

# Year 4 Multiplication Check

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Administered in a 2-week window between:  
Monday 5<sup>th</sup> June and Friday 16<sup>th</sup> June

# What is the Multiplication Check?

- All children in Year 4 will sit the Multiplication Tables Check (MTC) in June 2023. As a school, we can administer the check within a 2-week window from Monday 5<sup>th</sup> to Friday 16<sup>th</sup> June 2023. It is a statutory assessment.
- It is an online assessment, designed to determine whether pupils can fluently recall their multiplication tables up to 12, through a set of 25 timed questions.
- Knowing all tables to 12 is essential for your child's future success in mathematics.
- It will identify pupils who have not yet mastered this mathematical skill so school can provide additional support.

# Why are times tables important?

We encourage pupils to develop a secure knowledge and quick recall of times tables by the end of Year 4 as it is a crucial skill as they move on to tackle more complex maths skills and questions.

- 1. Learning basic times tables will make it easier to learn more challenging ones - for example if children know their 3 times tables, they will be able to work out their 6 times tables by doubling the answer.
- 2. When children successfully recall their times tables, they will grow in confidence, which will not only help them tackle more challenging maths problems, but will help to keep them motivated and engaged.
- 3. Multiplication underpins many other aspects of mathematics such as algebra, division and fractions - an early understanding of multiplication will help children for many years to come.
- 4. Recalling times tables improves memory skills, which is a transferrable skill that will help children throughout school and into adult life.
- 5. Children will find it easier to solve maths problems and to do mental arithmetic if they have already memorised their times tables.
- 6. Children will find maths less daunting as they will be assured in their ability to recall times tables. This means that when tackling more challenging maths problems they can easily recall and apply their existing knowledge whilst focusing on the question.
- 7. Multiplication is used day to day throughout adulthood, whether it's working out price reductions, doubling recipes or splitting bills!

# What does it consist of?

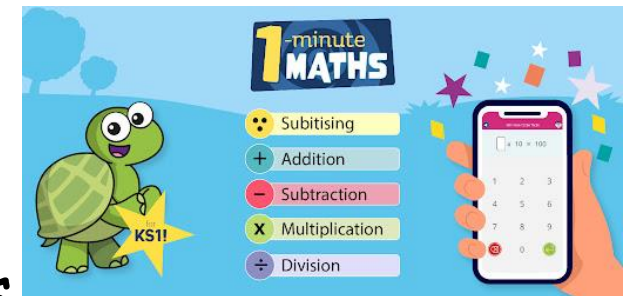
- There are 25 times tables questions (not including practice questions).
- Your child will be able to answer 3 practice questions before taking the actual check.
- They will then have 6 seconds to answer each question and be allowed a 3 second rest between each question. An on screen timer will count down the time for the children.
- On average, the check should take no longer than 5 minutes to complete.

# What if my child cannot access the check?

- There are several access arrangements available for the check, these can be used to support pupils with specific needs.
- We will ensure that the access arrangements are appropriate for your child before they take the check in June.
- The check has been designed so that it is inclusive and accessible to as many children as possible, including those with special educational needs or disability (SEND).
- Only pupils who are working below expectation for Year 2 multiplication tables (2, 5 and 10 x tables) are considered unable to answer the easiest questions and are therefore exempt.

# Do I need to do anything to prepare my child for the check?

- Support your child in recalling their times tables to 12x12 in fun and engaging ways, such as creating games to support with learning or recalling them together whilst carrying out every day activities.
- Encourage your child to use TTRS. TTRS is a great resource, which we subscribe to as a school, and helps pupils to learn their multiplication tables in a fun and engaging way. All pupils have an individual login for TTRS, these can be found in the front of their pupil planner.
- Use the White Rose Maths 1-minute Maths App as an alternative resource for learning times tables. This is a free app, with no login details required. Also, 'Hit the Button' is a great free website for learning times tables.



# TIMES TABLES ROCKSTARS

- TTRS has a range of different modes, all of which will support your child in learning their times table.
- They have designed 'soundcheck' mode, which is designed to be as similar as possible to the multiplication table check. Playing this mode as regularly as possible, will ensure that your child is confident in their skills and the format of the MTC.

The screenshot shows the game's main menu with a purple header. On the right, there are icons for 'PLAY', 'SHOP', and a profile for 'BEKI SLICK ROCK LEGEND'. Below the header, there are two main categories: 'SINGLE PLAYER' and 'MULTIPLAYER'. Under 'SINGLE PLAYER', there are four options: 'GARAGE Self Set', 'JAMMING You choose', 'STUDIO 12 x 12', and 'SOUNDCHECK 25 questions'. Under 'MULTIPLAYER', there are three options: 'FESTIVAL 12 x 12', 'ARENA Self Set', and 'ROCKSLAM 12 x 12'. A large purple banner for 'SOUNDCHECK' is prominent, featuring a 'PLAY' button, a '25 Questions 6 Seconds per question' timer, a 'Play solo' icon, and '5 per correct answer' reward. Below this is a 'SCORE HISTORY' section with a line graph showing a score of 25 and a table for 'Soundcheck #1: 2 years ago'.

Question No.	Question	Answer	Status
#1:	2 x 3	6	✓
#2:	3 x 7	21	✓
#3:	7 x 7	49	✓
#4:	4 x 11	44	✓
#5:	11 x 3	33	✓
#6:	6 x 2	12	✓
#7:	6 x 11	66	✓
#8:	9 x 4	36	✓
#9:	10 x 7	70	✓
#10:	12 x 12	144	✓

# Where can I find useful resources?

- Links to further information for parents as well as activities (both digital and printable) for children can be found on our school website.
- It's useful to display a times table poster at home for your child to refer to, a printable version is available on our school website.
- This PowerPoint will also be displayed on the website after the meeting for you to refer back to.

**Please visit: Children, Maths, Y4 Multiplication Table Check.**

<https://www.greenside-sch.org/y4-multiplication-table-check/>

# How will the results be used?

- There is no pass mark for the check. However, we want every children to be proud of their achievements and fulfil their full potential.
- Data will not be published in league tables but will be available for staff to see how pupils have performed.
- School will provide additional support for those pupils who need it.
- You will receive your child's score with their end of year report.

# Top Tips

- Focus on multiplication and ensure this is embedded.
- Encourage your child to use TTRS regularly. Short but regular bursts will be most effective.
- Ensure your child feels confident with the format of the multiplication table check by playing 'soundcheck' on TTRS.
- Questions about the six, seven, eight, nine, and 12 times tables are likely to come up most often, as these are the hardest for most children to learn. It's a good idea to focus on these tricky times tables with your child.
- Make learning tables fun as this will have a much more effective outcome!

*Any questions?*

