



Newhampton Church of England Schools Federation

Times Table Policy

Newtown Church of England Primary School

&

Welshampton Church of England Primary School

Subject Ambassador

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Values and Vision

Growing together in strength, love and wisdom, we shine.

“Let your light shine” Matthew 5:16

‘Let your light shine’ encapsulates the school’s commitment to provide an enriching education which is deep and broad. Pupils will be equipped for life in all its fullness through our Christian values of strength, love and wisdom.

Learning will be a journey of fun and adventure, broadening the horizons of our pupils and inspiring them to be the best they can be. Within a nurturing environment, we will support our pupils to give them the strength to flourish as confident, resilient and independent members of society.

Christian character illuminates all aspects of school life, where everyone is understood and valued. At the heart of our safe and inclusive schools, pupils will be kind, patient and respectful - developing a love of one another, a love of learning and a love of life itself.

The aspirational curriculum will foster curious and creative thinkers, who will be encouraged to maximise every opportunity and be proud of their achievements. Pupils will find joy in seeking knowledge and learning new skills, as they grow together on their journey through childhood.

Our schools are forward-thinking and outward-looking. We will continuously improve and evolve together, in order to inspire pupils who leave our schools feeling excited and ready for the future.

Times Tables Policy

An effective understanding of times tables is the foundation of most of the mathematics pupils will complete at primary school.

They 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 rapid recall of multiplication facts becomes possible, a whole host of mathematical concepts will seem easier. Pupils will be able to work far more confidently, and efficiently, through a wide range of more advanced calculations.

Our approach to the teaching and learning of times tables is underpinned by The 2014 National Curriculum and is a progressive approach, which builds on children's knowledge as they move through the school.

By the end of Year 4, pupils are now required to recall (at speed) all multiplication facts up to 12 x 12 in any order and derive associated division facts.

In 2020, The Department for Education (DfE) introduced an online national test for Year 4 pupils. It is called 'The Multiplication Tables Check' (MTC) and formally assesses multiplication skills. Please find more information about this in the 'The Multiplication Check Guidance' document on our website.

The expectations and teaching structure for each year group are set out below. This structure also allows for fluidity. Pupils who are ready and have a secure knowledge of the times table facts (and related division) and can accurately recall them at speed, may progress on to the next level. This facilitates the goal of being fluent in the 1-12 times tables in time for the multiplication check in Year 4.

From year 2 every child will complete a weekly times tables test. Children are expected to score 100% for two consecutive weeks before moving onto the next times table.

- To be able to recall, the child must be able to recall the times tables and related division facts instantly.
- If the child needs to count on/count up in 7's to reach 4 x 7, they do not know their 7 times table. They are able to count on in 7's.

Year 1	Count in multiples of 2, 5 and 10. Recall and use doubles of all numbers to 10 and corresponding halves
Year 2	Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers
Year 3	Recall and use the multiplication and division facts for the 3, 4, 6, 8 multiplication tables
Year 4	Recall and use multiplication and division facts for multiplication tables up to 12 x 12
Year 5	Recall and use multiplication and division facts for multiplication tables up to 12 x 12
Year 6	Recall and use multiplication and division facts for multiplication tables up to 12 x 12

At Newhampton Federation, we strive to ensure that:

- Times tables are taught/revisited weekly. Research shows that daily practise is the best strategy for pupils to learn these important facts. Short bursts of daily practise are much more effective than spending hours once a week.

- Pupils are continually encouraged to investigate, see, understand and use the many connections between different multiplication tables. By doing this, our pupils demonstrate true fluency and ultimately reduce the amount of 'facts' they need to store.

- A combination of interactive, visual, engaging and rote learning strategies are used to teach times tables. From Year 1 right through to Year 6, our pupils are exposed to different ways in which multiplication is represented.

These include arrays, repeated addition, counting concrete objects, doubling, ten frames, number shapes, multiplication grids, number lines, 100 squares and pictorial representations.

Weekly Test Structure:

Year 2 Weekly Tests - 12 questions (2 minutes)

Year 3 - Weekly Tests - 24 questions (2 minutes)

Year 4 Weekly Tests - 24 questions (2 minutes)

Year 5/6 Weekly Tests – 24 questions (2minutes) or 44 questions (4 minutes)

Each week, the pupils' weekly assessment scores are collected and logged by the class teacher/teaching assistant. This provides a clear picture of the times tables that the pupils are working on each week, and how well they are progressing. Progress is carefully monitored, so that gaps in knowledge are regularly addressed and pupils who require additional intervention are easily identified.

In addition to teacher assessment and the weekly assessments, Newhampton Federation also use online programme; 'Times Tables Rock Stars' to assess children on their times tables. This is a quick, easy and accurate way of collating pupils' knowledge and is used by pupils in Years 2, 3, 4, 5 and 6.

Pupils who are working at a level that does not allow them to access the weekly assessments in a meaningful way receive a differentiated provision.

Home Learning

In Newhampton Federation, pupils are actively encouraged to practise times tables at home on a regular basis. Research says at primary age level, this kind of homework has the greatest impact on a child's overall progress. There are many different ways in which pupils can learn and practise times tables at home, including games, online resources, practising with a family member, chanting, worksheets and listening to times table songs.

As a federation, we have a subscription to 'Times Table Rockstars', which is an online programme that can be accessed from home. It is a carefully sequenced programme of daily times tables practice and has helped to 'improve the speed for hundreds of thousands of pupils in over 14,000 schools worldwide'. Using this programme helps our pupils to engage in a fun way with their learning of the times tables. Pupils can quickly see their own improvements with their speed and accuracy and are rewarded for their efforts.