



Maths Circle Ltd



Times Tables Rock Stars can be played via a browser or app



Maths Circle are proud recipients of a Queen's Award for Enterprise for Innovation 2020

The team at Maths Circle are delighted to receive The Queen's Award for Enterprise for Innovation in recognition of their award-winning maths education programme, Times Tables Rock Stars.

Created by a maths teacher ten years ago to solve the perennial problem of young people not knowing their times tables, Times Tables Rock Stars (TTRS) has now become a household name, with over three million children playing it all across the world.

Impact

Available offline and online, TTRS successfully gamifies times tables in order to equip young people with secure numeracy and arithmetic skills and engender a confidence in maths that transfers from basic times tables recall to wider maths.

Engaging

Children are immersed in a fast-paced, fun-filled rock star world while practicing their times tables to rock music.



Children can play both at home and at school

Pupils enjoy creating rock avatars, progressing up the leaderboard to become a 'Rock Hero', and spending virtual coins earned for correct answers on accessories for their avatars. There are six rock-themed game modes, including multi-player games which allow pupils to play against their classmates (or other children across the world) with their identities protected behind fictional 'rock names'.

TTRS isn't just a game; it creates a positive attitude towards maths. Schools embrace the rock star theme by dressing up like rock stars for assembly and running 'battle of the bands' competitions. Competitive Rock Wrangle events - where schools send their fastest students to compete for the title of "fastest of the fast" - are also run across the UK. Simply put, Times Tables Rock Stars makes maths fun.

Innovation

The system - used by over 15,000 schools and 30,000 families in over 100 countries - uses artificial intelligence based on a tested algorithm to tailor the questioning and learning to the child, adapting to their progress and building their confidence.

Designed by a teacher for teachers, TTRS unsurprisingly provides exactly what teachers need to make life easier for them. Teachers can access valuable data on the performance of their pupils, which helps them celebrate success with custom leaderboards and auto-populated certificates. Teachers can use the interactive learning tools to teach times tables in a variety of ways in their classroom, and homework for an entire school for the whole year can be set in under 30 seconds.

Next Steps

Maths Circle has used its expertise in maths mastery and incorporated the same innovation, sound pedagogy



A live "Rock Wrangle" final at an inter-school times tables competition

and memory-building routines inherent within TTRS to create NumBots, a new programme which covers addition, subtraction and number bonds.

Mission

The Maths Circle team, based in Bedford, is passionate about making a difference by igniting a love of maths in young people. The team's mission is for every child to leave school saying they are good at maths.

CEO Bruno Reddy comments: "We're extremely proud and honoured to win the Queen's Award and be recognised alongside the very best in British business. It is a wonderful recognition of the impact that Times Tables Rock Stars is having on children's maths confidence worldwide."

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