



St. John's Church of England VA Primary School

Times Tables Policy 2024-25

Times Tables are at the heart of mental arithmetic, which in itself helps form the basis of a child's understanding and ability when working with number. Once the children have learnt the times tables and related divisions by heart, they are able to work far more confidently – and efficiently – through a wide range of more advanced calculations. At St John's, we believe that through a variety of interactive, visual, engaging and rote learning techniques, most children can achieve the full times tables knowledge required by the end of Year 4.

Understanding ... and good recall of number facts such as multiplication tables ... are considered to be essential precursors for learning traditional vertical algorithms(methods) for ... multiplication and division. Lack of fluency with multiplication tables is a significant impediment to fluency with multiplication and division. (Ofsted 2011)

Progression

Year Group	
1	Count in multiples of 2, 5 and 10. Recall and use all doubles to 10 and corresponding halves
2	Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers.
3	Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables.
4	Recall and use multiplication and division facts for multiplication tables up to 12x12.
5	Revision, consolidation and application of all times tables and division facts up to 12x12.
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Application of Times Tables in Calculation

Children's growing understanding of times tables are only relevant if they are aware of their application in calculations and real life. In order to do this, children should be using recall of times tables when needed in calculations. This awareness can be created in several ways:

- Highlighting when times tables are being used during modelling
- Discussion of how they are being applied during problem solving
- Inclusion of real-life examples of times table application
- Practicing times tables on a daily basis
- Marking that identifies where errors have been made, due to incorrect calculating

Differentiation

It is expected that children will be at varying stages in their times table journey. In KS1 it is very important that less able children have extra support in developing an understanding of the concept of 'lots of' and 'groups of' before moving on to rote learning of any times tables. If children are confident in the times tables allocated for their year group, they must be moved on to the times tables from the years above. If they have not yet achieved the target tables for their year groups, they must work of the tables for the year group below. Once children are able to recall all their times tables facts, they need to be extended through related number facts and real-life problem solving/problems in context.

Times Tables Rockstars

Times Tables RockStars (TT RockStars) is an educational learning platform which is specifically designed to support children in learning and becoming more fluent in their times tables. There are many different games and modes within this platform for children to practice in different ways. There are also competitive elements where children can play against fellow pupils, the computer or other players from all around the World (within a safe avatar name). This is a useful tool for teachers as we are able to review children's effort and performance, whilst also analysing data to identify any times tables which children are finding difficult. Certificates will be awarded weekly to any children improving their 'Rock Status' when using the 'Studio' version of the game.

Other Useful Websites to learn Times Tables at home

<https://play.ttrockstars.com/ttrs/dashboard>

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

<https://whiterosemaths.com/1-minute-maths>

<https://www.topmarks.co.uk/maths-games/7-11-years/times-tables>

<http://www.percyparker.com/>

<https://www.timestables.co.uk/>

<https://www.arcademics.com/>

<https://www.mathsisfun.com/timestable.html>

DfE Year 4 Multiplication Check

The Department for Education have introduced a statutory multiplication check for all Year 4 pupils in June 2022. The purpose of the check is to determine whether children can fluently recall their times tables up to 12, which is essential for future success in mathematics. It will also help our school to identify who may need additional support. This test will be in school time, and will consist of 25 mixed questions. Pupils will have 6 seconds to answer each question. We will receive a copy of the children's results by the end of the academic year and will report upon this in the Summer term.