

# St Mary's C.E. (A) Primary School, Mucklestone.

## LEARNING TABLES - New National Curriculum, September 2014

### The National Curriculum states that these tables should be learned by these year groups:

**Year 1:** Derive and recall all pairs of numbers with a total of 10 and addition facts for totals to at least 5; work out the corresponding subtraction facts. Count on or back in ones, twos, fives and tens and use this knowledge to derive the multiples of 2, 5 and 10.

**Year 2:** Derive and recall multiplication facts for the 2, 5 and 10 times-tables and the related division facts; recognise multiples of 2, 5 and 10. Represent repeated addition and arrays as multiplication, and sharing and repeated subtraction (grouping) as division.

**Year 3:** Derive and recall multiplication facts for the 2, 3, 4, 5, 8, 10 and times-tables and the corresponding division facts. Understand that division is the inverse of multiplication and vice versa; use this to derive and record related multiplication and division number sentences.

**Year 4:** Derive and recall multiplication facts up to  $12 \times 12$ , the corresponding division facts and multiples of numbers to 10. Understand that division is the inverse of multiplication and vice versa; use this to derive and record related multiplication and division number sentences.

**Year 5:** Recall quickly multiplication facts up to  $12 \times 12$  and use them to multiply pairs of multiples of 10 and 100; Identify pairs of factors of two-digit whole numbers and find common multiples (e.g. for 6 and 9)

**Year 6:** Use knowledge of multiplication facts to derive quickly squares of numbers to  $12 \times 12$  and the corresponding squares of multiples of 10  
Use knowledge of place value and multiplication facts to  $10 \times 10$  to derive related multiplication and division facts involving decimals (e.g.  $0.8 \times 7$ ,  $4.8 \div 6$ )

Websites – [www.topmarks.co.uk/maths-games/hit-the-button](http://www.topmarks.co.uk/maths-games/hit-the-button)  
[www.learn-timestables.co.uk](http://www.learn-timestables.co.uk)

[www.learnyourtables.co.uk](http://www.learnyourtables.co.uk)

[www.mathsisfun.com/numbers/maths-trainer-multiply](http://www.mathsisfun.com/numbers/maths-trainer-multiply)