



At Knights Enham Schools we provide...  
Inclusive and ambitious learning experiences where our school community feels safe and motivated to achieve their best.  
'Together We Achieve'

## **Times Tables Policy 25-26**

*At Knights Enham Schools, our aim is for our learners to become fluent in their multiplication and division facts. Being 'fluent' means that children are able to rapidly recall their times tables. If children can recall their tables at speed, it eases cognitive load for pupils and allows them to assess other areas of the mathematics curriculum more readily.*

### **National Curriculum Expectations**

The National Curriculum provides statutory guidance for schools which has guided us in developing our times tables system and policy. The aim of the National Curriculum is for pupils to recall all their times tables by the end of year 4. This is broken down as follows:

*Year 2 Expectations Recall multiplication and division facts for the 2, 5 and 10 tables.*

*Year 3 Expectations Recall multiplication and division facts for the 3, 4, 8 and 11 tables.*

*Year 4 Expectations Recall multiplication and division facts for tables up to  $12 \times 12$ .*

Our Times Tables system is rigorous and helps to support children in moving through their times tables at the pace set out by the National Curriculum.

### **How are Times Tables learned?**

Learning times tables begins in the classroom, where children learn about the fundamentals of multiplication and division within Maths lessons. It is vital that children have a secure conceptual understanding of the meaning of a multiplicative calculation, as opposed to just learning by rote. In these lessons, children will explore the times tables relevant to their year group. Children have multiple opportunities each week to explore numbers and the connections within and between times tables, we aim for our children to be able to recall their times tables sometimes as known facts, but others as derived facts (quick mental calculations). Children learn about the commutative law - that  $3 \times 4$  is equal to  $4 \times 3$ . Other key relationships are also explored such as  $8 \times 5$  being double that of  $4 \times 8$ , or that  $7 \times 9$  is seven less than  $7 \times 10$ . We have a strong emphasis on visual representations to support the children's conceptual understanding. We provide many opportunities within Maths lessons and other times during the school day to learn, explore, embed and consolidate times tables knowledge.

### **Times Tables Rock Stars:**

Times Tables Rockstars is an educational learning platform which is specifically designed to support children in learning and becoming more fluent in their times tables. At Knights Enham Schools, TTRS is used to assess children's strengths and areas for improvement using Gigs. This tailors practise activities within the software to support children in committing specific tables to long term memory. Pupils will have the opportunity to use TTRS at school and at home and will compete towards a certificate for their class each week, awarded in Phase Assemblies.

Upon mastering their times tables, pupils will work towards their 'Going Green' award, completing a 'heat map' of 100 questions where all have been answered correctly in 4 seconds or less, providing pupils to improve their accuracy and recall speed of times tables and associated facts.

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### **DfE Year 4 Multiplication Check:**

In 2022, the Department for Education have introduced a statutory multiplication check for all Year 4 pupils which takes place in June of the Summer Term. 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.

. There are many different games and modes within this platform for children to practise 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. Supporting Times Tables at Home Whilst we do have a heavy emphasis on learning times tables at school, this is best supported when children also have opportunities to practise at home too. Times tables is part of our weekly homework and we would encourage pupils to dedicate around 20 minutes a week practising as a rough guide.