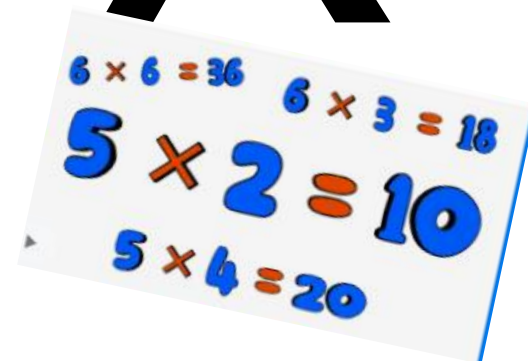


# Year 4 Multiplication Times Table Check MTC



X



# What is it?



- The purpose of the MTC is to determine whether year 4 pupils can fluently recall their multiplication tables, up to 12x12.
- All eligible Year 4 pupils who are registered at maintained schools, special schools or academies (including free schools) in England will be required to take the check.
- The test is fully digital and takes place on screen. It will be available to use on laptops and tablets – though most children prefer the instant nature of a touch screen tablet.



# What, When, How...

- ▶ It will take place at some point across a three-week window in June Children will face 25 questions (up to 12x12). Each child will be randomly assigned a set of questions.
- ▶ They will get 6 seconds to answer each question – this is 6 seconds to read, recall and enter their response.
- ▶ Children will enter their answer using a keyboard or touchscreen on an on-screen number pad.
- ▶ There will be a 3 second pause in-between each question, before the next question appears on screen. It is therefore important that children have been used to answering (at least) 25 questions in quick succession before they face the test.
- ▶ It should take less than 5 minutes per pupil.
- ▶ **There will be no division questions.**



# Which tables...?

- ▶ The 6, 7, 8, 9 and 12 times tables are more likely to be asked than the 2, 3, 4, 5, 10 or 11 multiplication tables. The Standard Testing Agency (STA) state that there is a focus on these as these are the 'most difficult' multiplication tables.
- ▶ There will always be questions from the 3, 4, 5, 6, 7, 8, 9, 11 and 12 multiplication tables in each test.
- ▶ There will be no questions from the 1 times table (i.e  $1 \times 8$  or  $8 \times 1$ )
- ▶ There will only be a maximum of 7 questions from the 2, 5 and 10 times tables.
- ▶ Reversal of questions using the commutative law will not feature in the same check. This means that, for example,  $8 \times 3$  and  $3 \times 8$  won't be asked to the same pupil.



# Results

- ▶ The child (or teacher) will not be shown the total score on screen. We have to wait until all tests are completed then the scores will be sent into school.
- ▶ **There Is No 'Pass' Rate Or Threshold**
- ▶ The guidance is clear that there is no expected pass rate or threshold. This means that, unlike the KS1 Phonics Screening check, children will not be expected to re-sit the check if they do not meet a set threshold in this KS2 Times Tables Test. BUT if children are to achieve expected progress in Year 6 maths SATs it is very important that they have rapid and accurate recall of all times tables and the related division fact.
- ▶ The DfE usually report on the performance of pupils in the check nationally and in each local authority. Schools are also likely to be able to see the percentage of children in their cohort who achieved each score compared to the percentage of children nationally.
- ▶ We will use the results to inform our Maths planning and identify weaknesses in times tables knowledge to practise in school.





# EXTRA SUPPORT

We will be given access in April to a 'Try it Out' MTC so the children can get used to the format and we can assess individual needs. As it is a timed test then no extra time can be given BUT we can:

- ▶ Change colours
- ▶ Increase Font sizes
- ▶ Invert the Keyboard
- ▶ Include a question reader

For those children who's needs state that this would improve their access.

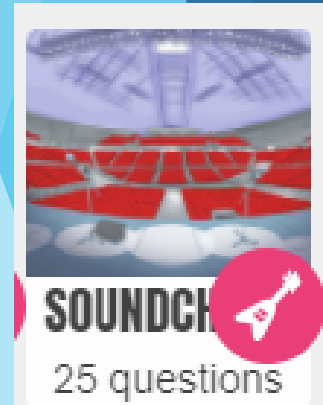


# What is school doing to prepare your child?

Due to the speed of the test, it is vital that we are ensuring children are able to rapidly recall multiplication facts, and can do so 'out of sequence' (i.e. answer  $6 \times 7$  without having to count in 6's from 0).

So at school we are:

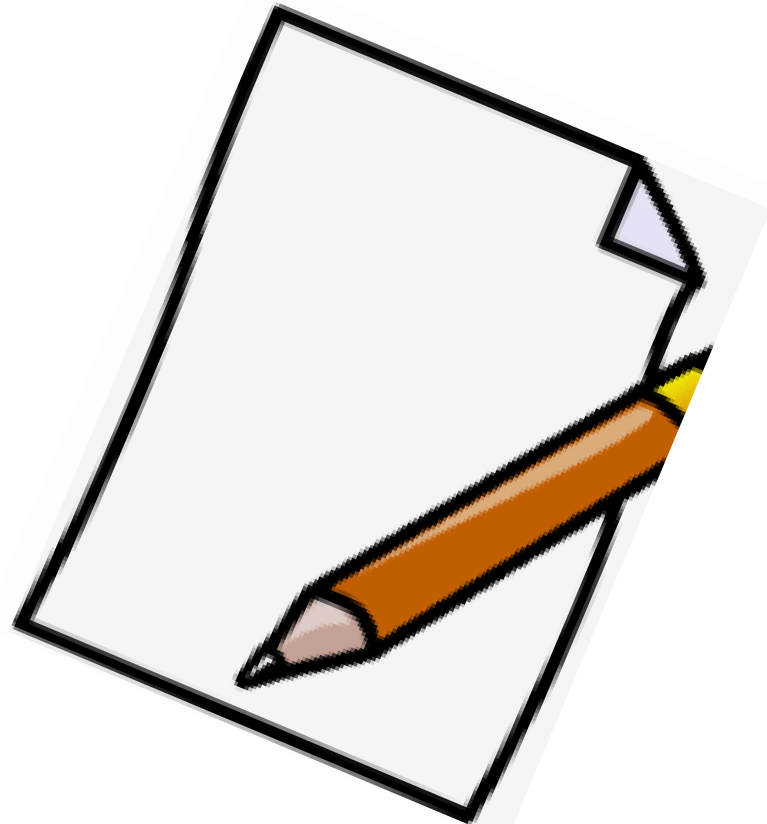
- ▶ Practising daily at the start of each maths lesson: chanting, singing, dancing, Bingo, looking for patterns, missing numbers, using mnemonics etc
- ▶ Doing lots of practise on tablets and computers! We are teaching strategies for remembering tables and patterns...
- ▶ Using TT Rockstars to practise our rapid recall which is set as weekly homework
- ▶ Practising the format of the test (practising using devices to type answers in quickly...)- Using SoundCheck on TT Rocksars as this mimics the test format- though is more difficult as it includes division facts.
- ▶ Using Numbergym- Table Trainer to improve skills and knowledge.
- ▶ Focusing on specific times tables each week and conducting weekly times table tests.



# Try it out!

<https://www.timestables.co.uk/multiplication-tables-check/>

Can you answer all 25 questions in the given time?





# How can you help at home?

- ▶ Practise Lots!
- ▶ Online using the links below:
- ▶ Numbergym- Table Trainer <https://www.numbergym.co.uk/> Click on online access, Username: springdale Password: numbergym Pupil Login: first 3 letters of first and surname. e.g. Sally Grayson would be: salgra
- ▶ Chanting together
- ▶ Super Movers- Dance and sing them <https://www.bbc.co.uk/teach/supermovers/times-table-collection/z4vv6v4>
- ▶ Quick Fire Questions- Times Table Me <http://timestables.me.uk/>
- ▶ Looking for Patterns
- ▶ Purple Mash
- ▶ Daily 10 Topmarks: [Daily 10 - Mental Maths Challenge - Topmarks](#)
- ▶ Times Tables Tips booklet  
[https://www.springdaleprimary.co.uk/\\_files/ugd/b3d3e8\\_cbbb0511ca73463e8006546bd816ec07.pdf](https://www.springdaleprimary.co.uk/_files/ugd/b3d3e8_cbbb0511ca73463e8006546bd816ec07.pdf)



**Any questions?**

**Further information can be found on the DfE website:**

**<https://www.gov.uk/government/publications/multiplication-tables-check-information-for-parents>**

**But if you have any other questions then please contact Mrs Grayson or your child's year 4 teacher.**

