Maths Home Learning

Year 5

Times Tables Rock Stars

A fun, game-based learning platform used to help master multiplication and division. It allows teachers to adapt the learning of multiplication tables to suit the child, while building their speed & recall, preparing them for tests and building confidence to apply multiplication and division facts to other areas of their Maths learning.

National Curriculum

The National Curriculum in England: Mathematics Programme of Study, states that pupils in Year 5 should be taught to recall and use multiplication and division facts for all multiplication tables up to 12 x 12.

By Year 5, pupils will have already been taught their multiplication tables up to 12 x 12 but this doesn't make continued practice any less important. In year 5, pupils will use Times Tables Rock Stars to close gaps in areas of their multiplication tables knowledge they are still insecure in, as well as consolidating what they have previously learned. This will help pupils to continue to build their confidence in quick recall of multiplication tables, have a positive impact in applying this knowledge fluently in other areas of Maths and is good preparation for the Year 6 SATs.

Using Times Tables Rock Stars at home

Times Tables Rock Stars can be accessed on most devices (desktop computers, laptops, tablets & mobile phones) through their web browser or downloadable app.

Each pupil has their own unique log in, which will be provided. Once the web browser/app has been opened, pupils will need to:

- Click 'log in'
- Click 'school'
- Click 'student'
- Type in the name of the school and select 'Oakham Primary School'
- Enter their username
- Enter their password

On the screen, pupils will see the following options:

	Playable game modes
	How many coins they have to spend on a customisable avatar
	Upcoming tournaments/competitions set by the teacher
	Other pupils in their Maths group
	Account information

Game Modes

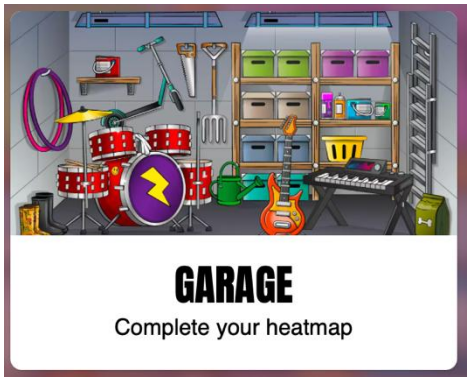
In Year 5, pupils will have open access to all single and multiplayer game modes on Times Tables Rock Stars. However, their main aim is to increase their 'Rock Status' in the 'Studio' game mode.



In this mode, pupils can select the multiplication tables they want to practice, how many questions they want to attempt and whether they want to practice multiplication, division or a mixture of both.

The challenge is to then answer the given questions correctly as quick as possible by selecting their answer and clicking the 'green tick'.

Doing this will earn them coins to spend on their avatar.



In this mode, the teacher will select the multiplication tables they want the pupils to practice, with a different focus each half term.

Pupils will have 3 minutes to answer as many multiplication & division questions as possible, earning coins for correct answers to spend on their avatar.

Completing this will generate a 'Heat Map', where pupils and teachers can see how long on average it took to answer each question, with the aim of doing it as quick as possible to turn them all green.

The game's algorithm will automatically present questions the pupils need more practice with.



This game mode is a monthly challenge.

Pupils will have 5 minutes to answer up to 100 multiplication questions based on all multiplication tables, earning coins for correct answers to spend on their avatar.

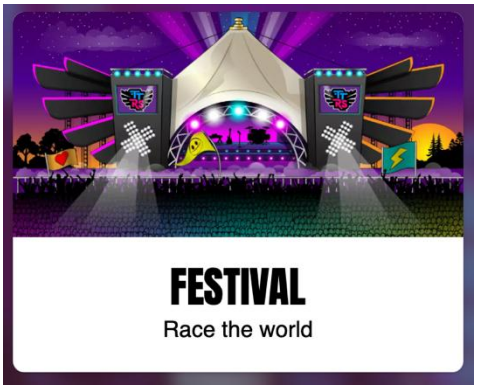
Teachers and pupils can track their progress and try and improve their score each month.



In this game mode, pupils earn their ‘Rock Status’, which is based on their studio speed. The faster they are, the better their status.

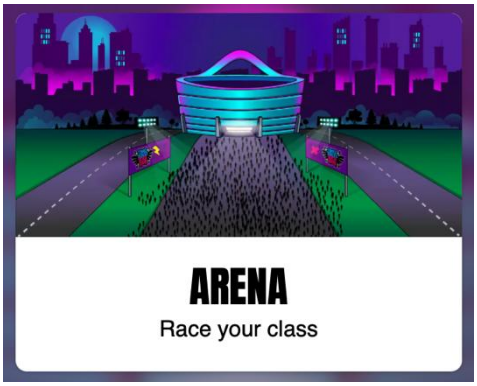
Pupils will have 1 minute to answer as many multiplication and division questions from all multiplication tables. Their speed and ‘Rock Status’ is calculated by their 10 most recent Studio games. They earn coins for correct answers to spend on their avatar.

The aim is to have the best ‘Rock Status’ (average speed) in their class, year group or even across the school!



In this multiplayer game mode, pupils compete against other users from around the world.

Pupils will have 1 minute to answer as many multiplication and division questions from all multiplication tables, earning coins for correct answers to spend on their avatar.



In this multiplayer game mode, pupils compete against other pupils in school who are in the same game mode at the same time. Most suited to sessions set up to take place in school.

Pupils will have 1 minute to answer as many multiplication and division questions from all multiplication tables, earning coins for correct answers to spend on their avatar.



In this multiplayer game mode, pupils challenge one other pupil in school, setting a score for them to beat.

Pupils will have 1 minute to answer as many multiplication and division questions from all multiplication tables, earning coins for correct answers to spend on their avatar.

Expectations

Times Tables Rock Stars recommends a 'little and often' approach; 3 minutes practice a day, 4 or 5 times a week is a good target.

Sessions on Times Tables Rock Stars will also be built into Maths lessons in school throughout the year.

Tournament Weeks

For one week per half term, the pupils will take part in a 'Battle of the Bands' tournament. Here, classes/groups of pupils will take part in a competitive competition to try and answer as many correct questions as possible, which contribute towards their team's total. Any questions they get correct on any of the above game modes will contribute to the total.

Celebrating Success

As per Oakham Primary School's 'Home-School Agreement', there is the expectation that pupils engage with their home learning and we aim to celebrate pupils' success and efforts when they do.

Classroom Displays:
Each classroom will have a display, showing each pupil's 'Rock Status' (average speed answering questions). The quicker pupils are, the higher their 'Rock Status', earning House Points and certificates as they progress.

Going Green:
If pupils haven't done so already in Year 4, they will be aiming to improve their scores on their heat map in the 'Garage' game mode and turn their heat map green. Doing so will earn them a 'Gone Green' certificate.

Tournament Week:
House Points will be given to pupils who contributed to the winning team in the half-termly 'Battle of the Bands' tournament, with certificates given to the top three 'Most Valuable Players' in each team. Tournament results will also be displayed on our 'Battle of the Bands' corridor display.

Rock Hero:
Each half term, pupils will have the opportunity to earn a 'Rock Hero' certificate and badge awarded in our Praise Assembly. This will be awarded by the teacher to a pupil who has had high engagement, success or made progress with their multiplication tables on Times Tables Rock Stars. Photos of the pupils will also be displayed on our 'Rock Hero' corridor display.