

Year 4 MTC Meeting

28.02.24

Times Tables & The MTC

Times tables are the essential foundation for understanding many different areas of maths, including division, fractions, area and algebra. So if children are not secure with times tables, they will find many areas of maths impossible to do.

60% of the KS2 SATs require children to use their knowledge of multiplication facts to be able to answer the questions.

What is the MTC (Multiplication Tables Check)

The MTC is a statutory test for all year 4 pupils in England, it helps to determine whether pupils can recall their times tables fluently.

It takes place annually in June and we have a two week window in which the tests need to be administered.

What is the MTC (Multiplication Tables Check)

The MTC is carried out on an i.pad. The children are given 25 times tables questions to answer and they have just 6 seconds to answer each question – this is why their recall needs to be speedy!

How we prepare the children for the MTC

We teach times tables in the same way that any year group would be taught them but we particularly make the most of using Times Tables Rockstars

Times Tables Rockstars

Not only is Rockstars a fun way to practice times tables, data suggests that the more children use it, the higher their MTC score will be!

Times Tables Rockstars

Each time a child plays on Rockstars (garage), the algorithm issues them with questions that are specifically suitable for them. It starts with the 10s then the 2s, then the 5s and so on. They have to be getting these facts consistently correct before more facts are added.

Individual heat maps are generated, from these we can target particular facts that the children are finding tricky

This is an example of a heat map.

	10	2	5	3	4	8	6	7	9	11	12
10	10 x 10	10 x 2	10 x 5	10 x 3	10 x 4	10 x 8	10 x 6	10 x 7	10 x 9	10 x 11	10 x 12
2	2 x 10	2 x 2	2 x 5	2 x 3	2 x 4	2 x 8	2 x 6	2 x 7	2 x 9	2 x 11	2 x 12
5	5 x 10	5 x 2	5 x 5	5 x 3	5 x 4	5 x 8	5 x 6	5 x 7	5 x 9	5 x 11	5 x 12
3	3 x 10	3 x 2	3 x 5	3 x 3	3 x 4	3 x 8	3 x 6	3 x 7	3 x 9	3 x 11	3 x 12
4	4 x 10	4 x 2	4 x 5	4 x 3	4 x 4	4 x 8	4 x 6	4 x 7	4 x 9	4 x 11	4 x 12
8	8 x 10	8 x 2	8 x 5	8 x 3	8 x 4	8 x 8	8 x 6	8 x 7	8 x 9	8 x 11	8 x 12
6	6 x 10	6 x 2	6 x 5	6 x 3	6 x 4	6 x 8	6 x 6	6 x 7	6 x 9	6 x 11	6 x 12
7	7 x 10	7 x 2	7 x 5	7 x 3	7 x 4	7 x 8	7 x 6	7 x 7	7 x 9	7 x 11	7 x 12
9	9 x 10	9 x 2	9 x 5	9 x 3	9 x 4	9 x 8	9 x 6	9 x 7	9 x 9	9 x 11	9 x 12
11	11 x 10	11 x 2	11 x 5	11 x 3	11 x 4	11 x 8	11 x 6	11 x 7	11 x 9	11 x 11	11 x 12
12	12 x 10	12 x 2	12 x 5	12 x 3	12 x 4	12 x 8	12 x 6	12 x 7	12 x 9	12 x 11	12 x 12
NO DATA	0 - 1 s	1 - 2 s	2 - 3 s	3 - 4 s	4 - 5 s	5 - 6 s	6 - 7 s	7 - 8 s	8 - 9 s	9 - 10 s	> 10 s

The facts shown here in red are the ones that this child is particularly struggling with. These are the ones that they would need to focus on.

Times Tables Rockstars

Once the children are fluent in their tables, we also get them to play on Sound Check. This is a great indicator to show us how they could potentially score when doing the MTC in June.

Sound Check on Rockstars is very similar to the MTC (they are given 25 questions to answer which need to be answered within 6 seconds). Because of this, when completing the MTC the children are already familiar with it.

Times Tables Rockstars

Class battles!

Children have the chance to earn points for their class by playing Garage, the winning class receives a treat. The more they play at home, the better their chance at winning.

We also give out certificates for taking part and they have the chance to take home their class trophy.

How you can help your child

Please encourage your child to go onto Rockstars at home, daily if possible. Even 10 minutes a day will make a huge difference.

When playing at home, the children need to be going onto Garage. This will be giving them the facts that they need to practice the most and will update their heat maps.

If you have any questions regarding times tables or the MTC, please speak to one of the Year 4 team.