



Times Table Rock Stars (TTRS) – Parents guide to game modes and Harewood Junior School's approach.



Times Table Rock Stars is a fun and challenging programme designed to help students master the times tables both in school and at home! It is an online platform that supports the learning of times tables for children in years 3-6. An app form of this platform is available for most devices. When it comes to times tables, speed AND accuracy are important – the more facts your child remembers, the easier it is for them to do harder calculations.

To be a 'Times Table Rock Star' your child needs to answer any multiplication fact up to 12×12 in less than 3 seconds! However, as a school we aim for 6 seconds by the end of Year 4 (the government timing set for the end of Year 4 multiplication test). Children in Year 2 and 3 should focus on becoming fluent through regular practise.

As part of child's weekly homework, they are expected to use TTRS for at least 30 mins a week (3 x 10 mins for example). Any extra practise they can do will mean that your child will become increasingly fluent and gain greater confidence in their times table facts...an important life skill.

And this is where you come in. For your child to be fully motivated and for them to get the best out of the practice, they need your help. Without your praise and your reminders, without you sitting down next to them or checking their work, practicing times tables will not feel important to your child.

Over the course of the next few weeks and months, your child WILL get faster and more accurate with the times tables. We will support in school through weekly celebrations and assemblies. Additional incentives are also provided to encourage and motivate. We thank you in advance for your support and encouragement in the learning of the times tables.

All children assigned to TTRS will have log in details in their homework books.

[Times Tables Rock Stars: Play \(trockstars.com\)](https://trockstars.com)

The five game modes of TTRS are detailed further on the next page along with a copy of the times table from 3 to 12.

Should you have any questions regarding TTRS, in the first instance please communicate with your child's class teacher.

Kind regards,

Mrs Hooper

School Maths Lead

What games can be played in TTRS?

Game mode 1: Jamming: The only free choice game. Allowing your child the choice over the tables they practise and whether to including multiplication, division or both. Perfect for building confidence on tables of choice.

When to use: for any additional free time, practise after garage / studio games.

Game mode 2: Gig: a baseline and checking game mode. Children are given 100 questions in 5 minutes and cover all times table facts up to 12 x 12. 10 coins earned for each correct answer.

When to use: in school, once a month on teachers' assignment

Game mode 3: Garage: the best mode to master individual times table facts. Highly rewarding, earning 10 coins per answer. A choice of game length (1,2 or 3 mins) with questions determined through the data-informed algorithm within TTRS, this will allow a purposeful practise every time this mode is played. As children practise similar questions the algorithm will adapt and select the 6 highest priority facts from the current table.

When to use: weekly as part of home learning as per school policy 3 x 10 minimum

Game mode 4: Studio: speed based. An initial 'speed' is calculated once the first 10 games are played in this mode. The average speed is then calculated on the most recent 10 studio games. This game mode covers all times table facts up to 12 x 12. Children earn 1 coin per correct answer. As a school we have set guidelines for each year group (see end of this letter) to guide the times expected in recall of times table facts.

When to use this mode: as additional practise in Year 3 and 4, form monitoring and progress checks in Year 5 and 6

Game mode 5: Soundcheck: 25 questions each with a 6-second time limit. This mode mirrors the Government's multiplication check (MTC) that children sit at the end of Year 4. This mode asks questions up to and included 12 x 12. 5 coins are awarded for each correct answer.

When to use: as an additional practise, on a weekly basis in class for Year 4 children in preparation for the MTC check in June.

What do the coins mean?

Coins allow children to build their 'avatar' and support their class on the whole school leader board.

Studio status progressive for year groups:

Year 3 – certificates awarded for achieving the following statues: New artist, Wannabe, Garage Rocker, Busker, Gigger, Unsigned Act

Year 4 – certificates awarded for achieving the following statues - Unsigned Act, Breakthrough Artist, Support Act, Headliner

Year 5 and Year 6 – certificates awarded for achieving the following statues -Rock Star, Rock Legend and Rock Hero statues.



Suggested ways to learn your times tables:

1. **Read the times tables out loud** – Below you will find all the times tables written out from the 3s up to the 12s. Together with your child, read the times tables together. Do it a second time round but this time your child should be trying to say them without reading them from the page. It is more important that they say them correctly than say them quickly at this stage.

2. **Write tables on a piece of paper**

3. **Posters or post it notes** – children can create a poster for the times table they are focusing on and display it somewhere they pass by often. Post it notes for 'key facts' can also be used.

4. **Play online**– using the login details for TTRS and information above.

3 Times Table	4 Times Table	5 Times Table	6 Times Table	7 Times Table
1 times 3 is 3	1 times 4 is 4	1 times 5 is 5	1 times 6 is 6	1 times 7 is 7
2 times 3 is 6	2 times 4 is 8	2 times 5 is 10	2 times 6 is 12	2 times 7 is 14
3 times 3 is 9	3 times 4 is 12	3 times 5 is 15	3 times 6 is 18	3 times 7 is 21
4 times 3 is 12	4 times 4 is 16	4 times 5 is 20	4 times 6 is 24	4 times 7 is 28
5 times 3 is 15	5 times 4 is 20	5 times 5 is 25	5 times 6 is 30	5 times 7 is 35
6 times 3 is 18	6 times 4 is 24	6 times 5 is 30	6 times 6 is 36	6 times 7 is 42
7 times 3 is 21	7 times 4 is 28	7 times 5 is 35	7 times 6 is 42	7 times 7 is 49
8 times 3 is 24	8 times 4 is 32	8 times 5 is 40	8 times 6 is 48	8 times 7 is 56
9 times 3 is 27	9 times 4 is 36	9 times 5 is 45	9 times 6 is 54	9 times 7 is 63
10 times 3 is 30	10 times 4 is 40	10 times 5 is 50	10 times 6 is 60	10 times 7 is 70
11 times 3 is 33	11 times 4 is 44	11 times 5 is 55	11 times 6 is 66	11 times 7 is 77
12 times 3 is 36	12 times 4 is 48	12 times 5 is 60	12 times 6 is 72	12 times 7 is 84

8 Times Table	9 Times Table	10 Times Table	11 Times Table	12 Times Table
1 times 8 is 8	1 times 9 is 9	1 times 10 is 10	1 times 11 is 11	1 times 12 is 12
2 times 8 is 16	2 times 9 is 18	2 times 10 is 20	2 times 11 is 22	2 times 12 is 24
3 times 8 is 24	3 times 9 is 27	3 times 10 is 30	3 times 11 is 33	3 times 12 is 36
4 times 8 is 32	4 times 9 is 36	4 times 10 is 40	4 times 11 is 44	4 times 12 is 48
5 times 8 is 40	5 times 9 is 45	5 times 10 is 50	5 times 11 is 55	5 times 12 is 60
6 times 8 is 48	6 times 9 is 54	6 times 10 is 60	6 times 11 is 66	6 times 12 is 72
7 times 8 is 56	7 times 9 is 63	7 times 10 is 70	7 times 11 is 77	7 times 12 is 84
8 times 8 is 64	8 times 9 is 72	8 times 10 is 80	8 times 11 is 88	8 times 12 is 96
9 times 8 is 72	9 times 9 is 81	9 times 10 is 90	9 times 11 is 99	9 times 12 is 108
10 times 8 is 80	10 times 9 is 90	10 times 10 is 100	10 times 11 is 110	10 times 12 is 120
11 times 8 is 88	11 times 9 is 99	11 times 10 is 110	11 times 11 is 121	11 times 12 is 132
12 times 8 is 96	12 times 9 is 108	12 times 10 is 120	12 times 11 is 132	12 times 12 is 144

How to log in:

Logging in to Times Tables Rock Stars

1

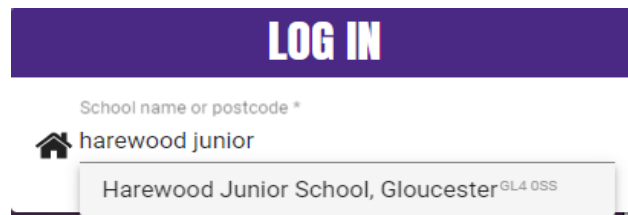
Type **play.ttrockstars.com** into your browser's address bar.

2

Click Login! > School > Student

3

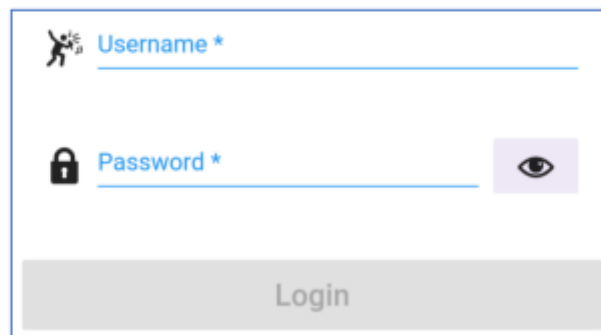
Enter the School Name.



The screenshot shows a purple header with the text "LOG IN". Below it is a text input field labeled "School name or postcode *". The text "harewood junior" is entered in the field. A dropdown menu is open, showing "Harewood Junior School, Gloucester GL4 0SS" as a suggestion.

4

Enter your child's username and password.



The screenshot shows a login form with two input fields. The first field is labeled "Username *" and has a small icon of a person. The second field is labeled "Password *" and has a small icon of an eye. Below the fields is a grey button labeled "Login".

Keep track of your child's progress:

If you click on your Avatar Icon, then > My Stats, a heatmap like the one below will load. It shows how successful your child is at each of the facts.

Stats

The colours relate to how quickly you can answer each of the facts from 1x1 to 12x12. The greener the colour the quicker they are and the redder the colour the slower they are.

	1	2	3	4	5	6	7	8	9	10	11	12
1	1x1	1x2	1x3	1x4	1x5	1x6	1x7	1x8	1x9	1x10	1x11	1x12
2	2x1	2x2	2x3	2x4	2x5	2x6	2x7	2x8	2x9	2x10	2x11	2x12
3	3x1	3x2	3x3	3x4	3x5	3x6	3x7	3x8	3x9	3x10	3x11	3x12
4	4x1	4x2	4x3	4x4	4x5	4x6	4x7	4x8	4x9	4x10	4x11	4x12
5	5x1	5x2	5x3	5x4	5x5	5x6	5x7	5x8	5x9	5x10	5x11	5x12
6	6x1	6x2	6x3	6x4	6x5	6x6	6x7	6x8	6x9	6x10	6x11	6x12
7	7x1	7x2	7x3	7x4	7x5	7x6	7x7	7x8	7x9	7x10	7x11	7x12
8	8x1	8x2	8x3	8x4	8x5	8x6	8x7	8x8	8x9	8x10	8x11	8x12
9	9x1	9x2	9x3	9x4	9x5	9x6	9x7	9x8	9x9	9x10	9x11	9x12
10	10x1	10x2	10x3	10x4	10x5	10x6	10x7	10x8	10x9	10x10	10x11	10x12
11	11x1	11x2	11x3	11x4	11x5	11x6	11x7	11x8	11x9	11x10	11x11	11x12
12	12x1	12x2	12x3	12x4	12x5	12x6	12x7	12x8	12x9	12x10	12x11	12x12

What else can I do to help my child at home?

Many parents feel that Maths teaching has changed since they were at school and therefore feel nervous about supporting their child in case they 'do the wrong thing'. Below are a selection of useful videos and guides that help explain how we teach the different areas of maths.

Maths with Michael

White Rose Maths have teamed up with TV presenter, teacher and parent Michael Underwood to bring you a mini-series called Maths with Michael.

The mini-series covers the following topics:

- Has maths changed?
- Place Value
- Subtraction
- Multiplication
- Division
- Fractions
- Algebra

These videos are a perfect way to help you understand the way we teach maths at Harewood Junior.

[Maths with Michael](#). Click here to access the whole mini-series.

<https://whiteroseeducation.com/parent-pupil-resources/maths/maths-with-michael>

Also, on this website there are parent guides for each of these aspects of maths.

- [A Guide to Place Value.pdf](#)
- [A Guide to Subtraction.pdf](#)
- [A Guide to Multiplication.pdf](#)
- [A Guide to Division.pdf](#)
- [A Guide to Fractions.pdf](#)
- [A Guide to Algebra.pdf](#)