

MULTIPLICATION TABLES CHECK (MTC)

Year 4

WHAT IS THE MTC?

- Statutory assessment for all Year 4 children during the summer term – **Tuesday 13th June**
- **Purpose** – to check fluency of tables facts to 12 x 12 (not division facts) which is essential to future success in mathematics
- Online check – 25 times tables questions with six seconds to answer
- On average should take less than 5 minutes to complete

Try it out Time left: 6

$5 \times 6 =$

1	2	3
4	5	6
7	8	9
✕	0	Enter

MTC CHECK

- We have a three week window to complete the check in June (after May half term). **Tuesday 14th June**

How will we administer?

- Touch screen laptops (keyboard or touch screen)
- Small groups of 5-6 children
- In the library
- 3 practise questions before 25 questions
- We will have a practise before half term
- We will encourage children to not click enter



ACCESS ARRANGEMENTS

- The check has been designed to be as inclusive and accessible as possible. There are several access arrangements which can be used to support children with specific needs, including children with SEND or EAL.
- Year 4 teachers, Mrs Hoskins and Mr Scallan will ensure that any access arrangements are appropriate for your child before the final test in June.

WHAT HAPPENS AFTERWARDS?

- Following the MTC window in June, we will be able to access results and see the score out of 25.
- There is no 'pass' mark. It provides a snapshot of how fluent they are with times tables
- School performance data will be published
- We will use data to identify children who need additional support in Year 5
- Children and parents will be informed of their score via the end of year report

LAST YEAR

- The average score of children at MJS was 23.0 compared to 19.8 nationally
- The percentage of children scoring 25/25 at MJS was 48% compared to 27% nationally
- The percentage of children scoring 20+ at MJS was 85% compared to 61% nationally
- Soundcheck mode on Times Table Rockstars provides a good snapshot of your child's current understanding

SCHOOL APPROACH TO TIMES TABLES

- Progression: (2x, 5x and 10x by end of Year 2)
4x, 3x, 8x by end of Year 3
6x, 7x, 9x, 11x and 12x by end of Year 4

Children progress through the times tables in a wave but individual progress is also tracked.

- We teach understanding of times tables by using tables-specific workbooks. E.g. use of arrays, numberlines and numberlink boards.
- Retrieval of times table facts in maths lessons, DMM time and paper copies of TTR.
- Homework to support retrieval as times tables are introduced at school: precision grids and TTR online.
- Use of touchscreen devices to familiarise children with the format of the MTC check (try it out and soundcheck on TTR)

WHAT CAN YOU DO AT HOME?

- Chant times tables with your children. They need to be confident writing and saying them in order before they can recall them out of order.
- Spend time on the retrieval homework with your child each week
 - These are designed to be done every day as regular retrieval has been found to work best.
 - They are sent home in line with the times table that is being learnt at school so is also a useful insight into what is happening in the classroom.
 - These are sent home in paper form each week but can also be found on Google classroom or under the learning, maths resources tab on the website.

7 Times Tables

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

Get a parent to check your knowledge of the 7 times tables. Ask them to time how long it takes you (**if you want it to be timed**) to verbally answer each of the number facts correctly. Then try and beat your time.

Parent Sign 1	Parent Sign 2	Parent Sign 3	Parent Sign 4	Parent Sign 5	Parent Sign 6

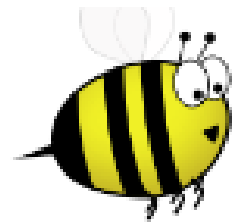
Parent Signature _____

WHAT CAN YOU DO AT HOME?

- Encourage the use of TTRS and MathShed – smaller regular chunks of time work best



EdShed



MathShed

- Quick retrieval sessions – in the car, on the way to school, Make it a game, they love to win!

WHAT CAN YOU DO AT HOME?

- Show them **what they know** and how they can use these facts to work out the trickier facts
 - E.g. if fluent at their 3 times table...they actually can work out their 6 times table easily
 - If they know 10x a number, it's actually quite easy to work out 9x and 11x
 - Talk about these hints and model using them yourself
- At school we use a number link board to show the connections between the facts within a given times table. These can easily be replicated at home by writing out the numbers in a similar layout.

1 2 3...
3 6 9...

