Hollywell Primary School Times Table Plan for Years 1 to 4

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 x 12 including associated division facts. Children must know: 3 x 4 = 12 and 4 x 3 = 12 plus… 12 ÷ 4 = 3 and 12 ÷ 3 = 4. In Year 4, all children will take the Multiplication Tables Check (MTC), an online test where the pupils are asked 25 questions on times tables 2 to 12. For every question they have 6 seconds to answer. The purpose of the MTC is to determine whether pupils can recall their times tables fluently, which is essential for future success in mathematics. This planner has been created to provide teachers with a schema for how to ensure that all pupils are capable of this by Year 4.

There is also a list of online resources as well as teaching methods and techniques for each year group. To secure this knowledge it is recommended that the first term of Year 5 is used to consolidate learning and understanding through continuing practice.

Year 1	
Autumn Term	Count in multiples of 10 in order up to 120. Count in multiples of 2's up to 24, linking with even numbers and supporting doubles.
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 2's and 10's.
Summer 1	Count in multiples of 10, 2 and 5 in order with growing fluency. Counting in multiples of 2s, 5s, 10s using counting stick (introduce 1 x 5 is 5 etc following unit on M and D) Point to different sections of counting stick for children to visualise and ask 'what is 3 5s? what is 2 x 5 etc
Summer 2	Count in multiples of 10, 2 and 5 in order fluently.
Teaching methodologies	• Count pairs of objects • Count straws bundled in ten • Sing counting songs • Hundred square • Number lines • Pictorial representations on display

Year 2	
Autumn 1	Consolidate counting in multiples of 2, 5 and 10 in order from 0 up to 12x2, 12x5, 12x10. Encourage children to use WRM 1-minute maths app practising these times tables.
Autumn 2	Count in multiples of 2 and 5 from 0 up to 12x fluently. 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 Following unit of work on M and D, children to be introduced to Times Table Rock Stars (TTRS) to begin using for 2s 5 and 10s.
Summer 1	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	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 • • Arrays with concrete resources • Pictorial representations on display
The KS1 SATS include questions like 2 x □ = 10 20 ÷ 5 = □ How many wheels on 7 bicycles? □	

Year 3 - TTRS to be used – TTRS display and challenges set	
Autumn 1	Count in multiples of 3 to 12x3 in order from 0 fluently.
Autumn 2	Recall multiples of 3 up to 12x3 in any order, including missing numbers and related division facts with growing fluency. Count in multiples of 4 to 12x4 in order from 0 with growing fluency. Introduce (relating to x4) and begin to count in multiples of 8 from 0 to 12x8.
Spring 1	Recall multiples of 3 up to 12x3 in any order, including missing numbers and related division facts fluently. Count in multiples of 4 to 12x4 in order from 0 with fluently. Count in multiples of 6 up to 12x6 in order from 0 with growing fluency. Count in multiples of 8 to 12x8 in order from 0 with growing fluency
Spring 2	Recall multiples of 4 up to 12x4 in any order, including missing numbers and related division facts with growing fluency. Count in multiples of 8 to 12x8 in order from 0 fluently. Fluently count in 6's in order up to 12x6, using multiples of 3 to support.
Summer 1	Recall multiples of 4 up to 12x4 in any order, including missing numbers and related division facts fluently. Recall multiples of 8 up to 12x8 in any order, including missing numbers and related division facts with growing fluency.
Summer 2	Recall multiples of 3 up to 12x3 in any order, including missing numbers and related division facts fluently. Recall multiples of 4 up to 12x4 in any order, including missing numbers and related division facts fluently. Recall multiples of 6 up to 12x6 in any order, including missing numbers and related division facts fluently. Recall multiples of 8 up to 12x8 in any order, including missing numbers and related division facts fluently.
Teaching methodologies	• Counting objects in groups of 3, 4, 6 & 8 • Hundred square • Number lines • Arrays with concrete resources • Pictorial representations on display
Include games and challenges to develop the children's speed in calculating the answers to times tables and associated division facts, so they become second nature.	

Year 4 - TTRS to be used for daily practice – TTRS display and challenges set	
Autumn 1	Recall multiples of 3,4 6 and 8 up to 12x in any order, including missing numbers and related division facts fluently.
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. Recall multiples of 7 in any order, including missing numbers and related division facts with growing fluency.
Spring 1	Recall multiples of 7 in any order, including missing numbers and related division facts fluently. Fluently count in 9's in order up to 12x9. Fluently count in 11's in order up to 12x11.
Spring 2	Recall multiples of 9 in any order, including missing numbers and related division facts with growing fluency (using 10x and adjusting by 1 group to find 9x as a strategy) Recall multiples of 11 in any order, including missing numbers and related division facts fluently. Fluently count in 12's in order up to 12x12.
Summer 1	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 10x and adjusting by adding 2 more groups).
Summer 2	Multiplication Times Table Check
Teaching methodologies	• Hundred square • Number lines • Pictorial representations on display
Lots of games and app use this year to consolidate learning and develop confidence and accuracy in recall.	

Other websites to practice speed for the MTC

https://www.timestables.co.uk/multiplication-tables-check/

https://mathsframe.co.uk/en/resources/resource/477/Multiplication-Tables-Check

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