



'Together we unlock potential and learn for life'

Year 4 Multiplication Check



The multiplication check gives the children a series of 25 questions all involving their times table (all multiply not divide). This is an online check and can be completed on an IPad, computer or laptop. For each question children will have 6 seconds to read, work out and type their answer before the next question appears. Currently, there is no pass or fail point, however scores are nationally collected and your child's score will be reported back to you as the parent or guardian.

Why are times tables so important?

Times tables are an important concept as they can help children to understand other mathematical concepts and build confidence in their mental arithmetic. Knowing their times tables can also help your child more readily grasp other important aspects of maths, such as fractions, division and percentages and is an element of learning that assists in life long skills.

"Leaving primary school with a fundamental grasp of basic numeracy is as important as leaving being able to read. And just as the phonics check has helped more children learn to read, this will ensure more pupils know their times tables."

Nick Gibb, schools minister

Children should not only be able to count up and back in their times tables but should be able to recall sums fluently without having to count through their multiples.

What are we doing to prepare the children?

The National curriculum splits the teaching of times tables within different year groups.

- Year 1 – count in 2, 5, 10.
- Year 2 – know and recall the 2, 5 and 10 times tables.
- Year 3 – know and recall the 3, 4 and 8 times tables.
- Year 4 – know and recall all times tables to 12 x 12



In each class, times table trackers are displayed allowing the children to see which times tables they know and encourages them to learn the next table as it is placed in the order in which they are taught. Teachers also track children's times tables to ensure that they are on track throughout the year. Any

children who are struggling to pick up their times tables will be selected for interventions to help them reach age expectancy.

At Moor First, during mental starters, fun and interactive games to build on children's times table knowledge are completed, ensuring that children enjoy and are enthusiastic in learning their times tables. From the summer term of year 2 to year 4 children complete a times table test every week to assess not only their knowledge but also fluency.

Children use 'Hit the button' which helps the children build their speed in answering multiplication questions while having fun in beating their personal best or playing against children in their schools or across the UK in a safe and secure manner. Children are taught patterns and relationships within the times tables and also factor pairs. They use the Mathsframe MTC zone to prepare them for the national MTC test. This allows pupils to select the relevant times tables to be tested on, allows children to extend the time beyond 6 seconds and also shows children the end results for each question. This means that it can be differentiated for all learners and all children have opportunities to show progress. All children use this weekly both in school and at home as part of learning enrichment.

If you would like more information, here is a link for parents to a video about the Multiplication Check <https://www.youtube.com/watch?v=ct5cDctLVTI>