

## Times Tables Rockstars

As part of our drive to ensure all children become and remain fluent in their times tables, we encourage them to use TTRS (Times Tables Rockstars) app both at home and at school. This app allows your child to practice their tables in a timed setting and maps their progress and accuracy with all times tables up to 12 x 12. The app produces a Heatmap for each child. The heatmap shows them (and you) how quickly they're correctly responding to each fact.

Heatmaps start coloured grey and as your child plays in all the different game modes (all except Jamming because Jamming doesn't have a timer) their Heatmap will be colour-coded to show their speed. An average of the last 10 times they answered that fact. Here's the colour key:



A dark red shows that in their last 10 attempts of the fact, they answered in over 10 seconds. A dark green shows that in their last 10 attempts of the fact, they answered in under 1 second.

Below is an example of a heatmap. The colours reflect how quickly the student is responding on average.

Class Average per Fact (Heatmap)											
How quickly can the class correctly recall each fact up to 12x12?											
2-12x	2-20x	heatmap as of 08 Oct 2023									
	10	2	5	3	4	8	6	7	9	11	12
10	10 x 10	10 x 2	10 x 5	10 x 3	10 x 4	10 x 8	10 x 6	10 x 7	10 x 9	10 x 11	10 x 12
2	2 x 10	2 x 2	2 x 5	2 x 3	2 x 4	2 x 8	2 x 6	2 x 7	2 x 9	2 x 11	2 x 12
5	5 x 10	5 x 2	5 x 5	5 x 3	5 x 4	5 x 8	5 x 6	5 x 7	5 x 9	5 x 11	5 x 12
3	3 x 10	3 x 2	3 x 5	3 x 3	3 x 4	3 x 8	3 x 6	3 x 7	3 x 9	3 x 11	3 x 12
4	4 x 10	4 x 2	4 x 5	4 x 3	4 x 4	4 x 8	4 x 6	4 x 7	4 x 9	4 x 11	4 x 12
8	8 x 10	8 x 2	8 x 5	8 x 3	8 x 4	8 x 8	8 x 6	8 x 7	8 x 9	8 x 11	8 x 12
6	6 x 10	6 x 2	6 x 5	6 x 3	6 x 4	6 x 8	6 x 6	6 x 7	6 x 9	6 x 11	6 x 12
7	7 x 10	7 x 2	7 x 5	7 x 3	7 x 4	7 x 8	7 x 6	7 x 7	7 x 9	7 x 11	7 x 12
9	9 x 10	9 x 2	9 x 5	9 x 3	9 x 4	9 x 8	9 x 6	9 x 7	9 x 9	9 x 11	9 x 12
11	11 x 10	11 x 2	11 x 5	11 x 3	11 x 4	11 x 8	11 x 6	11 x 7	11 x 9	11 x 11	11 x 12
12	12 x 10	12 x 2	12 x 5	12 x 3	12 x 4	12 x 8	12 x 6	12 x 7	12 x 9	12 x 11	12 x 12

Becoming more fluent in each timetable helps your child with every aspect of their maths and we are keen for children to practice in as many ways as possible both at home and at school. As the children continue to become more fluent, they can achieve certificates to recognize their achievements from school both in their timetables and then in applying their fluency to different aspects of the maths curriculum. Please continue to support your child with daily practice at home and if you have any questions, your teacher will be more than happy to help.