Year 4 Multiplication Tables Check (MTC)

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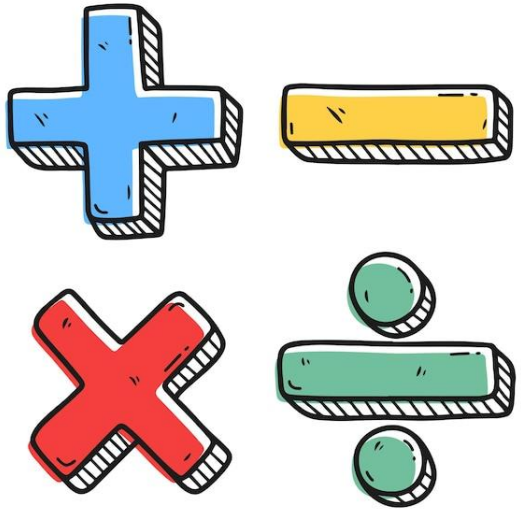
What is the Multiplication Check?

- The Multiplication Tables Check is a statutory assessment which all children in Year 4 are required to take.
- The aim of the multiplication check is to determine whether Year 4 pupils can recall their multiplication tables up to 12 x 12 fluently as outlined in the National Curriculum.
- The multiplication check is designed to help schools identify which children require more support to learn their times tables.
- There is no ‘pass’ rate or threshold which means that, unlike the Phonics Screening Check, children will not be expected to re-sit the check.



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Department for Education

The DfE state that the motivation behind the multiplication check is purely to allow teachers a chance to identify children who need some more help with their times tables to stop them from falling further behind their peers as they move up to Year 5 and then Year 6.

https://www.youtube.com/watch?v=ct5cDctLVTI

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How is the multiplication check administered?

- The assessment period is a 3 week window between Monday 2 June and Friday 13 June 2025.
- There is no set day to administer the check and children are not expected to take the check at the same time.
- All eligible Year 4 children in England will be required to take the check.
- Children in Year 4 will participate in the Multiplication tables check whilst at school in small groups. They will be using Chromebooks to answer the questions.
- There are of 25 times tables questions (no division facts). Your child will answer 3 practice questions before moving on to the official check.
- They will then have 6 seconds to answer each question.

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How is the multiplication check administered?

- Children in Year 4 will participate in the Multiplication tables check whilst at school in small groups. They will be using Chromebooks to answer the questions.
- The check will be fully digital.
- Answers will be entered by pressing digits using a mouse.
- Usually, the check will take less than 5 minutes for each child.
- The children will have 6 seconds from the time the question appears to answer each question.
- There will be a total of 25 questions. There is a 3 second pause in-between questions.
- There will be 3 practice questions before the check begins.

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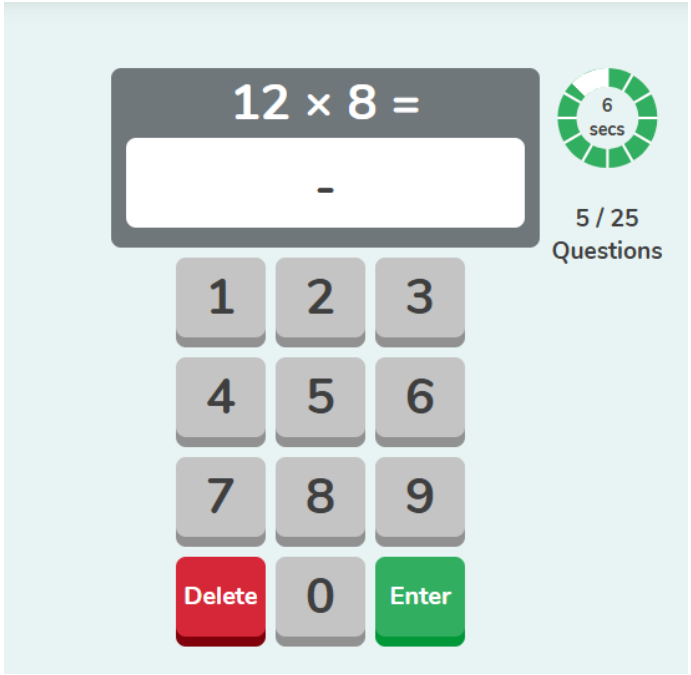
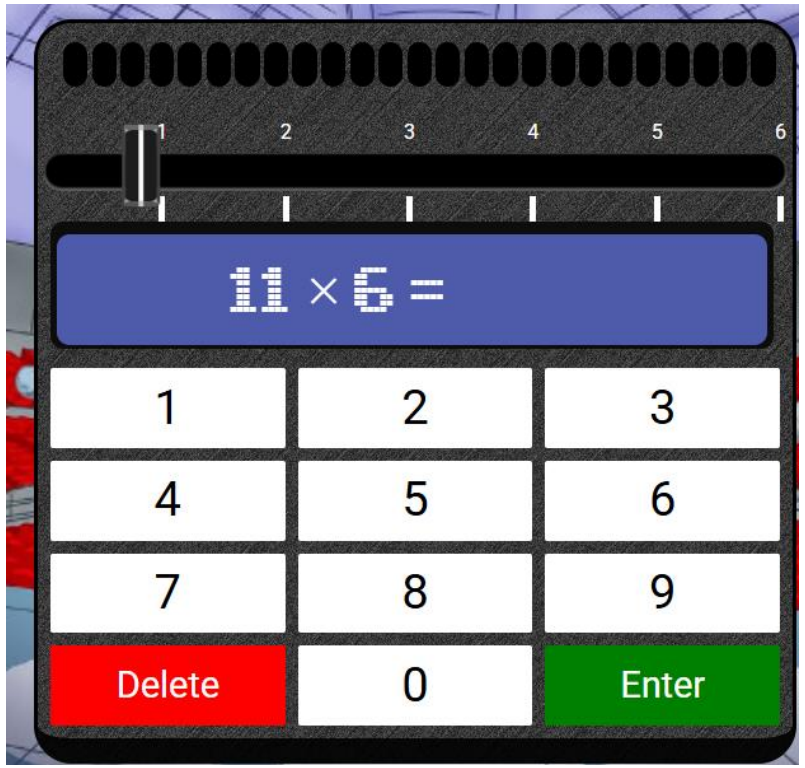


https://www.purplemash.com/#app/games/timestables_assessment



https://play.ttrockstars.com/ttrs/online/gamel/home/soundcheck

https://mathsframe.co.uk/en/resources/resource/477/Multiplication-Tables-Check

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How is the multiplication check administered?

- Each child will be randomly assigned a set of questions.
- There will only be multiplication questions in the check, not division facts.
- The 6, 7, 8, 9 and 12 times tables are more likely to be asked (because these have been determined to be the most difficult multiplication tables!)
- Reversal of questions (e.g. 8 x 6 and 6 x 8) will not be asked in the same check.
- Children will not see their individual results when they complete the check.

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What if my child does not achieve full marks?

- The multiplication check will serve as a measure of how well children understand and can recall their times table knowledge.
- Any child who does not achieve full marks in the multiplication check, will receive further additional support plug any gaps in their times table knowledge in Years 5 and 6.
- The multiplication check will serve as a helpful tool for teachers and schools in identifying children with gaps in their mathematical knowledge

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What are we doing in school to prepare?

- Times tables are taught every day as part of your child's maths lesson.
- All children have access to a Times Table Rockstars account. This includes excellent online games where children are encouraged to practice their tables in a competitive way against peers, themselves or other members of the school
- Times table games are played throughout the week.
- Times tables are used creatively and embedded through our day-to-day classroom practice. For example, when answering the register, the children answer a times tables question

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How to prepare your child for the check:

- Remind them that the check should last no more than 5 minutes.
- Ask quick fire questions such as “What’s 7 x 8?”
- Learn the tricks for difficult times tables
- Multiplication grids and flash cards
- Use times table wall charts and posters
- Supermovers (BBC Bitesize)
- Practice reciting times tables by rote (4 times 1 is 4, 4 times 2 is 8, etc)
- Use Times Table Rock Stars regularly.
- Make times tables fun!
    - Climb the stairs counting in multiples
    - Play time tables games verbally.
    - Listen and sing along to times tables songs.
    - Take it in turns to say times tables in funny voices.
    - Play maths games online or on apps.

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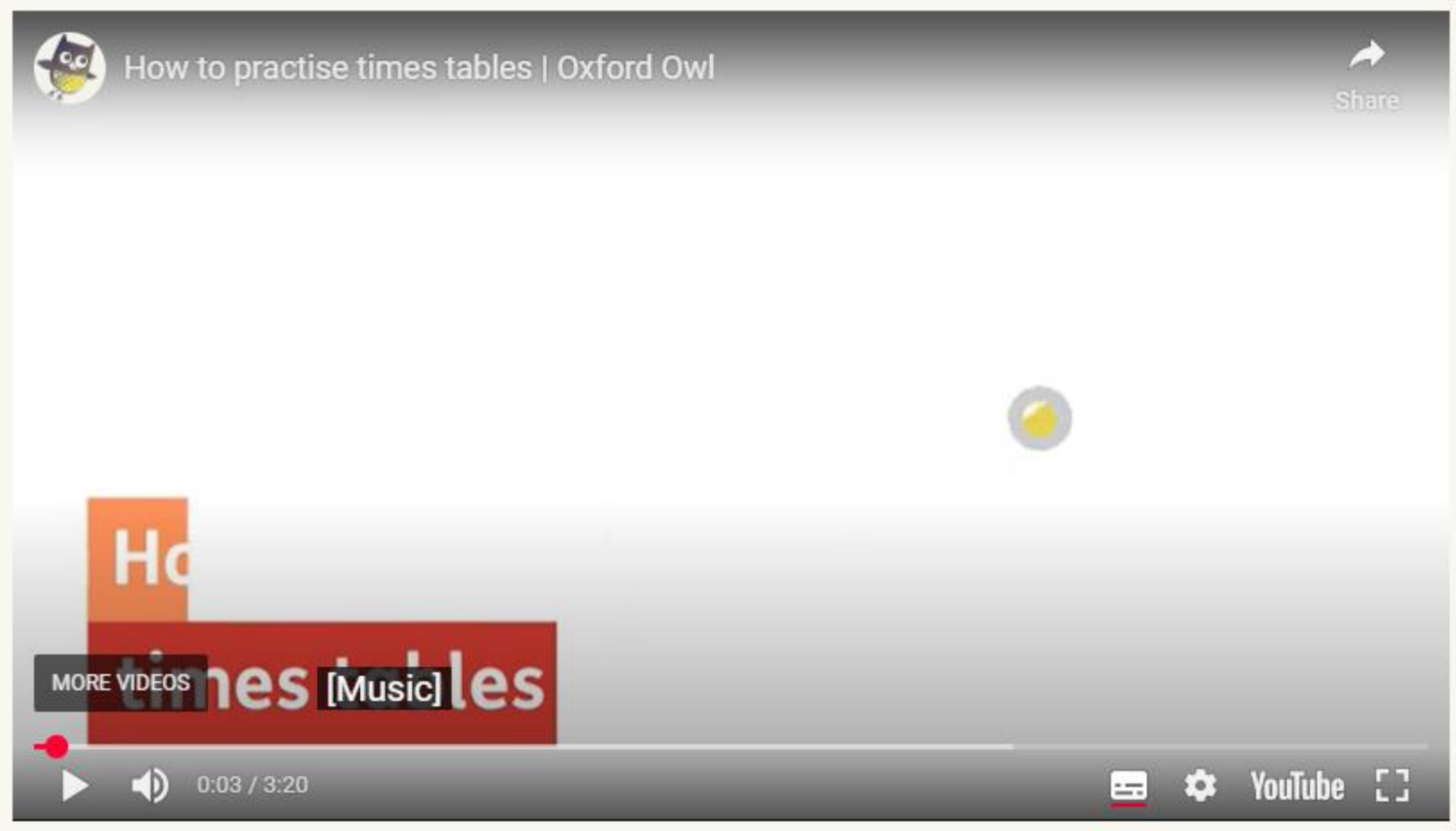
Resources to support at home:



https://home.oxfordowl.co.uk/maths/primary-multiplication-division/help-with-times-tables/

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Resources to support at home:

1 one

1 x 1 = 1
2 x 1 = 2
3 x 1 = 3
4 x 1 = 4
5 x 1 = 5
6 x 1 = 6
7 x 1 = 7
8 x 1 = 8
9 x 1 = 9
10 x 1 = 10
11 x 1 = 11
12 x 1 = 12

2 two

1 x 2 = 2
2 x 2 = 4
3 x 2 = 6
4 x 2 = 8
5 x 2 = 10
6 x 2 = 12
7 x 2 = 14
8 x 2 = 16
9 x 2 = 18
10 x 2 = 20
11 x 2 = 22
12 x 2 = 24

3 three

1 x 3 = 3
2 x 3 = 6
3 x 3 = 9
4 x 3 = 12
5 x 3 = 15
6 x 3 = 18
7 x 3 = 21
8 x 3 = 24
9 x 3 = 27
10 x 3 = 30
11 x 3 = 33
12 x 3 = 36

4 four

1 x 4 = 4
2 x 4 = 8
3 x 4 = 12
4 x 4 = 16
5 x 4 = 20
6 x 4 = 24
7 x 4 = 28
8 x 4 = 32
9 x 4 = 36
10 x 4 = 40
11 x 4 = 44
12 x 4 = 48

5 five

1 x 5 = 5
2 x 5 = 10
3 x 5 = 15
4 x 5 = 20
5 x 5 = 25
6 x 5 = 30
7 x 5 = 35
8 x 5 = 40
9 x 5 = 45
10 x 5 = 50
11 x 5 = 55
12 x 5 = 60

6 six

1 x 6 = 6
2 x 6 = 12
3 x 6 = 18
4 x 6 = 24
5 x 6 = 30
6 x 6 = 36
7 x 6 = 42
8 x 6 = 48
9 x 6 = 54
10 x 6 = 60
11 x 6 = 66
12 x 6 = 72

7 seven

1 x 7 = 7
2 x 7 = 14
3 x 7 = 21
4 x 7 = 28
5 x 7 = 35
6 x 7 = 42
7 x 7 = 49
8 x 7 = 56
9 x 7 = 63
10 x 7 = 70
11 x 7 = 77
12 x 7 = 84

8 eight

1 x 8 = 8
2 x 8 = 16
3 x 8 = 24
4 x 8 = 32
5 x 8 = 40
6 x 8 = 48
7 x 8 = 56
8 x 8 = 64
9 x 8 = 72
10 x 8 = 80
11 x 8 = 88
12 x 8 = 96

9 nine

1 x 9 = 9
2 x 9 = 18
3 x 9 = 27
4 x 9 = 36
5 x 9 = 45
6 x 9 = 54
7 x 9 = 63
8 x 9 = 72
9 x 9 = 81
10 x 9 = 90
11 x 9 = 99
12 x 9 = 108

10 ten

1 x 10 = 10
2 x 10 = 20
3 x 10 = 30
4 x 10 = 40
5 x 10 = 50
6 x 10 = 60
7 x 10 = 70
8 x 10 = 80
9 x 10 = 90
10 x 10 = 100
11 x 10 = 110
12 x 10 = 120

11 eleven

1 x 11 = 11
2 x 11 = 22
3 x 11 = 33
4 x 11 = 44
5 x 11 = 55
6 x 11 = 66
7 x 11 = 77
8 x 11 = 88
9 x 11 = 99
10 x 11 = 110
11 x 11 = 121
12 x 11 = 132

12 twelve

1 x 12 = 12
2 x 12 = 24
3 x 12 = 36
4 x 12 = 48
5 x 12 = 60
6 x 12 = 72
7 x 12 = 84
8 x 12 = 96
9 x 12 = 108
10 x 12 = 120
11 x 12 = 132
12 x 12 = 144

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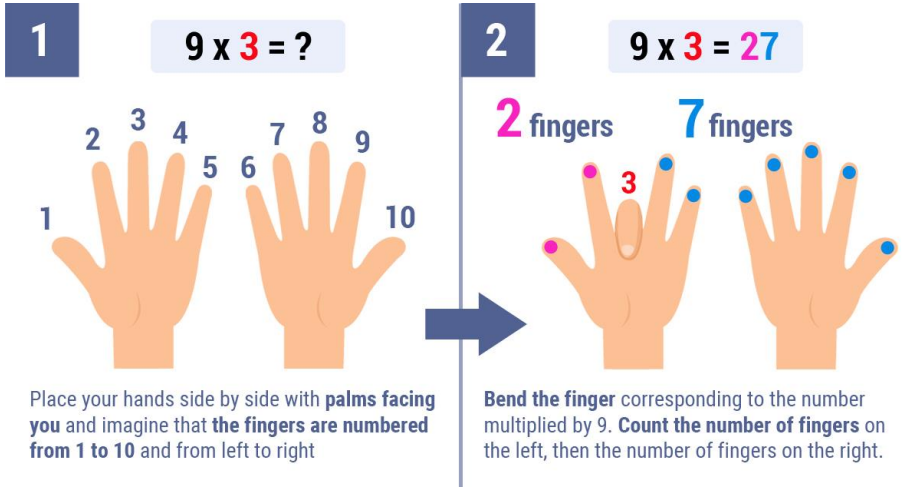

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