Teaching of Times Table and related division facts.

Times Tables are at the heart of mental arithmetic, which in itself helps forms the basis of a child's understanding and ability when working with number. Once the children have learnt their times tables by heart, they are then able to work far more confidently and efficiently through a wide range of more advanced calculations. At Newbridge 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
1. To raise the profile of the teaching of times tables and to raise the overall knowledge of times table facts across the school.
2. To explain the expected practices, to ensure children learn their times tables.
3. To ensure continuity in practices and progression in times tables
4. To ensure the successful times table teaching and learning at Newbridge Primary School.

It is important that we approach the teaching and testing of times tables in a similar and progressive format from Year 2 to Year 6.

According to the new National Curriculum 2014 the expectation of times tables in each Year Group is as follows:

Year 2: 2x, 5x, 10x and related division facts

Year 3: 3x, 4x, 8x and related division facts

Year 4: 6x, 7x, 9x, 11x, 12x and related division facts

Year 5: All x and ÷ facts (12x12)

Year 6: All x and ÷ facts (12x12) and related language/symbols e.g. % and square root

We follow a Mountain Profile building up the x tables in a methodical and progressive format, ensuring that facts are retained and revised along the journey.

These facts are assessed through weekly tests, taken in a set time period of 5 minutes. Initially the tests contain 40 questions, extending to 60 questions closer to the summit. Certificates are awarded when children complete each stage on the mountain.

Children will keep their mountain profile and times table tests so that they can track their progress and know what they are working on

When a child has planted the flag, they will try to complete non-negotiable number facts for their Key Stage e.g. dividing by 10, 100 and 1000 or equivalent fractions, decimal and percentages.