

Multiplication Tables at Newport CE Junior School

By the end of Key Stage 1 (Year 2) we work on the assumption that children will have been taught their multiplication tables to include 2s, 3s, 5s and 10s.

During their time in Year 3 children will revisit the tables associated with end of Key Stage 1 expectations to ensure learning is suitably embedded. Children will also be taught to fluently recall and develop automaticity in their multiplication tables to include 4s and 8s.

Upon entering Year 4, children will revisit multiplication tables taught in Year 2 and Year 3 to check for embedded learning and fluent recall. They will then encounter the new multiplication tables to include 6s, 7s, 9s, 11s and 12s.

It is our expectation, that by the end of Year 4, all children will be fluent in their recall and application of all multiplication tables up to and including 12 x 12.

A break down of when each multiplication table is taught according to the National Curriculum is outlined below.

2x	3x	4x	5x	6x	7x	8x	9x	10x	11x	12x
Year 2	Year 2	Year 3	Year 2	Year 4	Year 4	Year 3	Year 4	Year 2	Year 4	Year 4

We understand that not all children will achieve the maximum 25 marks on their Year 4 MTC. In order to ensure that these children continue to develop automaticity with all multiplication tables as set out on the national curriculum, we have baseline assessments in place upon entering Year 5. These children will become a priority focus for multiplication interventions and timely assessment of multiplication table fluency.

Our approach for developing fluency in the application of multiplication tables is predominantly through the use of Times Table Rock Stars. All staff have received internal CPD on how to effectively use this platform to measure and track the progress of our children. This platform allows for staff to set tables appropriate to the need of the children and provides up to date information on the fluency of each multiplication question from 1 x 1 through to 12 x 12 through the heat map function.

Fluent recall of multiplication tables is further developed through curriculum lesson planning (as outlined on Year 3 and Year 4 Maths overview) and regular formative assessment in class. Children are expected to continually develop and improve their fluent recall of multiplication tables throughout their time at school, including in Year 5 and Year 6 where their multiplication tables play an integral role in supporting effective fluency, and problem solving.