

# Multiplication Table Check (MTC)

## Key information:

By the end of Year 4, children will be expected to be fluently recall multiplication and division facts up to 12x12.

Children will be expected to answer 25 questions (drawn from across the tables) using an online testing system.

They will not be tested on the 1x table.

There is an emphasis on the 6, 7, 8, 9 and 12 multiplication tables.

## Key dates:

The check will take place over a three-week period starting from 8<sup>th</sup> June 2020.

The school will choose when the test is administered over this period.

## How will they be tested?

- Children will take the test online.
- Children are expected to answer 25 random questions.
- They have 6 seconds to answer each question.
- Between each question they get 3 seconds break before the next question appears.
- The test should take no more than 5 minutes.

Multiplication Table	Minimum number of items in each form	Maximum number of items in each form
1	Not applicable	Not applicable
2	0	2
3	1	3
4	1	3
5	1	3
6	2	4
7	2	4
8	2	4
9	2	4
10	0	2
11	1	3
12	2	4

## What are we doing in schools to help?

- We practise multiplication tables every day and test them at the end of the week.
- We use TT Rockstars to help children practise their tables.
- We will be introducing additional multiplication table activities and games for all pupils.
- We are introducing Sparx (an online practice tool) for Year 4 children.
- We will be sending multiplication tables home every Friday after the Christmas break as additional practise.
- We will be testing tables online in test conditions to prepare the children.

## How can you help at home?

- Help your children learn the tables that we send home for them to practise.
- Encourage your children to use TT Rockstars to practise their tables.
- Help your children practise and learn any tables that they are struggling with.
- Play multiplication games with them.
- Put multiplication tables around the house, where your child/ren can see them.
- Practise chanting times table in the car together.

## Websites:

- [www.topmarks.co.uk](http://www.topmarks.co.uk)
- Hit the Button
- Coconut Multiples
- Maths Fishing
- Times Tables Grid
- [www.timetables.co.uk](http://www.timetables.co.uk)
- Times Tables Shooting
- Times Tables Memory
- Spuq Balloons
- Times Tables Rally
- TT Rockstars
- BBC Super Movers

## Useful tips:

- Stick to one table at a time to minimise confusion.
- Start with chanting and writing them out slowly in order.
- Then move on to completing the answers quickly in order - on paper or verbally with your child.
- Finally, move on to completing the answers in any order.
- Keep reminding your child that  $3 \times 4$  is the same as  $4 \times 3$  - this effectively halves the number of tables facts.
- Each table has a square number  $3 \times 3$ ,  $7 \times 7$  etc. These are special numbers that can act as a memory hook - emphasise them!
- Talk about the numbers as you are encountering them " $5 \times 7 = 35$  that's our house number" - this makes more memory hooks.

x	1	2	3	4	5	6	7	8	9	10	11	12
1	1	2	3	4	5	6	7	8	9	10	11	12
2	2	4	6	8	10	12	14	16	18	20	22	24
3	3	6	9	12	15	18	21	24	27	30	33	36
4	4	8	12	16	20	24	28	32	36	40	44	48
5	5	10	15	20	25	30	35	40	45	50	55	60
6	6	12	18	24	30	36	42	48	54	60	66	72
7	7	14	21	28	35	42	49	56	63	70	77	84
8	8	16	24	32	40	48	56	64	72	80	88	96
9	9	18	27	36	45	54	63	72	81	90	99	108
10	10	20	30	40	50	60	70	80	90	100	110	120
11	11	22	33	44	55	66	77	88	99	110	121	132
12	12	24	36	48	60	72	84	96	108	120	132	144