



Times Table Challenges

The National Curriculum expectation for Primary Schools across the UK is that, by the end of Year 4, pupils are capable of recalling all 12 times tables up to 12×12 . Our times table challenge helps children achieve this. Challenges are targeted at different year groups. By the end of that year children should have achieved either their bronze, silver or gold certificate.

Challenge information:

- The 3 different versions need to be completed within the time, for children to achieve their challenge.

When children achieve their medal. They move on to extra versions presenting in different ways to deepen their understanding and to improve their time.

Bronze	Silver	Gold
Year 2	Year 3	Year 4
• 33 Questions to be completed in 3 minutes. • Questions linked to the 2x, 5x and 10 x table. (Multiplication Facts)	• 66 Questions to be completed in 5 minutes. • Questions linked to the 2x, 3x, 4x, 5x, 8x and 10 x table.	• 99 Questions to be completed in 8 minutes. • Questions linked to tables up to 12×12

Teaching Sequence:

Key Stage 1			Year 3			Year 4					Year 5 and 6
2x	5x	10x	4x	8 x	3 x	6x	7 x	9 x	11x	12x	Continue to build fluency, and linked facts, including Powers of 10 (e.g. 30×40) and decimals in Year 6 (e.g. 0.3×3)
			(linked to 2 x)	(linked to 2x and 4 x)	(linked to 2x)	(linked to 3 x)	(linked to 6 x)	(linked to 10 x)	(linked to 10 x)	(linked to 10 x and 2 x)	

KEY STAGE ONE:

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

YEAR 2	
Autumn 1 st Half	Consolidate counting in steps of 2, 5 and 10 in order from 0 up to 12 x.
Autumn 2 nd Half	- Count in steps of 2 and 5 from 0 up to 12 x fluently. - Recall multiples of 10 up to 12 x 10 in any order, including missing numbers and related division facts with growing fluency.
Spring 1 st Half	- Recall multiples of 2 up to 12 x 2 in any order, including missing numbers and related division facts. - Recall multiples of 10 up to 12 x 10 fluently.
Spring 2 nd Half	- Recall multiples of 5 up to 12 x 5 in any order, including missing numbers and related division facts. - Recall multiples of 2 up to 12 x 2 in any order, including missing numbers and related division facts with growing fluency.
Summer	- Count in multiples of 10 to 12 x 10 in order from 0. - Recall multiples of 2 up to 12 x 2 in any order, including missing numbers and related division facts fluently. - Recall multiples of 5 up to 12 x 5 in any order, including missing numbers and related division facts with growing fluency.

KEY STAGE TWO:

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

YEAR 4	
Autumn 1st Half	- Recall multiples of 3, 4 and 8 up to $12 \times$ in any order, including missing numbers and related division facts fluently. - Fluently count in 6s in order up to 12×6, using multiples of 3 to support.
Autumn 2nd Half	- Recall multiples of 6 in any order, including missing numbers and related division facts with growing fluency. - Fluently count in 7s in order up to 12×7.
Spring 1st Half	- 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 2nd Half	- Recall multiples of 7 in any order, including missing numbers and related division facts fluently. - Fluently count in 9s in order up to 12×9. - Fluently count in 11s in order up to 12×11.
Summer	- Recall multiples of 9 in any order, including missing numbers and related division facts with growing fluency (using $10 \times$ and adjusting by 1 group to find $9 \times$ as a strategy). - Recall multiples of 11 in any order, including missing numbers and related division facts fluently. - Fluently count in 12s in order up to 12×12.
	- Recall multiples of 9 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 $10 \times$ and adjusting by adding 2 more groups).

Continue to consolidate in Upper Key Stage 2, building on deriving facts from known table facts e.g. 0.7×9 , square and cube numbers etc.

Useful Websites:

<https://thirdspacelearning.com/>

<https://www.topmarks.co.uk/maths-games/hit-the-button>

<http://www.maths-games.org/times-tables-games.html>

<https://www.topmarks.co.uk/maths-games/5-7-years/multiplication-and-division>

<http://www.crickweb.co.uk/ks2numeracy-multiplication.html>

<http://www.teachingtables.co.uk/>

<http://www.multiplication.com/games>

<http://www.learnyourtables.co.uk/>