



The Importance of Learning Times Tables

Tables

Why is learning multiplication facts so important?

When children know their times tables, mental arithmetic becomes easier. Practising times tables also helps children to understand number and number relationships, and to see patterns in numbers. These skills will help them to master key concepts and enable them to solve maths problems with confidence. A thorough knowledge of multiplication and division facts will help children succeed in primary school and set them up for success at secondary school.

When does my child need to know their times tables?

By the end of...

Year 1 children should be able to count in multiples of 2, 5 and 10.

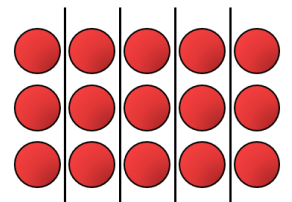
Year 2 – children should be able to recall multiplication and division facts for 2, 5 and 10 x tables.

Year 3 – children should be able to recall multiplication and division facts for 3, 4 and 8 x tables.

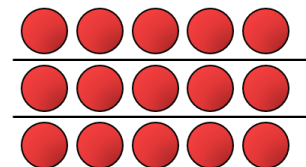
Year 4 – children should be able to recall ALL multiplication and division facts up to 12 x 12.

Mastering Times tables

You can know all the multiplication facts up to 12 x 12 without really mastering them. Once your child has learned the times tables facts, the next step is to practise recalling them quickly and in any random order.



$$5 \times 3$$



$$3 \times 5$$

Multiplication Times Table Check (MTC)

The MTC is a statutory assessment check that Yr 4 children sit in June. The MTC has 25 questions across all times tables, up to 12 x 12. The check is completed on an iPad and children must enter an answer within 6 seconds. There really isn't time to count on fingers so speedy recall is essential. For more information on the MTC click [here](#).

How can I help at home?

Times Tables Rock Stars (TTRS)

Times Tables Rock Stars is an award-winning maths learning platform that helps pupils practise and recall their times tables like a rock star, using paper worksheets, and playing online adaptive question-based games via an app and browser. The rewarding online platform is designed to motivate pupils to play, with virtual coins to accessorise rock avatars and a rock leaderboard to progress from a New Artist to a Rock Hero – learning and practising times tables have never been so fun!

All children in Years 3–6 have a TTRS log in. If you have forgotten your log in, please speak to your child's class teacher. Log in [here](#).

Useful Websites

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

Daily 10: <https://www.topmarks.co.uk/maths-games/daily10>

Coconut multiples: <https://www.topmarks.co.uk/times-tables/coconut-multiples>

Funky Mummy: <https://ictgames.com/mobilePage/funkyMummy/index.html>

Connect 4: <https://www.multiplication.com/games/play/multiplication-4-row>

Like to sing and dance? Check out 'Supermovers' on the BBC website (you can select the individual times tables to sing along to).

<https://www.bbc.co.uk/teach/topics/cnep90jwj7t>

Practise the timings for the MTC

MTC trial run:

The website link below offers the opportunity to practise for the MTC test. It mirrors the number of questions, the type of questions and the timings to answer the questions. Most children find it helpful to use this site and familiarise themselves with the MTC format.

Parents, give it a go too! Can you score 20 out of 25?

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

TOP TIPS!

Learning times tables can be tricky at first, but with a bit of practice and the right approach, it gets easier. Here are some top tips to help:

1. Start with the Easy Ones

- Begin with the **1s, 2s, 5s, and 10s** since these are the easiest and form a good foundation. For example:
 - 1s: $1 \times 1 = 1$, $1 \times 2 = 2$, $1 \times 3 = 3$...
 - 2s: $2 \times 1 = 2$, $2 \times 2 = 4$, $2 \times 3 = 6$...
 - 5s: $5 \times 1 = 5$, $5 \times 2 = 10$, $5 \times 3 = 15$...

2. Use Patterns

- Many times tables have patterns that make them easier to remember. For example:
 - **Multiplying by 9:** The sum of the digits of the result always equals 9. (e.g., $9 \times 3 = 27$, $2+7 = 9$).

3. Chunking

- Break the tables into chunks. Instead of learning all the 7 times table at once, break it down:
 - 7×1 , 7×2 , 7×3 – and then once you're comfortable with that, add more.

4. Use Visual Aids

- Create a **times table chart** and hang it where you can see it every day. Repetition and visual exposure will help you remember the facts.
- Use online tools or apps with visual reinforcement like flashcards or interactive games.

5. Practice, Practice, Practice

- Consistent repetition is key! Use a variety of methods: write them out, say them aloud, or even do flashcards. The more you practice, the quicker you'll get at recalling them.

TOP TIPS!

6. Make it Fun with Songs

- There are many catchy times table songs online that help you remember multiplication facts. Singing them or listening to them can make memorization feel like a game.

7. Practice in Real-Life Situations

- Use everyday scenarios to practice times tables. For example, if you're shopping, try calculating prices (e.g., "If an apple costs £2, how much would 7 apples cost?").

8. Work Backwards

- Once you've memorized the times tables, try recalling the division facts. This helps reinforce multiplication. For example, if you know $7 \times 3 = 21$, then you also know $21 \div 3 = 7$.

9. Mix It Up

- Once you feel comfortable with one table, mix up your practice. Don't go in order—jump between different times tables to keep your brain on its toes.

10. Use Apps and Games

- There are lots of fun educational apps like **Times Tables Rock Stars** and **Mathletics** that turn learning multiplication into an interactive experience.