjusting by adding 2 more groups). Continue familiarisation with MTC <u>RESERVE ICT SUITE/IPADS FOR 3 WEEK TESTING WINDOW</u>
Summer 2	Recall multiples of 9 in any order, including missing numbers and related division facts fluently. Recall multiples of 7 in any order, including missing numbers and related division facts fluently.





	Recall multiples of 12 in any order, including missing numbers and related division facts with growing fluency (using 10x and adjusting by adding 2 more groups).
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Teaching methodologies

Hundred square

Number lines

Pictorial representations on display. Rolling numbers





Year 5

The National Curriculum expectation is that by the end of Year 4, children are able to recall all 12 tables up to 12x12.

To secure this, the first term of Year 5 is to be used to consolidate by continuing your practice.

If you find that your children are working below the structure outlined above, track back to where your children are.

Autumn Term	Recall multiples of 12 in any order, including missing numbers and related division facts fluently. Recall multiples of all times tables up to 12x12 in any order, including missing numbers and related division facts with growing fluency.
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Teaching methodologies

Pictorial representations on display

Rolling Number





Online resources

Online resource name	URL	Year 1	Year 2	Year 3	Year 4	Year 4
Sumdog	bit.ly/Sum_Dog		X	X	X	X
Hit the Button	bit.ly/Hit_The_Button		X	X	X	X
Maths Splat App	bit.ly/Maths_Splat_App		X	X	X	X

