

Year 4 multiplication check workshop



Everyday examples of times table use...



Laying the table for guests



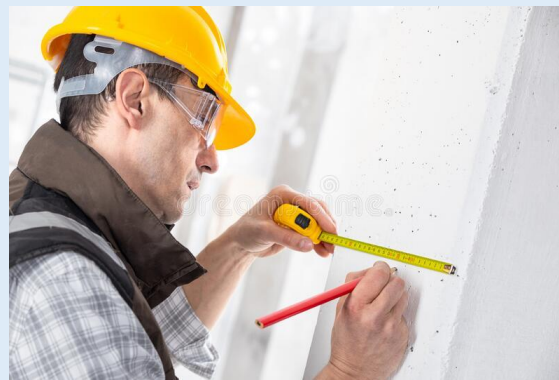
Calculating cost



During the food shop



Cooking/baking



Taking measurements



Calculating travel fares

National times table expectations

Year group	Expectation
Year 1	Count in multiples of 2, 5 and 10 . Recall and use all doubles to 10 and corresponding halves.
Year 2	Recall and use multiplication and division facts for the 2, 5 and 10 times tables including recognising odd and even numbers .
Year 3	Recall and use multiplication and division facts for the 3, 4 and 8 times tables.
Year 4	Recall and use multiplication and division facts for tables up to 12 x 12 .

The Multiplication Table Check (MTC)



- *The purpose of the check is to see whether Year 4 pupils can recall multiplication tables up to 12x12 fluently (as outlined in the National Curriculum).*
- *The DfE set up the check to allow teachers a chance to identify children who need additional help with times tables to stop them from falling behind their peers as they move into years 5 and 6.*

The Multiplication Table Check (MTC)



- *The Multiplication Tables Check (MTC) can take place during a 2-week period from Monday 5th June 2023.*
- *Children will have the option to complete the check on a laptop or iPad – they have 6 seconds to answer a series of 25 questions.*
- *Soundcheck on TTRS mimics the test very closely.*

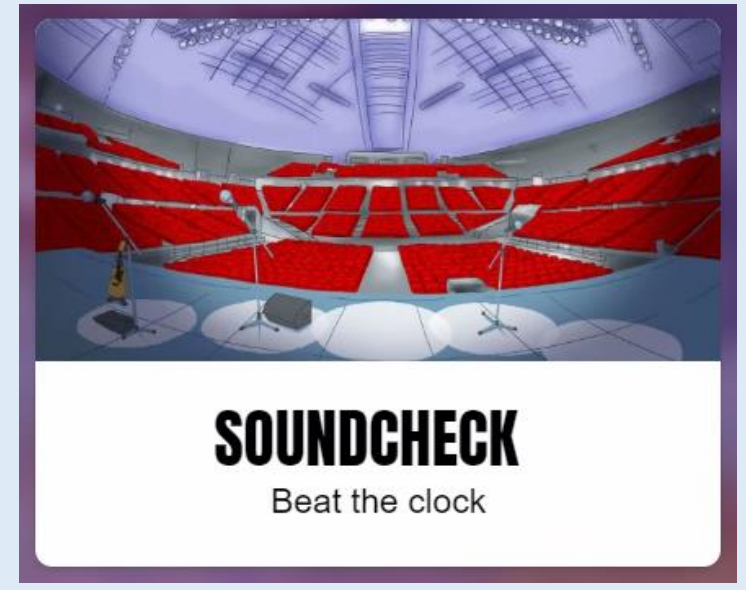
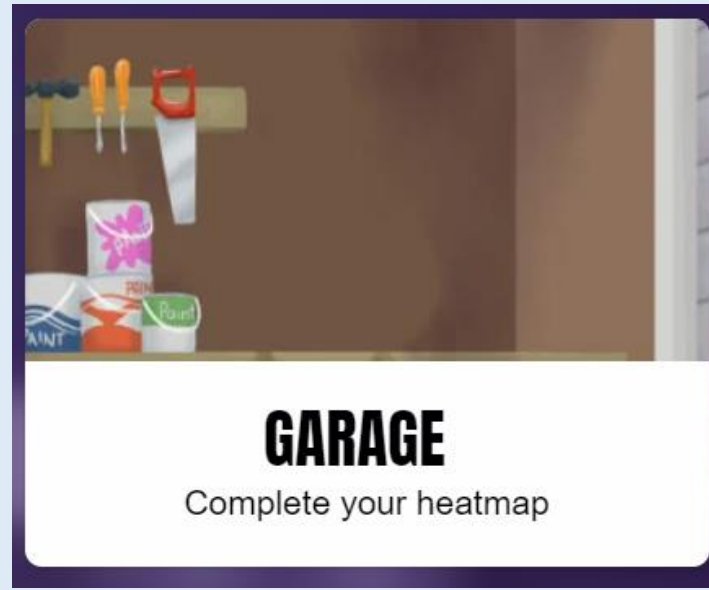
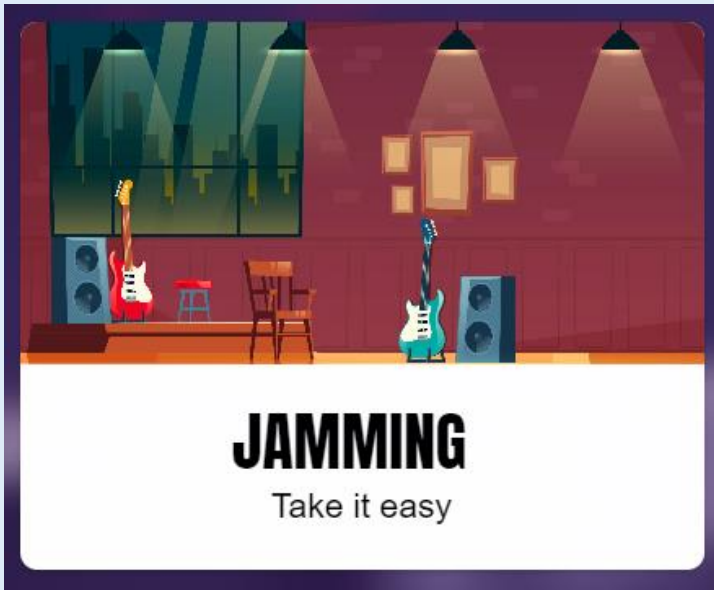


TIMES TABLES ROCK STARS



<https://trockstars.com/>

TTRS has different modes/games which can be used to help work on times table knowledge in general, as well as help the children to prepare for the multiplication check itself. The next slide has more information on this.



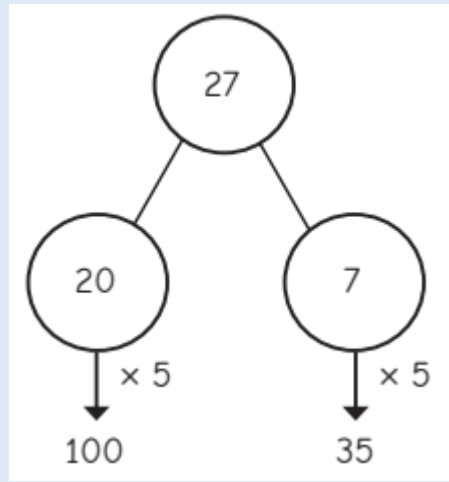
The Jamming mode allows the children to choose which times tables they specifically want to work on. This is great for focusing on the times tables they find the most challenging.

Using garage produces a 'heatmap' which shows the specific calculations a child finds easiest/most difficult. It is really helpful for tracking progress and identifying gaps in knowledge/specific tables.

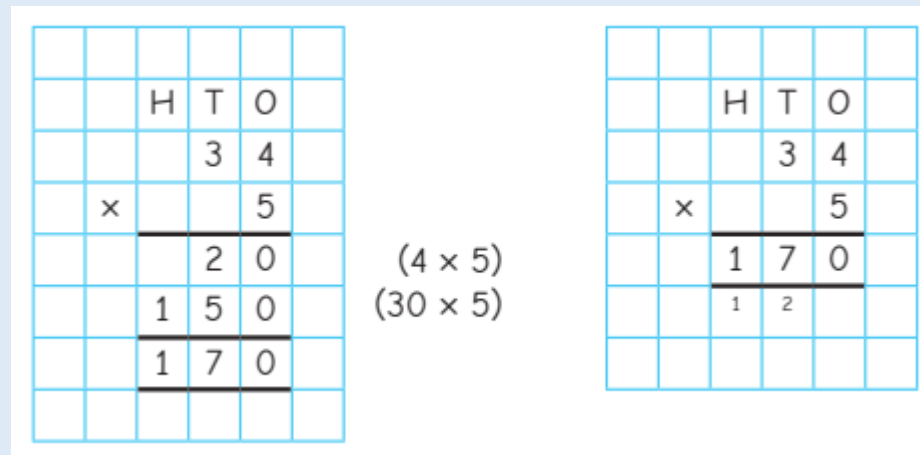
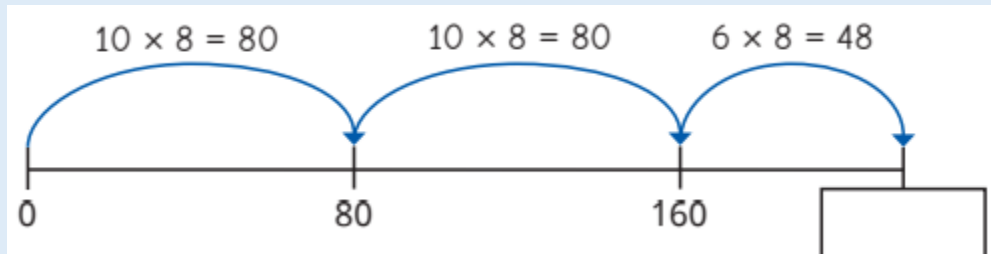
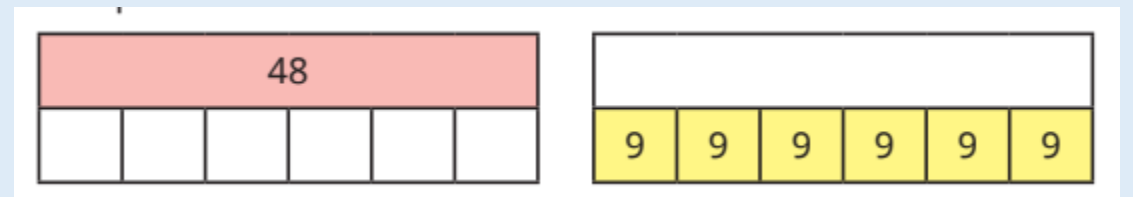
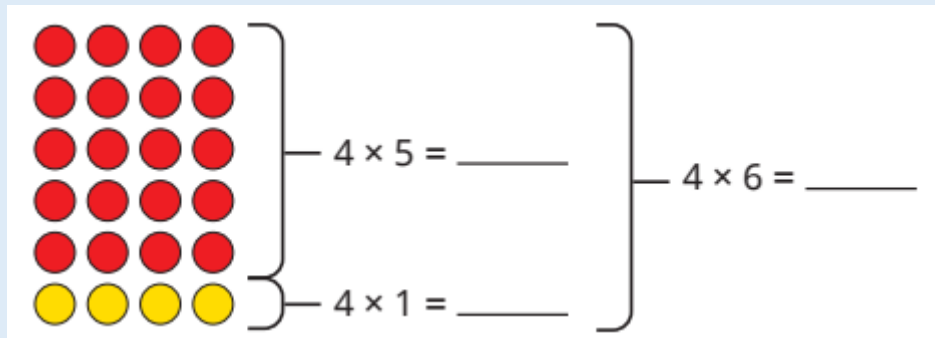
Soundcheck closely mimics the layout of the multiplication check itself. It gives the children 6 seconds to answer 25 questions and is the best mode for preparing for the actual multiplication check.

Multiplication methods:

These are a selection of different representations we use to work out multiplication problems. Each of them helps partition the whole number to make it easier to complete the calculation.



Tens	Ones



← The end goal is to use this method for all multiplication problems.

If you have any questions, please email y3y4teachers@fulbourn.cambs.sch.uk or speak to one of us at the classroom door. We are always happy to help.

