



Wednesday 10th January 2018

Dear Parents and Carers,

“Times Table Rock Stars” Programme

As part of our school development targets, we want to improve and strengthen pupils’ numeracy skills. As children progress through school the Maths content becomes more difficult and children who struggle with basic number skills will find the work more challenging. At The Emmaus Federation we want to improve confidence in doing Maths by improving basic number skills. When it comes to times tables, speed and accuracy are important – the more facts your child remembers, the easier it is for them to do harder calculations.

In light of this, all Year 1 to Year 6 pupils’ will participate in the “Times Table Rock Stars” programme. “Times Table Rock Stars” is a fun and challenging programme designed to help students master the times tables.

To be a Times Table Rock Star you need to answer any multiplication fact up to 12x12 in less than 3 seconds! Our goal is for all participating students to be Times Table Rock Stars after 16 weeks! World famous rock musicians are the best at what they do because they've spent hours practising guitar chords, writing music or playing on the drums. It's just the same with times tables – all Times Table Rock Stars need to do is practise and practise and practise.

It's absolutely essential that your child does a little bit of times table practise most nights. Short bursts of practise on a daily basis are more effective than spending hours once a week. To make a success of this programme and ensure that your child follows the programme of practising and remains motivated we need your help. Without your praise and your reminders, without you sitting down next to them or checking their work, practising times tables will not feel important to your child.

With this letter we have set out a plan for you to follow. We recommend that you help your child every evening for 15 minutes during the first two weeks. This will help to establish a routine. After that, we suggest you help your child three or four times per week. . Over the course of the next few weeks and months, your child will get faster and more accurate with the times tables. All your hard work and theirs will have a direct impact on making them a Times Table Rock Star!

We thank you for your contribution to this exciting programme and for your ongoing support.

We look forward to seeing you at **the Parents’ Consultative Evenings at Sutterton on Monday 26th February or at Swineshead on 27th and 28th February.** We will also share a new homework and teaching guide, which will help with the strategies taught to your child in school.

Reading the Tables

Read the times tables together with your child. Focus on the times tables that we are studying in school each week.

Year 1

- Learn to count in 2s, 3s, 5s, and 10s.

Year 2

- Practise counting in 2s, 5s, and 10s.
- Learn to count in 3s.
- Learn and use the 2, 5 and 10 times tables.
- Know that times tables have corresponding division facts.
- Know that multiplication can be done in any order.

Year 3

- Practise counting in 2s, 3s, 5s, and 10s.
- Learn to count in 4s and 8s.
- Learn and use the 2, 3, 4, 5, 8 and 10 times tables.
- Learn what happens when you multiply a whole number by 10 or 100.

Year 4

- Practise counting in 2s, 3s, 4s, 5s, 8s and 10s.
- Learn to count in 6s, 7s and 9s.
- Recall multiplication facts for tables up to and including 12×12 .
- Practise division facts for tables up to and including 12×12 .
- Learn what happens when you divide a whole number by 10 or 100.
- Start to recognise square numbers.

Year 5

- Recall multiplication and division facts for tables up to and including 12×12 .
- Identify multiples, factors and prime numbers.
- Multiply and divide numbers including decimals by 10, 100 or 1000.
- Multiply 4 digit numbers by a single digit number using the standard short method.
- Begin to multiply 4 digit numbers by a 2 digit number using the standard long method.
- Divide 4 digit numbers by a single digit number using the standard short method.
- Recognise and use square and cube numbers and the notation involved.

Year 6

- Recall multiplication and division facts for tables up to and including 12×12 .
- Use times tables facts to solve problems.
- Multiply and divide numbers including decimals to 3 decimal places by 10, 100 or 1000.
- Use standard long multiplication to multiply 4 digits by a 2 digit number.
- Use standard short and long division to divide 4 digits by a 2 digit number and write remainder as whole numbers, fractions or decimals as appropriate.
- Identify common multiples, common factors and prime numbers.

3 Times Table	4 Times Table	5 Times Table	6 Times Table	7 Times Table
1 times 3 is 3	1 times 4 is 4	1 times 5 is 5	1 times 6 is 6	1 times 7 is 7
2 times 3 is 6	2 times 4 is 8	2 times 5 is 10	2 times 6 is 12	2 times 7 is 14
3 times 3 is 9	3 times 4 is 12	3 times 5 is 15	3 times 6 is 18	3 times 7 is 21
4 times 3 is 12	4 times 4 is 16	4 times 5 is 20	4 times 6 is 24	4 times 7 is 28
5 times 3 is 15	5 times 4 is 20	5 times 5 is 25	5 times 6 is 30	5 times 7 is 35
6 times 3 is 18	6 times 4 is 24	6 times 5 is 30	6 times 6 is 36	6 times 7 is 42
7 times 3 is 21	7 times 4 is 28	7 times 5 is 35	7 times 6 is 42	7 times 7 is 49
8 times 3 is 24	8 times 4 is 32	8 times 5 is 40	8 times 6 is 48	8 times 7 is 56
9 times 3 is 27	9 times 4 is 36	9 times 5 is 45	9 times 6 is 54	9 times 7 is 63
10 times 3 is 30	10 times 4 is 40	10 times 5 is 50	10 times 6 is 60	10 times 7 is 70
11 times 3 is 33	11 times 4 is 44	11 times 5 is 55	11 times 6 is 66	11 times 7 is 77
12 times 3 is 36	12 times 4 is 48	12 times 5 is 60	12 times 6 is 72	12 times 7 is 84

8 Times Table	9 Times Table	10 Times Table	11 Times Table	12 Times Table
1 times 8 is 8	1 times 9 is 9	1 times 10 is 10	1 times 11 is 11	1 times 12 is 12
2 times 8 is 16	2 times 9 is 18	2 times 10 is 20	2 times 11 is 22	2 times 12 is 24
3 times 8 is 24	3 times 9 is 27	3 times 10 is 30	3 times 11 is 33	3 times 12 is 36
4 times 8 is 32	4 times 9 is 36	4 times 10 is 40	4 times 11 is 44	4 times 12 is 48
5 times 8 is 40	5 times 9 is 45	5 times 10 is 50	5 times 11 is 55	5 times 12 is 60
6 times 8 is 48	6 times 9 is 54	6 times 10 is 60	6 times 11 is 66	6 times 12 is 72
7 times 8 is 56	7 times 9 is 63	7 times 10 is 70	7 times 11 is 77	7 times 12 is 84
8 times 8 is 64	8 times 9 is 72	8 times 10 is 80	8 times 11 is 88	8 times 12 is 96
9 times 8 is 72	9 times 9 is 81	9 times 10 is 90	9 times 11 is 99	9 times 12 is 108
10 times 8 is 80	10 times 9 is 90	10 times 10 is 100	10 times 11 is 110	10 times 12 is 120
11 times 8 is 88	11 times 9 is 99	11 times 10 is 110	11 times 11 is 121	11 times 12 is 132
12 times 8 is 96	12 times 9 is 108	12 times 10 is 120	12 times 11 is 132	12 times 12 is 144

You can also help your child by accessing the following websites. Here are just a few:

- a. www.multiplication.com
- b. Moonmaths which can be found at www.primaryinteractive.co.uk
- c. <http://learnyourtables.co.uk/>
- d. TT Rock Star Maths (free trial)

Yours sincerely,

Mrs Claire Collett
Executive Headteacher