

Herne Junior School Times Tables Policy

Aims:

- To achieve a greater level of consistency across the school about how times tables are taught and assessed.
- To stress the importance of having a secure understanding of multiplication and corresponding division facts to ensure that all pupils:
 - Become fluent in the fundamentals of mathematics
 - Are able to reason mathematically
 - Can solve problems by applying their mathematics with increasing sophistication

Introduction:

In order to become fluent in the fundamentals of mathematics, children must have a secure understanding of the multiplication tables and corresponding division facts. The sooner the children learn their tables, the easier maths will become and the more confident they will be in reasoning mathematically with a range of problems.

Herne is a 'stage not age' school where children are challenged depending upon their level of understanding and academic development, rather than their chronological age. This is reflected in Herne's Calculation Policy in which children move onto the next stage of the calculation once they have consolidated and applied their previous learning successfully. In line with the new curriculum, children should progress through the yearly objectives for multiplication for their age group. However, many children at Herne will progress at a faster rate and should be taught the yearly objectives which match their ability. Similarly, some children may require more consolidation before moving onto the next stage of learning.

National expectations for learning multiplication facts:

Year 2	Know their 2, 5 and 10 times table facts
Year 3	By the end of Year 3, the children should become fluent with their timetable facts for the 2, 3, 4, 5, 8 and 10.
Year 4	By the end of Year 4, children should know the multiplication facts up to and including the 12 times tables and show an increasing ability to relate the multiplication facts to the corresponding division facts and vice-versa.

At the end of year 4, Pupils will sit a DfE Year 4 Multiplication Check. 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 in year 5 and 6. 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.

Learning times tables

Every week the children should be given regular opportunities to practise and refine their understanding and recall of the multiplication and division tables. Good practise will encourage the children to focus upon one set of multiplication facts at a time. Regular homework opportunities for the children to practise their times tables knowledge are strongly encouraged, and pupils have times tables booklets to support this. They also have access to Times Tables Rock stars, an APP to help support their recall of multiplication facts.

Assessing times tables

Every year group should complete weekly informal times tables tests, and corresponding division facts tests where appropriate, using TTRS assessment sheets.

Beat the Clock!

At the end of every half term, each child will undertake a 'Beat the Clock' multiplication facts test. There are two types of Beat the Clocks:

- A – Multiplication test up to and including the 12x tables (recommended for LKS2)
- B – Mixed multiplication and division facts test including up to 12x tables (recommended for UKS2)

The children have 10 minutes, working in silence and independently, to complete the Beat the Clock assessment. Children will then be recognised for learning their times tables facts.

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