# Year 4
# Multiplication Tables Check (MTC)

Mrs Lee and Mrs Siviter

18th November 2021

# Aims of the workshop

- To gain a stronger understanding of what the MTC is and what the expectations are
- To understand how, when and why the MTC will be administered
- To achieve a stronger understanding of how multiplication is taught
- To provide you with a range of strategies and websites you can use with your child at home

# What were the times table expectations prior to the MTC?

- Primary school children were expected to know all of their times tables, up to 12x12, by the time they reached Year 6 and they were not formally tested on them other than through multiplication questions in the Year 6 Maths SATS.

# What are the times table expectations now?

- Under the current National Curriculum, children are supposed to know their times tables by the end of Year 4.
- National Curriculum

**Pupils are taught to recall multiplication and division facts for multiplication tables up to 12 × 12**

- The MTC only consists of multiplication facts.

# What is the MTC?

- The MTC was announced in September 2017 to commence in the summer term of 2019-2020.
- All state-funded schools and academies in England are required to administer the MTC.
- All eligible children will have their multiplication skills formally tested in June (3 week window: 6th - 24th).

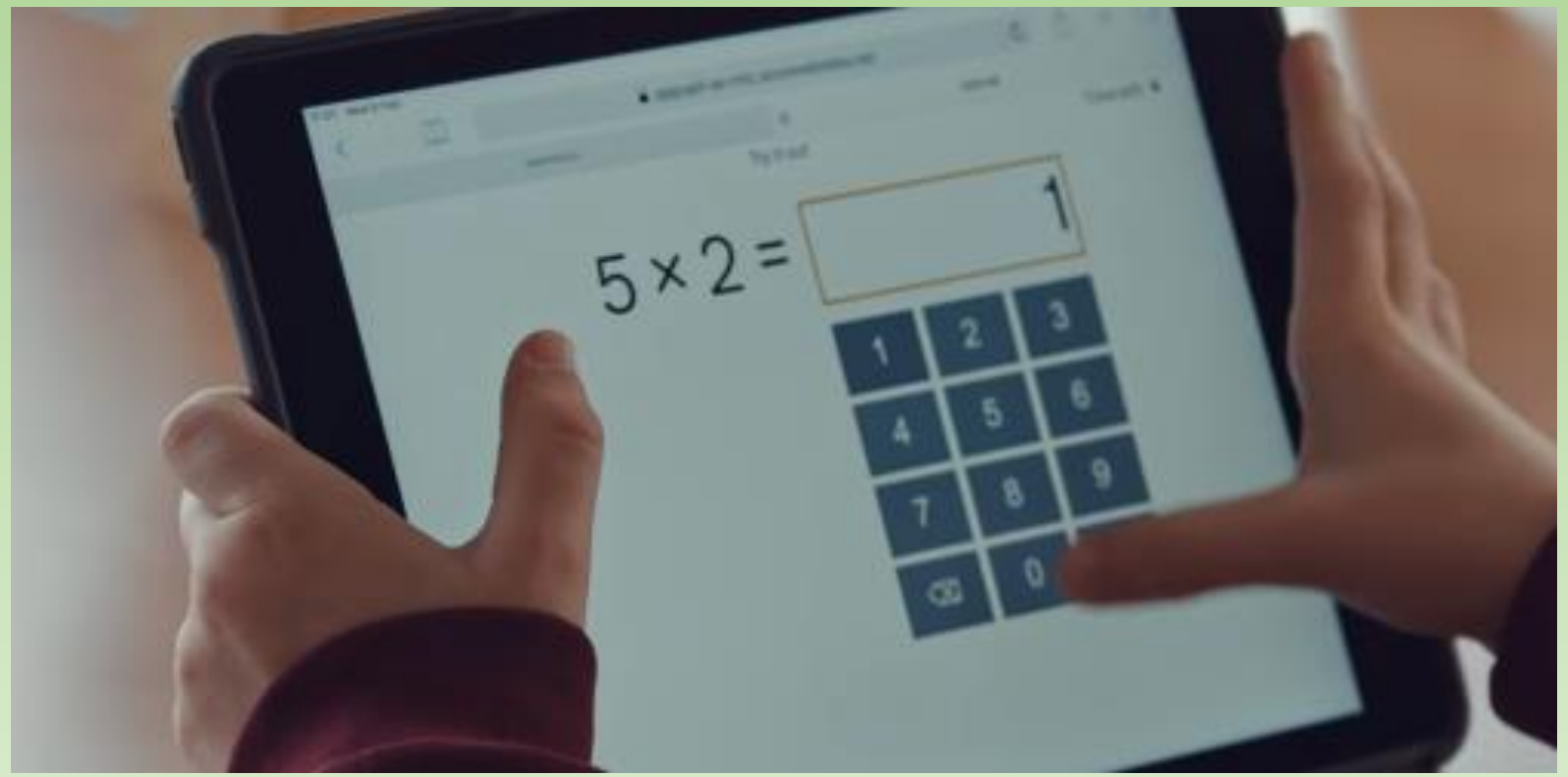
# How will the MTC be administered?

- Teachers can choose how to administer the test – individually, small groups or whole class.
- Children will complete the test using an iPad.
- They will have to answer questions against the clock.
- 25 questions
- 6 seconds per questions
- Children must press enter before the time runs out or their answer will not be counted!
- Each question will be worth one mark
- __ x __ = ____
- The test will last no longer than 5 minutes.

# How will the MTC be administered?

- Questions will be selected from the 121 number facts that make up the **2 – 12 times tables**, with particular **focus on 6, 7, 8, 9 and 12** as they are considered the most challenging.
- Each question will only appear once.
- The children won't be asked to answer reversals (i.e. if they've answered 3 x 4, they won't be asked 4 x 3).
- Once they have inputted their answer, there will be a three second pause before the next question appears.
- There will be three practise questions before the check begins.

# How will the MTC be administered?

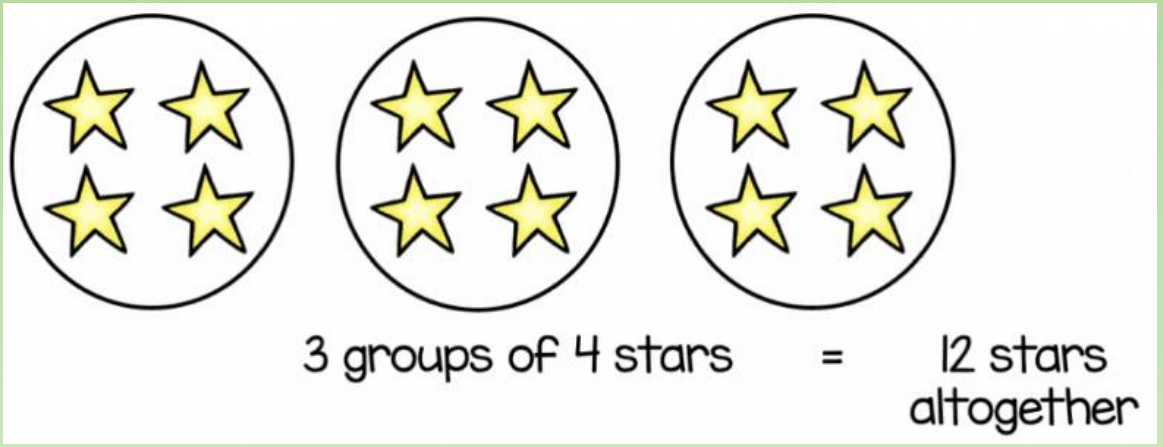


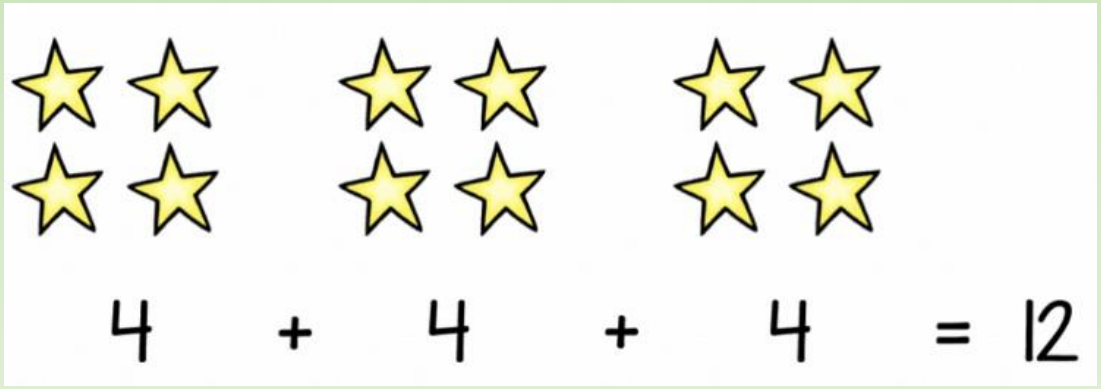
# Scoring of the MTC

- It will be automatically scored and results will be available to schools once the assessment window closes.
- Pupils will not see their individual results after completing the check.
- Schools can see the results from 28th June.
- Children **are not given a pass or fail mark** – the test is designed to give teachers an idea of whether pupils require further support.
- The DfE will create a report to track standards over time.
- National and local authority results will be reported by the DfE to allow schools to benchmark the performance of their pupils.

# How will we prepare for the MTC (KS1)?

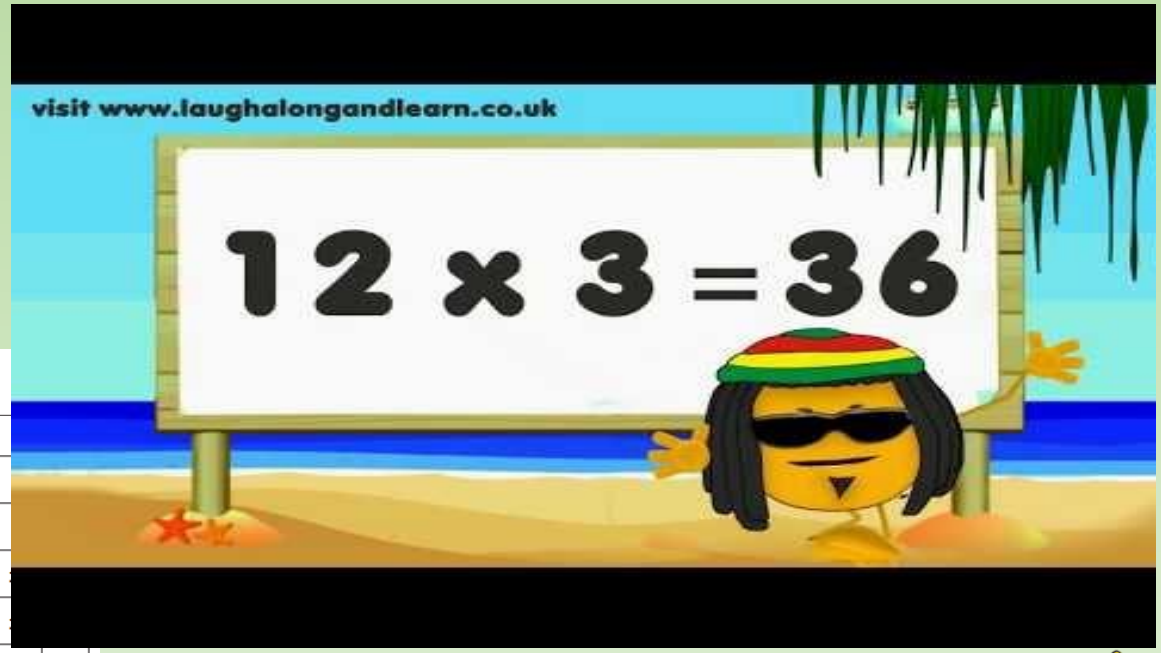
- Teaching times table facts (2, 5 and 10)
  - Counting in 2s, 5s and 10s
  - Looking for patterns
  - Repeated addition
  - Pictures
  - Arrays
  - Bar models
  - Number families (commutative law)

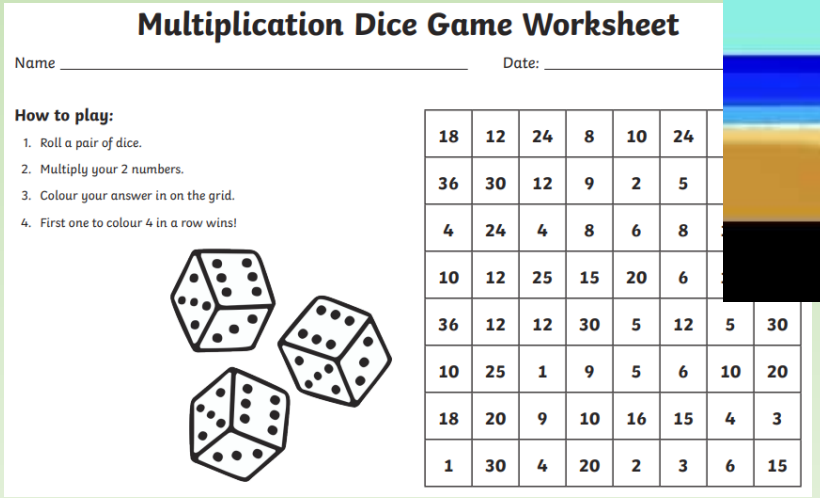


# How will we prepare for the MTC (LKS2)?

- Learn new multiplication facts (similar to KS1)
- Daily recall tasks
- Multiplication games
- Times Table Rockstars
- Songs
- Practise online – 19th April



**Multiplication Dice Game Worksheet**

Name _____ Date: _____

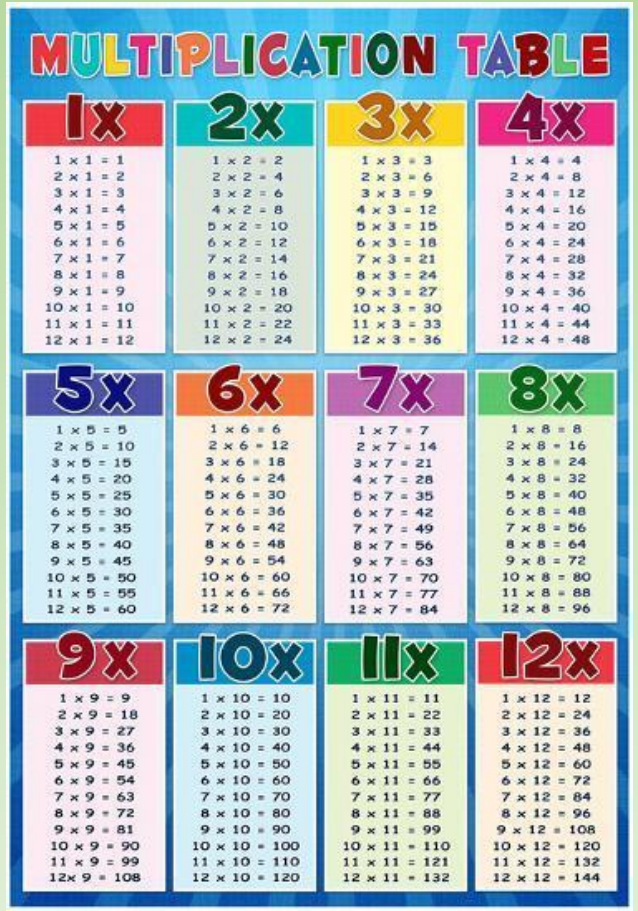
**How to play:**

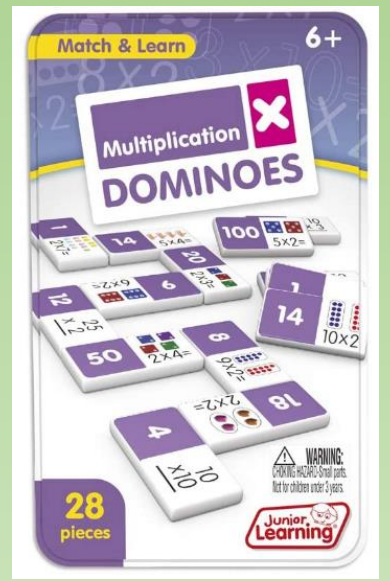
1. Roll a pair of dice.
2. Multiply your 2 numbers.
3. Colour your answer in on the grid.
4. First one to colour 4 in a row wins!

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 18 | 12 | 24 | 8 | 10 | 24 | | |
| 36 | 30 | 12 | 9 | 2 | 5 | | |
| 4 | 24 | 4 | 8 | 6 | 8 | | |
| 10 | 12 | 25 | 15 | 20 | 6 | | |
| 36 | 12 | 12 | 30 | 5 | 12 | 5 | 30 |
| 10 | 25 | 1 | 9 | 5 | 6 | 10 | 20 |
| 18 | 20 | 9 | 10 | 16 | 15 | 4 | 3 |
| 1 | 30 | 4 | 20 | 2 | 3 | 6 | 15 |

# How can you help your child prepare for the MTC?

- **10 minutes per day**
- Recall multiplication facts
- Times Table Rockstars
- Games involving multiplication
- Practical learning
- Interactive games [www.topmarks.co.uk](http://www.topmarks.co.uk)



# To summarise

- 6th – 24th June
- 25 questions
- 6 seconds each
- Focus on 6, 7, 8, 9 and 12 times tables
- Completing check on an iPad
- No pass mark
- Lots of practise at school and home

**Questions?**