Curriculum Progression for Recall of Multiplication Facts at Witton Church Walk Primary School

Intent

At Witton Church Walk we believe that an automatic recall of multiplication tables is essential to relieve cognitive load and enable children to more actively engage in problem solving and reasoning. Focus is also given to understanding commutivity, derivation of other facts using known facts and the inverse operation in order that pupils have a secure base from which to apply recall. We do not merely prioritise recall of facts at pace but also teach children to be flexible, efficient and accurate.

Implementation

At Witton Church Walk we have a dedicated sessions to TEACH tables facts and follow the pathway of

Learn → Rehearse → Recall → Apply → Revisit

Progression

Overview of Expectations	
EYFS	Subitise (recognise quantities without counting) up to 5 *Automatically recall some doubles facts*
Year 1	Subitise numbers up to 10 Recall and use all doubles to 10 and corresponding halves. Count forwards and backwards in multiples of 2, 5 and 10, up to 10 multiples, beginning with any multiple Understand equal and unequal groups
Year 2	Count forwards and backwards in multiples of 2, 5, 10 and 3 Recall multiplication facts for the 10, 5, 2 multiplication tables
Year 3	Recall the 10 and 5 multiplication tables, and corresponding division facts. Recall the 2, **4** and **8** multiplication tables, and corresponding division facts
Year 4	Recall the **3**, **6** and **9** multiplication tables, and corresponding division facts Recall the **7** multiplication table, and corresponding division facts Recall the **11** and **12** multiplication tables, and corresponding division facts.
Year 5	Secure fluency in multiplication table facts, and corresponding division facts, through continued practice
Year 6	Secure and maintain fluency in all multiplication tables, and corresponding division facts, through continued practice and application

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Long Term Plan

	Coverage by Term					
Year Grp	**Autumn 1** **7 weeks**	**Autumn 2** **7 weeks**	**Spring 1** **6 weeks**	**Spring 2** **6 weeks**	**Summer 1** **5 weeks**	**Summer 2** **6 weeks**
Y1	Subitise numbers to 10	Recall and use all doubles and corresponding halves	Count forwards and backwards in 10s	Count forward and backwards in 5s	Count forward and backwards in 2s	Understand equal and unequal groups
Y2	Consolidate counting in steps of 2, 5 and 10 in order from 0 up to 12x	Count in steps 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.	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	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.	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	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.
Y3	Count in multiples of 3 to 12x3 in order from 0 fluently	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	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 8 to 12x8 in order from 0 with growing fluency	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	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	Recall multiples of 8 up to 12x8 in any order, including missing numbers and related division facts fluently.

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Year Grp	Autumn 1 7 weeks	Autumn 2 7 weeks	Spring 1 6 weeks	Spring 2 6 weeks	Summer 1 5 weeks	Summer 2 6 weeks
	Coverage by Term					
Y4	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.	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 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	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	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	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)
Y5	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					
Y6						

NB EYFS will address expectations within provision as applicable to cohort needs