



**MTC**

# multiplication tables check

Information for Year 4 parents

# Information

- ▶ The multiplication tables check (MTC) is statutory for all year 4 pupils registered at state-funded maintained schools.
- ▶ The purpose of the MTC is to determine *whether pupils can recall their times tables fluently*, which is essential for future success in mathematics.
- ▶ It helps schools to identify pupils who have not yet mastered their times tables, so that additional support can be provided.
- ▶ Schools must administer the MTC to all eligible year 4 pupils between Monday 5 June and Friday 16 June 2023.
- ▶ Schools can use the following week, Monday 19 June to Friday 23 June, to administer the check to any pupils who were absent during the first 2 weeks or in case of any delays to the administration of the check due to technical difficulties.
- ▶ Schools can access the MTC service to prepare for the check via [DfE Sign-in](#) from Monday 17 April 2023.

# The test

- ▶ The MTC is an online test where the pupils are asked 25 questions on times tables 2 to 12.
- ▶ *For every question you have 6 seconds to answer* and in between the questions there is a 3-second rest.
- ▶ Questions about the 6, 7, 8, 9, and 12 times table come up more often.
- ▶ The questions are generated randomly based on the rules of the MTC.

## Multiplication tables check

00:06

🕒 2 / 25

$$2 \times 10 =$$

1

2

3

4

5

6

7

8

9

<-

0

Enter

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

# TTRS (Times Tables Rock Stars)

- ▶ Using TTRS regularly can support children to efficiently recall their tables (2-12)
- ▶ There are two areas within the app/online that should be used regularly: Jamming and Soundcheck.
- ▶ *Jamming sessions* allow children to practise all tables. Some they may be more confident/familiar with (2,3,4,5,10) and others which may be more difficult (6,7,8,9,12).
- ▶ It is important that ALL tables are revisited in order to boost confidence and speed of recall. Correct answers are shown in red - to support learning.
- ▶ *Soundcheck* is an unofficial MTC (it has a similar format to MTC). E.g. 25 random questions which appear every 6 seconds.



## JAMMING

Take it easy



## GIG

Perform once a month



## GARAGE

Complete your heatmap



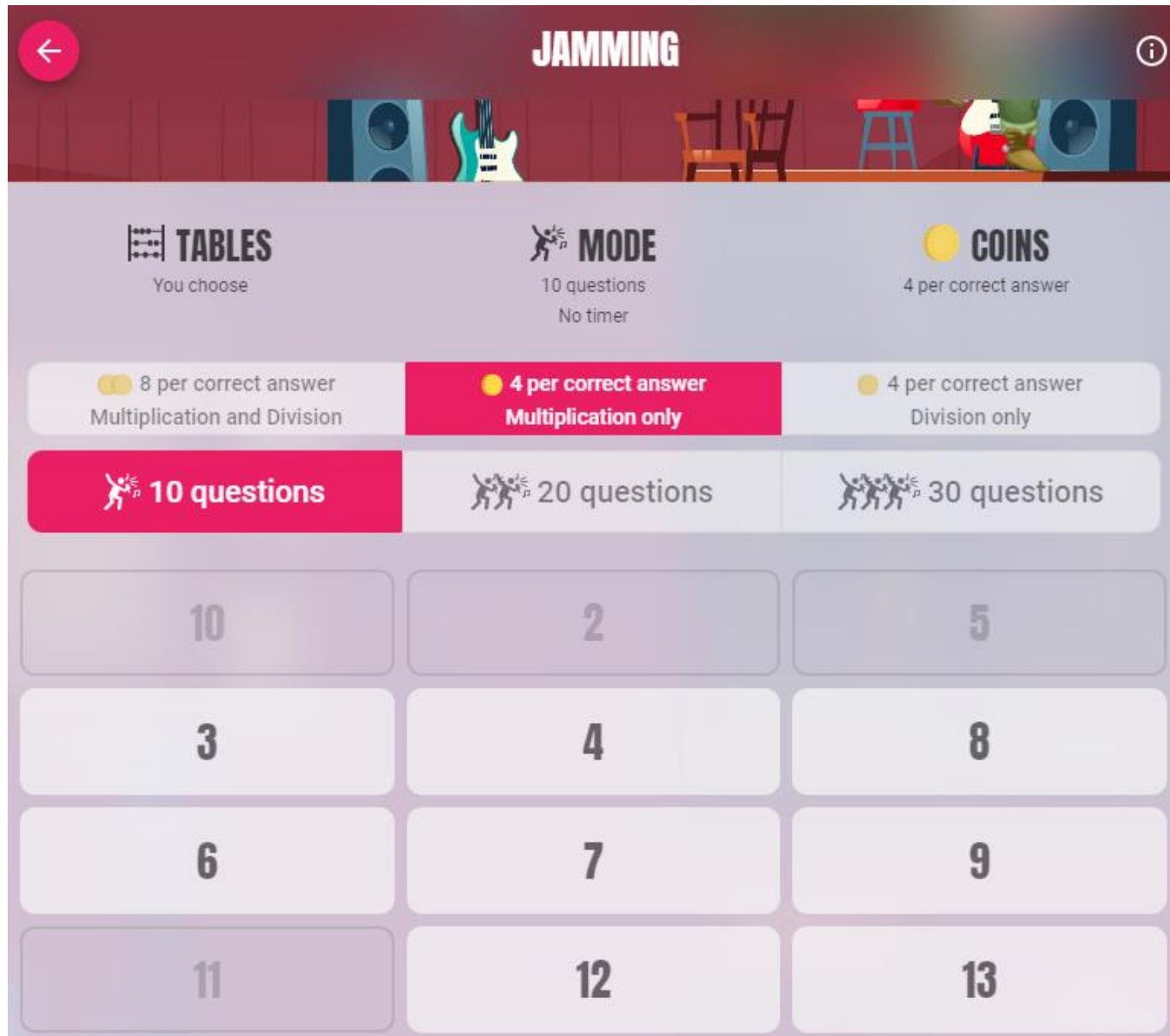
## STUDIO

Get a rock status



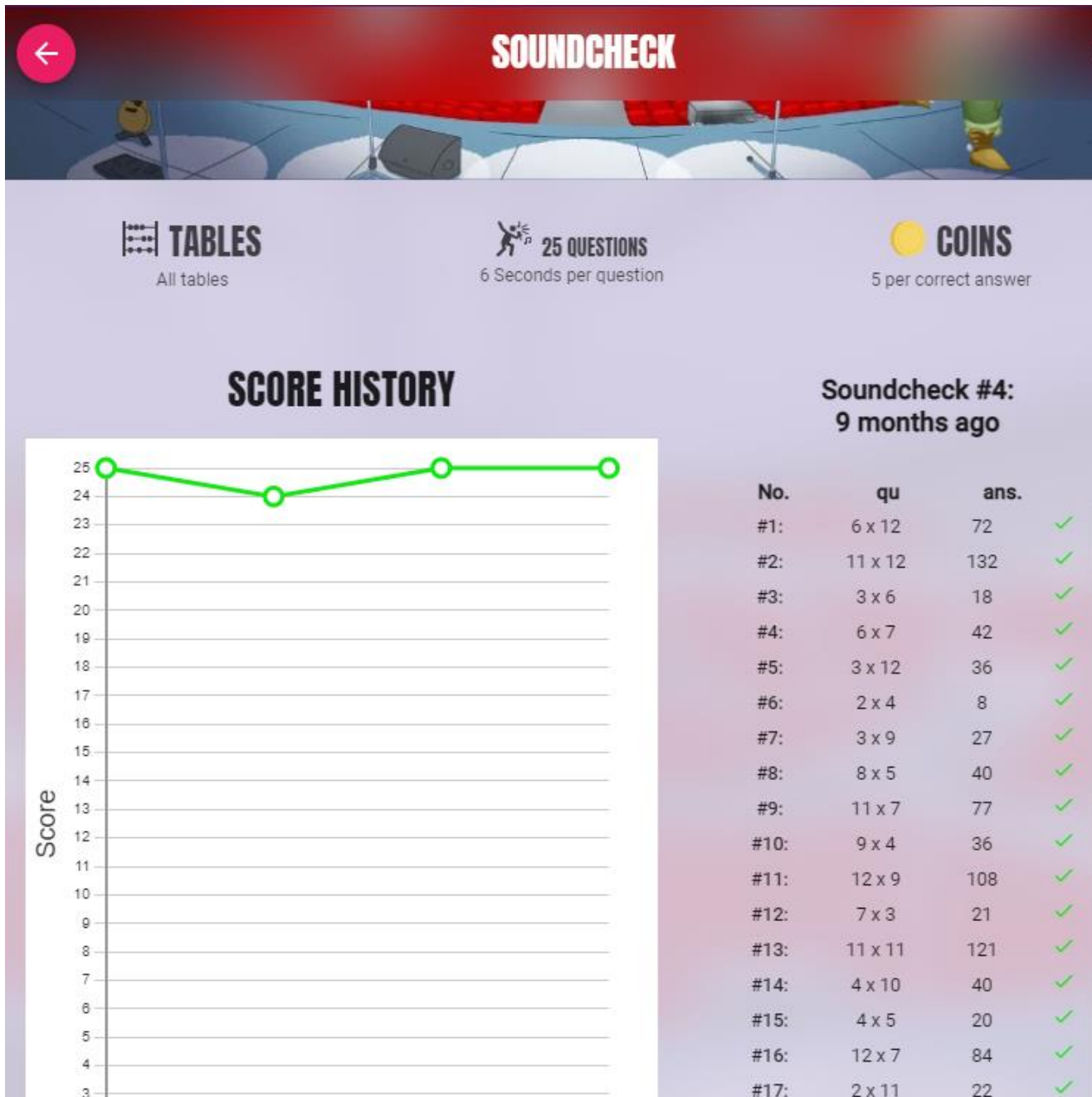
## SOUNDCHECK

Beat the clock



*Jamming sessions* allow children to practise all tables. Some they may be more confident/familiar with (2,3,4,5,10) and others which may be more difficult (6,7,8,9,12).





*Soundcheck* is an unofficial MTC (it has a similar format to MTC).  
 E.g. 25 random questions (tables 1-12) which appear every 6 seconds.  
 Good to practise (even with tables less confident with as answers shown to support learning).  
 11 x 11 = 121 (answer never changes)



# TTRS - Soundcheck

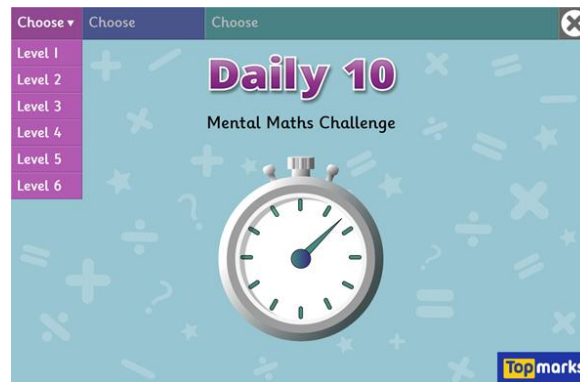
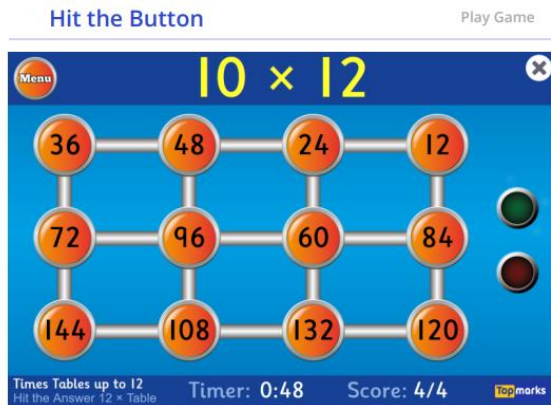
- ▶ TTRS can be accessed on touch screen devices or laptop/PC to practise and improve times tables.
- ▶ School only has keyboards so it is essential that children become familiar with inputting their answers using a numeric keypad (along top or side). As this method will be used in the MTC in June.



- ▶ First make sure child knows the correct answer then they can practise inputting on keyboard. Further practise will take place in school after Easter to support pupils.

# Additional support for times tables

- ▶ <https://www.topmarks.co.uk/maths-games/hit-the-button>
- ▶ <https://www.topmarks.co.uk/maths-games/daily10>



<https://mathsframe.co.uk/en/resources/category/22/most-popular>

<https://www.topmarks.co.uk/maths-games/7-11-years/mental-maths>

<https://ictgames.com/mobilePage/index.html>

<https://www.youtube.com/@NUMBEROCKLLC/videos>

<https://numberock.com/video-library/>



Writing and Interpreting Numerical Expressions Song for 5th Grade

139K views • 3 years ago



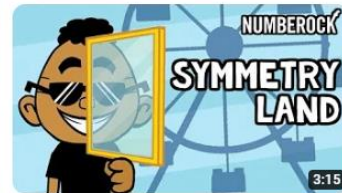
5 Times Table Song | Skip Counting by 5 Rap For Kids

1.1M views • 3 years ago



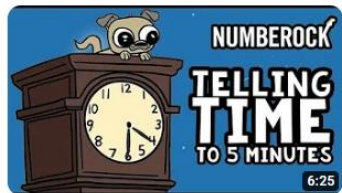
Skip Counting by 100 Song for Kids | 1st Grade - 2nd Grade

727K views • 3 years ago



KINDERGARTEN MATH SONGS  
Symmetry Song for Kids | A Day at Symmetry Land | Lines of Symmetry

1.2M views • 3 years ago



Telling Time Song for Kids | Telling Time to 5 Minutes

2.3M views • 3 years ago



Telling Time to the Half Hour and Hour Song | 1st Grade & 2nd Grade

1.9M views • 3 years ago



11 Times Table Song | Skip Counting the Multiples of 11

383K views • 3 years ago



Even and Odd Numbers Song for Kids | Odds and Evens for Grades 2 & 3

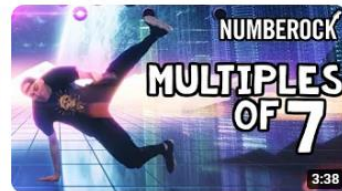
1.9M views • 3 years ago



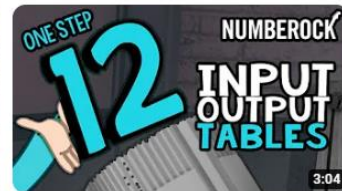
Multiplying Decimals Song | How to Multiply Decimals



The 12 Times Table Song | Skip Counting by 12 for Kids



7 Times Table Song | Skip Counting by 7 Song with Multiplication



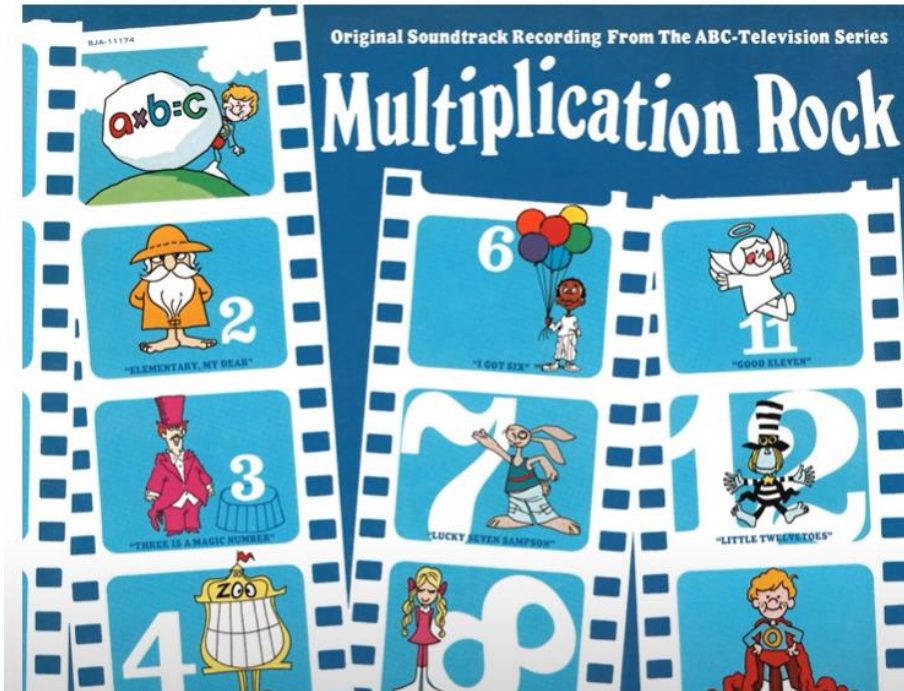
Input Output Tables Song | 4th Grade | Finding the Rule of A Function

Skip counting videos supports speed and accuracy. Also helps to *use fingers* to count along with the song - support recall in lessons



<https://www.youtube.com/watch?v=ZfrVOjx9nwo>

[https://www.youtube.com/watch?v=J8lRKCw2\\_Pk](https://www.youtube.com/watch?v=J8lRKCw2_Pk)



## 5 mins in the car

- ▶ Shout out random tables - easy/hard. Or the tricky ones (7x6, 8x7)
- ▶ Check doubles (double 9, double 11)
- ▶ Square numbers (2x2, 5x5, 7x7 etc)
- ▶ Say tables use: 'lots of', 'times', 'multiply', 'by' '6 sevens', '7 sixes')
- ▶ Say/read in reverse ( 6x7, 7x6)
- ▶ <https://www.youtube.com/watch?v=ZfrV0jx9nwo>

## 5 mins at home

- ▶ Shoot out! Say table aloud and first to write wins!
- ▶ Who is quicker? Calculator against brain?
- ▶ Splat!! Write the table and then spin around to see & say.
- ▶ Against an adult (give them a chance to boost confidence)
- ▶ Silent (skip) counting along a number line or on fingers.  
When stop say number

Questions?

