# Year 4 Multiplication Check Workshop

# AIMS:

- To have a go at the times tables test and the expectations of all year 4 children.

- To explain how we teach times tables at school

- To explore a range of strategies for teaching times tables at home

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# HOW WE TEACH IT AT SCHOOL

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**Since January, we have been using the Can Do Maths MTC 100 Day Plan to support children to learn their times tables.**

**This involves a video 3 days a week and a 'Check It/Chuck It/Change It sheet.' These are timed**

| Fact | ✓ ✗ | It should be... |
|---|---|---|
| $3 \times 5 = 15$ | | |
| $4 \times 8 = 32$ | | |
| $7 \times 5 = 35$ | | |
| $2 \times 4 = 8$ | | |
| $9 \times 5 = 40$ | | |
| $3 \times 4 = 14$ | | |
| $9 \times 4 = 36$ | | |
| $5 \times 7 = 35$ | | |
| $6 \times 3 = 24$ | | |
| $11 \times 11 = 121$ | | |
| $7 \times 12 = 72$ | | |
| $12 \times 2 = 24$ | | |
| $7 \times 11 = 70$ | | |

| Fact | ✓ ✗ | It should be... |
|---|---|---|
| $2 \times 8 = 18$ | | |
| $12 \times 6 = 72$ | | |
| $8 \times 8 = 56$ | | |
| $6 \times 10 = 60$ | | |
| $9 \times 7 = 63$ | | |
| $11 \times 10 = 111$ | | |
| $6 \times 8 = 48$ | | |
| $12 \times 9 = 118$ | | |
| $8 \times 11 = 88$ | | |
| $7 \times 6 = 42$ | | |
| $3 \times 12 = 38$ | | |
| $8 \times 9 = 72$ | | |

Can Do Maths

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$$8 \times 8 = \boxed{\phantom{00}}$$

# How we teach it at school

We try and encourage children to spot patterns and facts about times tables when we have written them out. We also explain that times tables is like repeated addition.

## Pattern strategies

Adding together the digits + 1 on the tens and − 1 on the ones
All even numbers
Using our fingers

$0 \times 9 = 00$
$1 \times 9 = 09$
$2 \times 9 = 18$
$3 \times 9 = 27$
$4 \times 9 = 36$
$5 \times 9 = 45$
$6 \times 9 = 54$
$7 \times 9 = 63$
$8 \times 9 = 72$
$9 \times 9 = 81$
$10 \times 9 = 90$
$11 \times 9 = 99$
$12 \times 9 = 108$

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# How we teach it at school

Although the multiplication check can be anything from the 1 to 12 times tables, it has a heavier weighting on the 6,7,8, 9 and 12 times tables. To aid with this, we teach these times tables in Y4 specifically and embed that at every

### 5.2.1 Table 1 – Multiplication table limits in the MTC

| 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 |

# ULTIPLICATION CHECK

It will take place in a 2-week window in June. It will be administered between Monday 5ᵗʰ June and Friday 16ᵗʰ June 2023.. There will be 25 questions. Children will have 6 seconds to type in the correct answer on an Ipad before they get a 3 second rest. Children who are on the SEN register do have allowances made.

The weighting of the questions is to the right.

We run mock tests once a term to see where the children are at and to give them chances to practise.

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| 10 | 0 | 2 |
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# IMES TABLES AT HOME

**Strategies:**

- Youtube songs
  https://www.youtube.com/watch?v=8QU_EG tP4
- Twinkl worksheets
- Times tables bingo
- Walking down the stairs (repetition of the times tables)
- Write a question on a banana
- Times tables tennis
- Times tables sheet on the fridge/shower/bedroom door
- Times tables pictures
- Spotting patterns – you know your 6's if you know your 3's etc
- Flashcards of the tricky ones for your child
- Times tables grid

x3

4

2

8

9

# Any questions, please ask!