

# Number Fluency and Times Tables: The RAB Way



At R A Butler, we believe it is vital that children are fluent with multiplication facts to help them solve mathematical problems accurately and confidently. The primary national curriculum specifies that children should recall times table facts up to 12 x 12 by the end of Year 4.

In the summer term (June) of Year 4, schools are required to administer an online multiplication table check (MTC) to assess whether this has been met. Children in Year 5 and 6 will be exposed to consolidation and further depth as these number facts underpin a huge amount of the upper KS2 curriculum.

### **Daily Fluency Sessions**

In addition to maths lessons, children in Year 2-6 are exposed to daily practice and recall of multiplication facts. To practice their tables, they are expected to use our online platform, Times Table Rockstars. This program has been developed over many years and has built-in algorithms which ensure children are practising the exact multiplication fact they need to learn to become fluent.

### **Go for Gold**

With this in mind, we have organised the learning of multiplication facts by grouping them into coloured bands, like reading book bands used across the school. Children are encouraged to 'Go For Gold'!

By using coloured bands, we can clearly identify:

1. Where children are in relation to expected year group attainment
2. Individual progress
3. The end goal!

The coloured bands are used across Year 2-6, where children practice specific multiplication facts each day. To progress to the next, children are required to complete a three minute challenge which contains 40 questions. Each challenge focuses on a given times table or several times tables.

The table below shows expected attainment for each year group:

Red	Yellow	Blue	Green	Orange	Turquoise	Purple	Bronze	Silver	Gold
10x	10x 5x	10x 5x 2x	10x 5x 2x 3x	10x 5x 2x 3x 4x	10x 5x 2x 3x 4x 8x	10x 5x 2x 3x 4x 8x 6x	10x 5x 2x 3x 4x 8x 6x 11x 9x	10x 5x 2x 3x 4x 8x 6x 11x 9x 7x	10x 5x 2x 3x 4x 8x 6x 11x 9x 7x 12x

## Mastering Number

### Fluency and Times Tables Overview

<b>EYFS</b>	<b>Year 1</b>	<b>Year 2</b>	<b>Year 3</b>	<b>Year 4</b>	<b>Year 5</b>	<b>Year 6</b>
Daily Mastering Number (NCETM)	Daily Number Sense Fluency	Daily Number Sense Fluency 10x 2x 5x	3x 4x 8x + Consolidation of Year 2	6x 7x 9x + 21 more facts for MTC	Mixed practice up to 12 x 12 and related facts	Mixed practice up to 12 x 12 and related facts