

Newton Tony Primary School CE VC	
'Love One Another As I Have Loved You' (John 15:12)	
Times Tables Policy	
Policy agreed	September 2024
Policy review	July 2025 (or as required)

Our School Vision

Our school is a safe, welcoming and nurturing school that offers a sense of belonging. We are situated in a small, rural village and we pride ourselves that we know each and every child. Our strength lies in putting the needs of the child at the heart of everything we do. We offer an exciting and stimulating curriculum, with high quality teaching that provides a rich, rewarding and enjoyable learning environment for all. Through a solid partnership working with parents, our church and His Majesty's Armed forces, we encourage children to become confident, caring and independent young learners. We believe that 'Everyone cares and Everyone counts'. In our school our vision is underpinned by the bible verse **'Love One Another As I Have Loved You' (John 15:12)** ; it shapes all we do.

Introduction

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 numbers. Once children have learnt their times tables by heart, they are then able to work far more confidently through a wide range of more advanced calculations. At Newton Tony C of E VC Primary School we believe that through a variety of interactive, visual, engaging and rote learning techniques, most children can achieve the full times table knowledge by the time they enter Year 5.

Aims

- To raise the profile of the teaching of times tables and to raise the overall knowledge of times table facts across the school.
- To explain the expected practices, to ensure children learn their times tables.
- To ensure continuity in practices and progression in times tables.
- To ensure the successful times table teaching and learning.
- To develop our language in maths and replace 'times' with 'lots of'.

	NC Times Table expectation
Year 1	Count in multiples of 2, 5 and 10.
Year 2	To remember and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers.
Year 3	To remember and use multiplication and division facts for the 3, 4 and 8 multiplication tables, including recognising odd and even numbers.
Year 4	To remember and use multiplication and division facts for the 6,7,9,11,12 multiplication tables.
Year 5	Revision of all multiplication and division facts for the multiplication tables up to 12 x 12 .
Year 6	Revision of all multiplication and division facts for the multiplication tables up to 12 x 12 .

Teaching Tables

EYFS	Counting activities through continuous provision. All Children have access to Mathletics for home learning.
Year 1/2	<p>Primary Stars Maths introduces multiplication very early on in Year 2 through differentiated practical activities requiring children to select a multiplication and use equipment to represent it in different ways (showing equal groups, array, repeated addition, counting up in steps and multiplication).</p> <p>Tables are also practised through counting in 2s, 5s 10s in lines when lining up as a whole class. Children also have lots of opportunities throughout the week to revisit their counting and grouping work through enhanced provision activities set up around the classroom.</p> <p>All children have access to Times Table Rockstars (TTRS). All Children have access to Mathletics for home learning.</p>
Year 3/4	<p>Year 3 / 4 uses a systematic, whole class approach to learning the times tables. Using rote learning in which children learn the number facts and a learned sound pattern (this is important). Times tables are visited daily - A two minute times table test, once/twice a day. Each new table introduced is written up in full for the maths working wall. This is on display at all times Initially it will be copied however as the children learn the facts they will rely on it less.</p> <p>All children have access to Times Table Rockstars (TTRS). All Children have access to Mathletics for home learning.</p>
Year 5/6	Year 5 / 6 have tables check-in twice a week using their Mountain Challenge

	<p>Tables Card (40 questions with 5 minutes to complete) - Each checking session allows the children to focus on a particular table or group of tables. This means children work at their own pace without being rushed on, but this also gives the more able children opportunity to progress for greater challenges. Children only remain on the same times table for 4 checking sessions and then automatically move on - this avoids children who are unable to complete the challenge in time from getting stuck and not having the opportunity to progress for more coverage.</p> <p>All children have access to Times Table Rockstars (TTRS). All Children have access to Mathletics for home learning.</p>
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Testing

Children in Years 3 to 6 to be tested on their times tables knowledge twice a term . It is a quick, easy and accurate way of collating children's times tables knowledge, which supports teacher assessment in this area.

Children will answer a total of 100 questions covering a mix of tables up to 12 x 12 ; they have 10 mins to complete the test sheet. If a child is absent for the test, they must take the test upon return. There are a total of 5 levels of difficulty providing challenge for more able pupils. All children start on Paper A at the beginning of the academic year. Children that score 100% on the test are progressed onto the next level when next tested.

Paper A - Multiplication Tables 12 x12.

Paper B - Multiplication and division table 12 x 12.

Paper C- Multiplying multiples of 10

Paper D- Multiplying decimals.

Paper E- Mixed Multiplication including missing values.

A gap analysis of children's results is be by the teacher to inform planning so that gaps in knowledge can be addressed and target children identified. Test results are reported back to the Maths Lead.

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' 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 from 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.

Home Learning

Children need to be sent home times table homework on a regular basis. This can be in the form of times table 'challenges', identifying times table patterns, practising with parents or completing times tables activities on Mathletics or Times Table Rockstars (TTRS).

Times Table Rock Stars is a home learning tool to which all pupils from Year 1 to 6 have access. Teachers can access and set learning tasks for pupils and children are expected to be actively encouraged to access this platform from home regularly.

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.
- Practising times tables on a daily basis.
- Marking that identifies where errors have been made, due to incorrect calculating

Multiplication Tables Check (MTC)

All pupils in Year 4 will take part in the **Multiplication Tables Check** at the end of the year (unless exempt). This test will check children's understanding of the times tables and find out if they are working at the Year 4 Expected Level.

Children will be tested using an on-screen check (on a computer or a tablet), where they will have to answer multiplication questions against the clock. Children will have 6 seconds to answer each question in a series of 25 Questions. This allows pupils the time required to demonstrate their recall of multiplication tables, whilst limiting pupils' ability to work out answers to the questions.

Each question will be worth one mark and be presented to the child in this format:

$_ \times _ = _____$

The test will last no longer than 5 minutes and is similar to other tests already used by the school. It will be automatically scored, and results will be available to schools once the assessment window closes at the end of the week assessment period.

Important dates

Date	Action
Monday 19 April	Schools can access the MTC service via DfE Sign-in.
Monday 7 June to Friday 25 June	MTC administration period for schools participating.
Friday 25 June (no later than 4pm)	Deadline for schools to submit their headteachers declaration (HDF) form.
Monday 28 June	Provisional results (a total score for each pupil) available in the 'View pupil results' section of the MTC service.