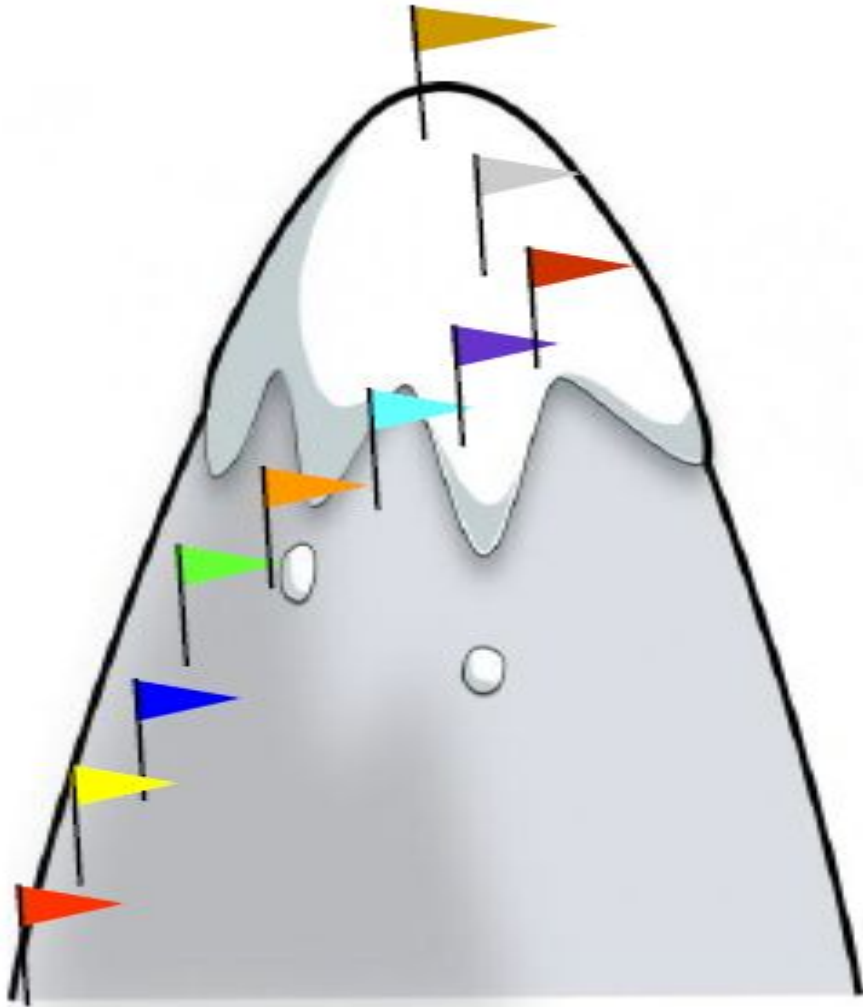# Times Tables

INFORMATION FOR PARENTS

Dear families

As you may know, our government has recently made changes to the National Curriculum. One aspect that has changed is multiplication tables with the multiplication for Year 4s beginning in 2020. The new National Curriculum for maths, which was implemented in September 2014, states that by the end of year 4, all children should be able to: recall multiplication and division facts for multiplication tables up to 12 × 12

It is often difficult to know where children lie on the 'Times table Mountain'; some children know certain tables very well but others not at all; some can recite tables in order but not answer randomly given questions; some do not know any at all. Feedback from parents has shown that they are often unsure about which multiplication tables they need to be practising with their child.

With this in mind, I have organised the learning of times tables and grouped them into coloured bands, similar to reading book bands in KS1.

By using the coloured bands, children and parents can see:
- Where they are in relation to expected year group attainment
- The end goal!
- Their individual progress

The table below shows expected attainment for each year group. (The new National Curriculum has a program of study per year group, not by Key Stage.) Children will start by learning the multiplication facts and then will move on to the division facts. We have also added **diamond** and **rainbow** which is aimed at year 5 and 6 pupils to practise related number facts for multiplication (diamond) and division (rainbow). We have also added pink and lilac for Foundation Stage and Year 1 as these are crucial number facts to be learnt in these year groups.

Red	Yellow	Blue	Green	Orange	Turquoise	Purple	Bronze	Silver	Gold
10x	10x 5x	10x 5x 2x	10x 5x 2x 3x	10x 5x 2x 3x 4x	10x 5x 2x 3x 4x 8x	10x 5x 2x 3x 4x 8x 6x	10x 5x 2x 3x 4x 8x 6x 11x 9x	10x 5x 2x 3x 4x 8x 6x 11x 9x 7x	10x 5x 2x 3x 4x 8x 6x 11x 9x 7x 12x
Year 2 children (+ any Year 1 children that are working above age related expectations)			Year 3 children			Year 4 children.			

Lilac	Pink
Number bonds to 10	Number bonds to 20
End of Foundation Stage/ Year 1	Year 1

diamond	Rainbow
Related multiplication facts *can be tested altogether or in separate grids for each table - see below*	**Related division facts** *can be tested altogether or in separate grids for each table - see below*
Year 5/6	

To progress to the next band, your child needs to complete a one minute challenge answering questions on a given times table or several times tables. We do not want these challenges to be seen as 'tests' so we are encouraging children to approach us when the feel ready to try a challenge. They can then find a quiet corner, use a stopwatch and have a go. Alternatively, children can practice as a whole class.

Ideas on how to practise these times tables are contained within the 'fluency at Stapleford Primary School' booklet. I have attached a couple of examples of these 1 minute challenges below and their is a proforma for these on the maths area of the website. Children are also encouraged to practise times tables rockstars regularly.

I hope that you will become involved with our times tables mission and encourage your child to make as much progress as possible and to 'Go for Gold'!

Katie Street (Maths Coordinator)

10x = 1 minute		
3 x 10 =	12 x 10 =	6 x 10 =
10 x 9 =	10 x 10 =	10 x 4 =
4 x 10 =	10 x 11 =	11 x 10 =
5 x 10 =	3 x 10 =	2 x 10 =
10 x 7 =	8 x 10 =	

10x 5x 2x 3x - 1 minute			
27 ÷ 3 =	80 ÷ 10 =	24 ÷ 3 =	12 ÷ 2 =
12 ÷ 3 =	14 ÷ 2 =	40 ÷ 5 =	18 ÷ 2 =
16 ÷ 2 =	60 ÷ 5 =	24 ÷ 2 =	120 ÷ 10 =
110 ÷ 10 =	21 ÷ 3 =	33 ÷ 3 =	30 ÷ 5 =
35 ÷ 5 =	36 ÷ 3 =	18 ÷ 6 =	40 ÷ 10 =
15 ÷ 3 =			

10x 5x 2x 3x 4x 8x 6x 11x 9x 7x 12x		
1 minute		
3 x 9 =	8 x 11 =	6 x 7 =
7 x 9 =	8 x 7 =	8 x 5 =
12 x 8 =	5 x 12 =	9 x 4 =
6 x 11 =	7 x 3 =	11 x 3 =
5 x 12 =	6 x 12 =	6 x 6 =
12 x 4 =	4 x 6 =	11 x 10 =
8 x 6 =	9 x 6 =	6 x 2 =
7 x 12 =	8 x 9 =	4 x 7 =
4 x 8 =	12 x 9 =	12 x 3 =
12 x 6	8 x 4	4 x 6

Related multiplication facts		
1 minute		
3 x 0.9 =	8 x 1.1 =	6 x 0.07 =
70 x 0.9 =	8 x 0.7 =	8000 x0. 5 =
12 x 800 =	5.0 x 12 =	90 x 40 =
6 x 110 =	700 x 3 =	110 x 300 =
5 x 120 =	6000 x 12 =	0.6 x 6 =
12 x 0.4 =	4 x 60 =	11 x 1000 =
8000 x 6 =	900 x 0.6 =	600 x 20 =
70 x 1.2 =	0.8 x 9 =	0.4 x 7 =
40 x 800 =	1.2 x 9 =	1.2 x 3 =