Multiplication Tables Check 2022

Why are children taking this test?

The Department for Education have said that the Multiplication Tables Check :

- is an online assessment

- is designed to determine whether pupils can fluently recall their multiplication tables up to their 12 times table

- will allow the school to support children who do not yet have the recall of their multiplication tables

Why is the Multiplication Tables Check being introduced?

Multiplication facts underpin a lot of maths knowledge, e.g.:

- Division
- Fractions
- Percentages
- Multiplication
- Number sequences

What will the Multiplication Tables Check look like?

- The check will take place during three-week period starting

  on **Monday 6 June**.

- The test will take place on an iPad, chrome book or computer

- There will 3 practise questions

- 25 questions

- 6 seconds per question

- Questions will be generated randomly

What will the Multiplication Tables Check look like?

- Commutative questions will not appear e.g. if you are asked 7 x 9 you will not get 9 x 7 too

- 6, 7, 8, 9 and 12 multiplication table questions will be asked most frequently

- There is no pass mark — the DFE will report the number of children who achieve 25 out of 25.

Our aims

- Children to have an immediate recall of the tables in any order (fluency)

- Children to immediately switch a table around to answer it

e.g. 12 x 8   8 x 12

- Children to be secure in navigating a device so they can answer the question when they know it.

What are we doing at school to help the children prepare?

- Times Tables Rock Stars regularly. (Soundcheck)
- Written test 'Mad Minutes' weekly
- Focus times table of the week
- Times Table homework (learning each table in order, then out of order)

- Games played during the school day

What can you do to support your child?

- **Chant** the whole table when practising, e.g. 7 x 3 is 21. (chant, chant, chant!)
- Ensure your child goes on TT **Rockstars daily**.
- Ensure children are **constantly revisiting** their times table facts from previous weeks to ensure they develop fluency in all facts.
- Play **games** with your child to support their recall of times table facts

Ideas for games / Ways to learn and remember tables

- **Play alongside on TTRS.**   Who can answer more questions? Write your answers they play online simultaneously.

- **'Beat the calculator'** Give your child a times table question and see who is quicker to answer – your child OR you on the calculator as you enter the calculation and find the answer.

- **Gladiator – game for 3 players**
Write down all the multiples of a times table (e.g. 9 , 18 27, 36 etc)
'Caller' shouts out the question, e.g. 9 x 9 . First of the 2 players to shout the answer and point at it, wins a point. Continue asking questions until a player scores 5 points.

- **Hit the Button** (online) - https://www.topmarks.co.uk/maths-games/hit-the-button

- **Kinaesthetic tables –** get children jumping, running (relay) or moving in any way they like to recite their tables (including the question e.g. 9 x 6 is 54)

- **Catch!** – children throw a ball to one another and ask a multiplication question as they throw it back, call out the answer.

- **Beat my adult** – who can answer more question in 1 min/30 seconds – keep a tally so you know who is winning.

- **Bingo!** – children write down 6 multiples from a given times table e.g. for the 9 times table they might write down 81, 27 and 36 etc The 'bingo caller' calls out the times table question e.g. 3 x 9 and if child has 27, they cross it out. You could also do this in reverse, write down the question and call out the multiples.

- **Throw the Dice** –throw two dice (or pick out 2 number cards) and call out the answer to the multiplication question show – keep a tally as to who has answered more questions correctly

Rhymes

For those tables which prove tricky to remember, create a rhyme.

I ate and ate til I was sick on the floor
8 x 8 is 64

6 and 7 went to the zoo
6 x 7 is 42

12 and 12 walked through the door,
12 x 12 is 144

6 and 8 went on a date
6 x 8 is 48

6 and 6 like weetabix
6 x 6 is 36

7 and 7 like to dine
7 x7 is 49

Tips and tricks

- Double the answers for 2x table to find 4x table
- Double the answers for 3x table to find 6x table
- Double the answers for 4x table to find 8x table
- To find an answer in the 12x table, split it into 10x and 2 x, e.g. 12 x 7

$$10 \times 7 = 70$$
$$2 \times 7 = 14 \qquad \text{so } 12 \times 7 = 84$$

Tricks and tips

9 x table

- All digits in answer add up to 9

- To find an answer

e.g. 3 x 9

What is 1 less than 3?

2 (this is 1st number in answer)

The second digit will need to be added

to total 9

Therefore it must be 7

2 7

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