



TT Rockstars Parents and Carers  
information evening  
Tuesday 12<sup>th</sup> November 2024



**Number Bonds (addition and subtraction facts) up to 20**

<b>+</b>	<b>0</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>
<b>0</b>	0+0	0+1	0+2	0+3	0+4	0+5	0+6	0+7	0+8	0+9	0+10
<b>1</b>	1+0	1+1	1+2	1+3	1+4	1+5	1+6	1+7	1+8	1+9	1+10
<b>2</b>	2+0	2+1	2+2	2+3	2+4	2+5	2+6	2+7	2+8	2+9	2+10
<b>3</b>	3+0	3+1	3+2	3+3	3+4	3+5	3+6	3+7	3+8	3+9	3+10
<b>4</b>	4+0	4+1	4+2	4+3	4+4	4+5	4+6	4+7	4+8	4+9	4+10
<b>5</b>	5+0	5+1	5+2	5+3	5+4	5+5	5+6	5+7	5+8	5+9	5+10
<b>6</b>	6+0	6+1	6+2	6+3	6+4	6+5	6+6	6+7	6+8	6+9	6+10
<b>7</b>	7+0	7+1	7+2	7+3	7+4	7+5	7+6	7+7	7+8	7+9	7+10
<b>8</b>	8+0	8+1	8+2	8+3	8+4	8+5	8+6	8+7	8+8	8+9	8+10
<b>9</b>	9+0	9+1	9+2	9+3	9+4	9+5	9+6	9+7	9+8	9+9	9+10
<b>10</b>	10+0	10+1	10+2	10+3	10+4	10+5	10+6	10+7	10+8	10+9	10+10

Number facts begin with counting up to five and then knowing number bonds up to five, such as  $3 + 2 = 5$  and  $5 - 3 = 2$ . This then extends in Key Stage 1 to knowing number facts to 10, 20 and 100.

The current national expectation is that all children will be fluent in the number bonds (addition and subtraction facts) up to 20 by the end of Year 2.

**Times Tables (multiplication and division facts) up to 12 x 12**

x	1	2	3	4	5	6	7	8	9	10	11	12
1	1	2	3	4	5	6	7	8	9	10	11	12
2	2	4	6	8	10	12	14	16	18	20	22	24
3	3	6	9	12	15	18	21	24	27	30	33	36
4	4	8	12	16	20	24	28	32	36	40	44	48
5	5	10	15	20	25	30	35	40	45	50	55	60
6	6	12	18	24	30	36	42	48	54	60	66	72
7	7	14	21	28	35	42	49	56	63	70	77	84
8	8	16	24	32	40	48	56	64	72	80	88	96
9	9	18	27	36	45	54	63	72	81	90	99	108
10	10	20	30	40	50	60	70	80	90	100	110	120
11	11	22	33	44	55	66	77	88	99	110	121	132
12	12	24	36	48	60	72	84	96	108	120	132	144

With addition and subtraction facts secured, children also learn the multiplication and division facts – the times tables up to 12 x 12 – and then how to apply them to scaled problems, such as  $0.6 \times 9 = 5.4$  and  $6 \times 90 = 540$ .

The current national curriculum expectations are that all children will be fluent in the times tables facts up to 12 x 12 by the end of Year 4, which is assessed in the Multiplication Tables Check in June each year. The times tables are an essential building block of knowledge for the work that follows in Year 5 and 6, such as long multiplication and fraction calculation.

# TIMES TABLES ROCK STARS



Next:  $3 \times 10$

292

10 × 10

Type your answer, and hit enter!

1	2	3
4	5	6
7	8	9
Delete	0	Enter

TTRockstars.com: this site focuses on times tables facts up to (and beyond)  $12 \times 12$ . It is recommended for ages 7-11, but may be suitable for older and younger children depending on their level of understanding.

<https://trockstars.com/resources/>

Invert

72 ÷ 6 =

1	2	3
4	5	6
7	8	9
Delete	0	Enter

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.

Times Table Rock Stars is a fun and challenging programme designed to help students master the times tables!

To be a Times Table Rock Star you need to answer any multiplication fact up to  $12 \times 12$  in less than 3 seconds!

## Why do we teach times tables at John Clifford?

If your child is in Year 4, they will be participating in the multiplication tables check (MTC) in June 2025 . The purpose of the check is to determine whether your child can fluently recall their times tables up to 12, which is essential for future success in mathematics. It will also help your child's school to identify if your child may need additional support.

It is an on-screen check consisting of 25 times table 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. On average, the check should take no longer than 5 minutes to complete.

## Why do we teach times tables at John Clifford?

If your child is in Year 6, they will be sitting the end of key stage 2 (KS2) SATS. The tests help measure the attainment of pupils in relation to the standards set out in the national curriculum, and help teachers and parents identify where pupils may need additional support in a certain subject area. The tests are also used to assess schools' performance, and school-level results data is used to produce national and regional performance statistic.

Times tables fluency will help the children to be able to accurately answer arithmetic and reasoning questions with success.

It's helpful to understand that the quicker your child can answer a times tables question, the higher their Rock Status.

Use this list as a guide to help your child work out their Rock Status:  $\leq 1$

sec/question = Rock God

$\leq 2$  secs/question = Rock Legend

$\leq 3$  secs/question = Rock Star

$\leq 4$  sec question = Headliner

$\leq 5$  secs/ question = Support Act

$\leq 6$  secs/ question = Breakthrough Artist

$\leq 7$  secs/ question = Unsigned Act

$\leq 8$  secs/ question = Gigger

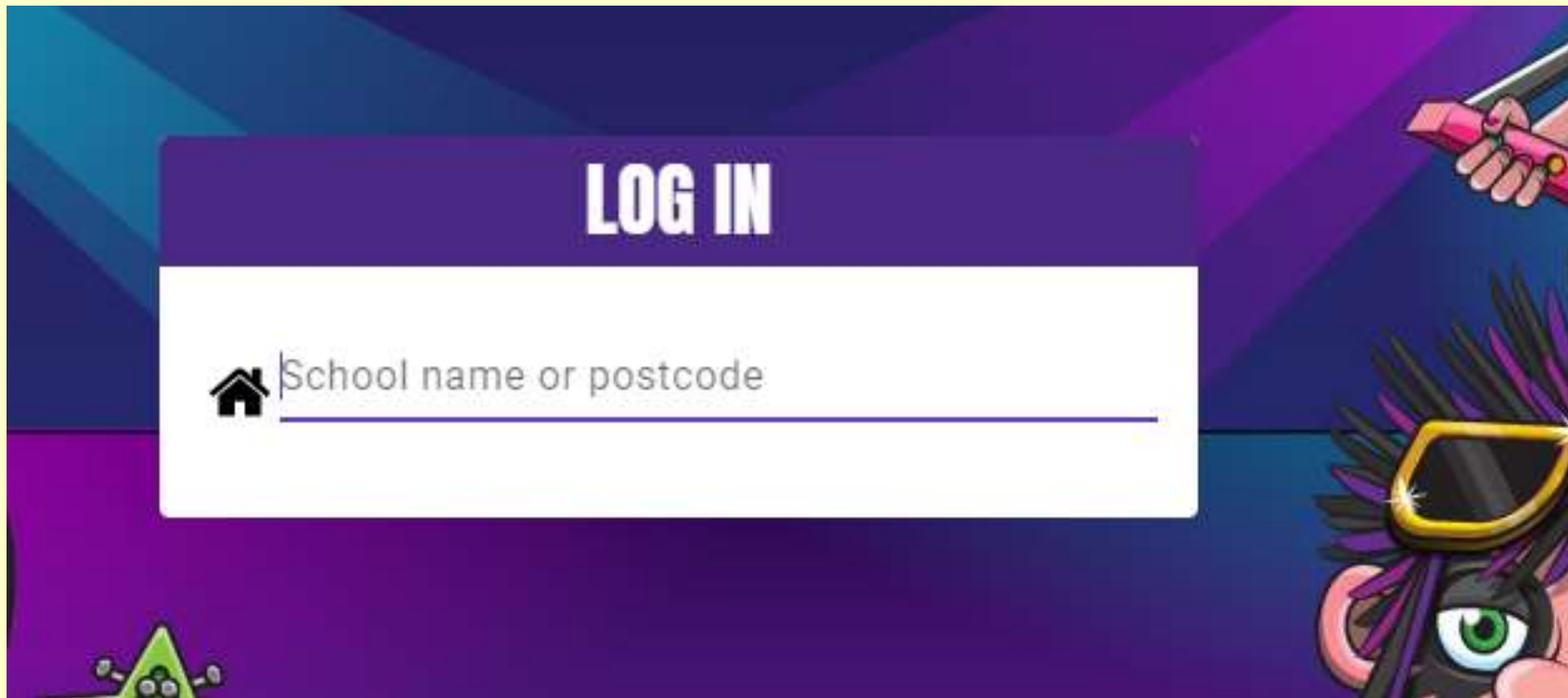
$\leq 9$  secs/ question = Busker

$\leq 10$  secs/ question = Garage Rocker

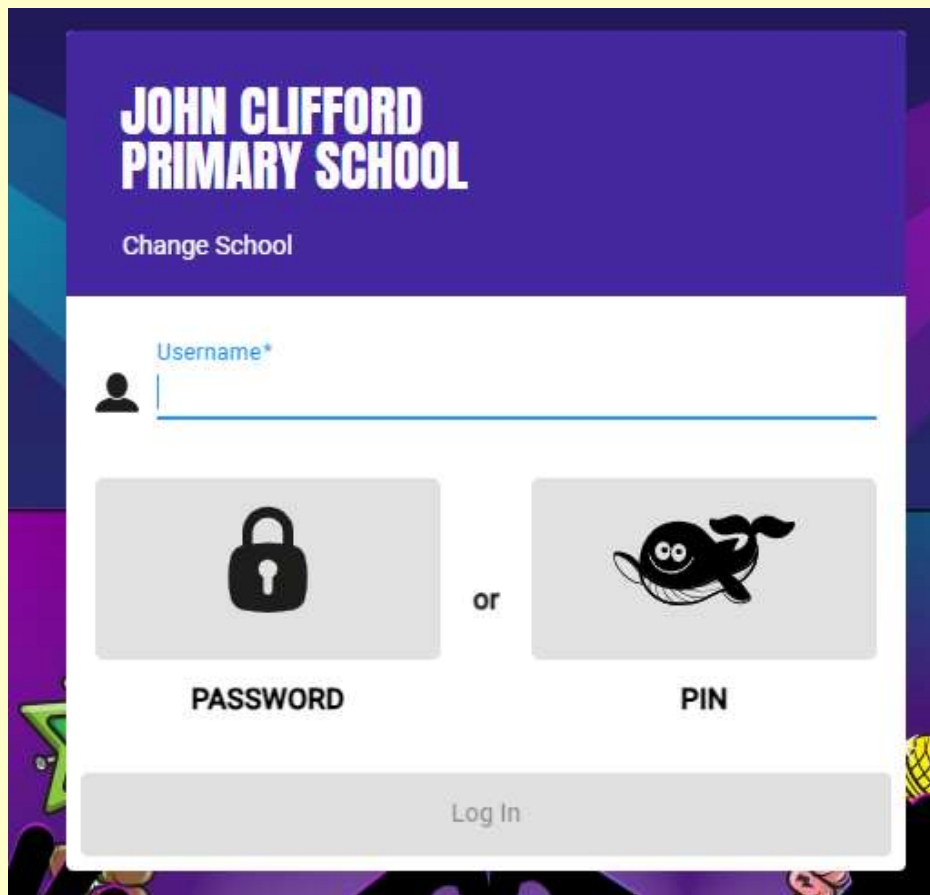
$> 10$  secs/ question = Wannabe



## Logging into TT Rockstars



## Logging into TT Rockstars





The image shows a login interface for TT Rockstars at John Clifford Primary School. The page has a purple header with the school name and a 'Change School' link. Below the header is a white login box containing a 'Username\*' input field with a person icon, two authentication options: 'PASSWORD' with a padlock icon and 'PIN' with a cartoon whale icon, and a 'Log In' button at the bottom.

**JOHN CLIFFORD  
PRIMARY SCHOOL**

[Change School](#)

Username\*

 or 

**PASSWORD** **PIN**

[Log In](#)

# Single player



## JAMMING

Take it easy



## GIG

Perform once a month



## GARAGE

Complete your heatmap



## STUDIO

Get a rock status

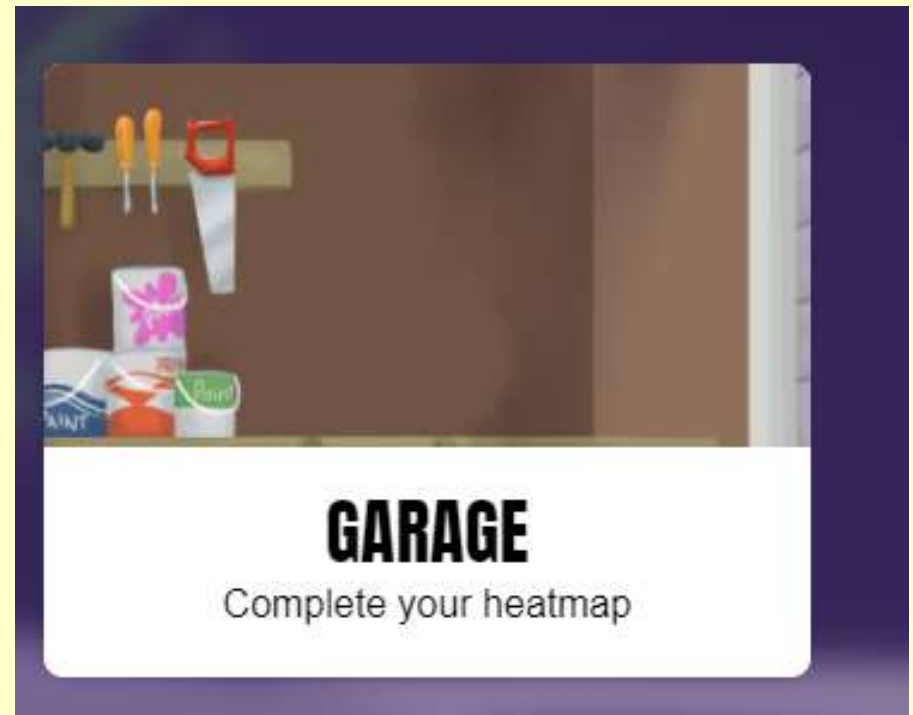


## SOUNDCHECK

Beat the clock

## Garage

The questions will only come from the times tables the teacher has set for the week. As pupils start to answer questions, TT Rock Stars works out which facts they take longer on and will give them more of these questions to answer. The Garage is best for getting quicker at a few facts. Players get 10 coins per question.



	10	2	5	3	4	8	6	7	9	11	12
10	10 × 10	10 × 2	10 × 5	10 × 3	10 × 4	10 × 8	10 × 6	10 × 7	10 × 9	10 × 11	10 × 12
2	2 × 10	2 × 2	2 × 5	2 × 3	2 × 4	2 × 8	2 × 6	2 × 7	2 × 9	2 × 11	2 × 12
5	5 × 10	5 × 2	5 × 5	5 × 3	5 × 4	5 × 8	5 × 6	5 × 7	5 × 9	5 × 11	5 × 12
3	3 × 10	3 × 2	3 × 5	3 × 3	3 × 4	3 × 8	3 × 6	3 × 7	3 × 9	3 × 11	3 × 12
4	4 × 10	4 × 2	4 × 5	4 × 3	4 × 4	4 × 8	4 × 6	4 × 7	4 × 9	4 × 11	4 × 12
8	8 × 10	8 × 2	8 × 5	8 × 3	8 × 4	8 × 8	8 × 6	8 × 7	8 × 9	8 × 11	8 × 12
6	6 × 10	6 × 2	6 × 5	6 × 3	6 × 4	6 × 8	6 × 6	6 × 7	6 × 9	6 × 11	6 × 12
7	7 × 10	7 × 2	7 × 5	7 × 3	7 × 4	7 × 8	7 × 6	7 × 7	7 × 9	7 × 11	7 × 12
9	9 × 10	9 × 2	9 × 5	9 × 3	9 × 4	9 × 8	9 × 6	9 × 7	9 × 9	9 × 11	9 × 12
11	11 × 10	11 × 2	11 × 5	11 × 3	11 × 4	11 × 8	11 × 6	11 × 7	11 × 9	11 × 11	11 × 12
12	12 × 10	12 × 2	12 × 5	12 × 3	12 × 4	12 × 8	12 × 6	12 × 7	12 × 9	12 × 11	12 × 12

## Studio

The questions in the Studio can be anything from 2x2 up to 12x12. TT Rock Stars calculates each the mean speed from their last 10 games in the Studio and translates into a Rock Status:

Under 1 second per question to become a Rock God

Under 2 seconds per question to become a Rock Legend

Under 3 seconds per question to become a Rock Star

Over 3 seconds is a Busker

They earn 1 coin per question and the Studio is the place for them to set their best time across all the tables.



# Multiplayer



**FESTIVAL**  
Race the world



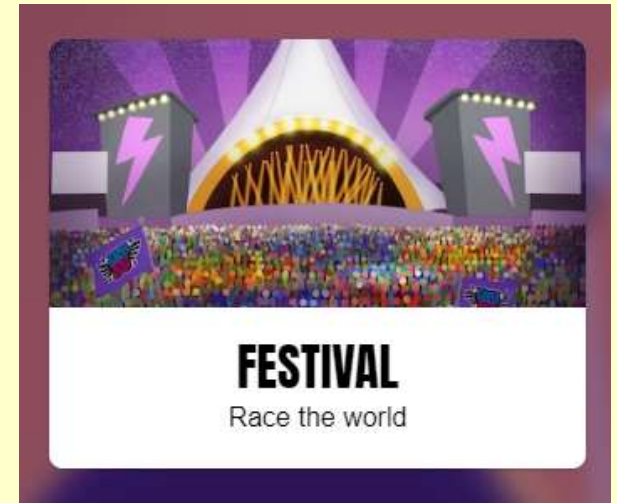
**ARENA**  
Race your class



**ROCKSLAM**  
Challenge someone

## Rock Festival

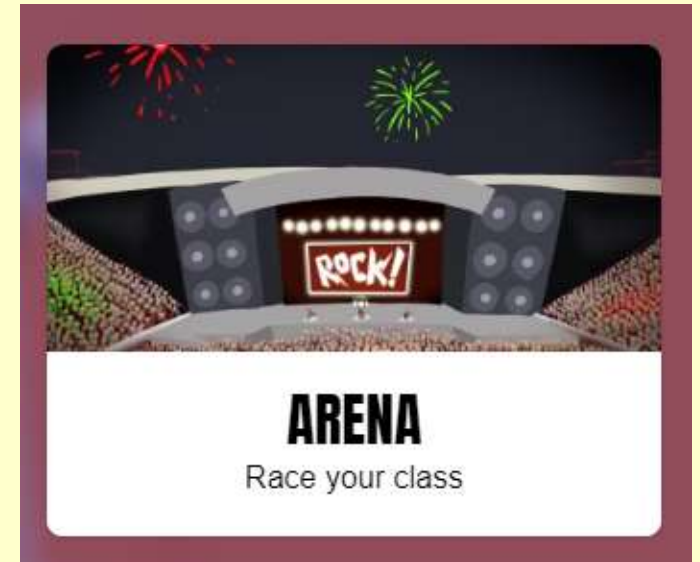
The Rock Festival games are open to players from around the world. Like the Arena, there is no limit to the number of players who can join a game; however, unlike the Arena, questions are selected at random from 2x2 to 12x12. Pupils might choose the Rock Festival if they were playing at home (and therefore couldn't easily synchronise playing against a classmate) or wanted to compete against others not in their Band. They earn 1 coin per correct answer.





## Rock Arena

The Arena allows players to compete against all other members of their Band (their Bandmates would need to join the same game in order to compete together). A new Arena game starts every 15 seconds and once the clock starts they race to answer more questions than the others. In the Arena, questions will only come from the times tables the teacher has set for the week, similar to the Garage. They earn 1 coin per correct answer.



# ENGLAND ROCKS

12TH - 14TH NOVEMBER  
7:30AM TO 7:30PM DAILY

÷ PLAY IN ANY  
GAME TYPE!

1HR TIME LIMIT  
PER PERSON!

WINNING CLASS WILL HAVE THE  
HIGHEST NUMBER OF CORRECT  
ANSWERS PER STUDENT!

TIMES TABLES  
ROCK STARS

# Useful links

<https://trockstars.com/>

<https://johnclifford.school/learning/school-curriculum/maths>