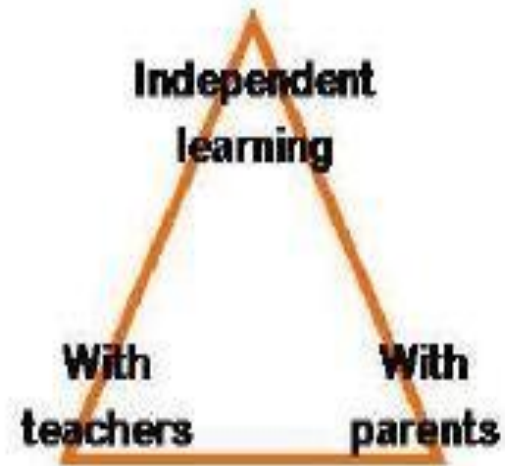


# Year 4 times tables check Parent workshop

Friday 5<sup>th</sup> November 2021

A successful learner works  
collaboratively.



# Pens and paper ready!

- ▶ <https://www.timestables.co.uk/multiplication-tables-check/>

# Why are times tables so important?

- ▶ Knowing times tables facts is crucially important to your child's progression in their mathematics education. Without a thorough understanding of multiplication and division facts, children frequently get 'lost' when it comes to do anything with fractions and any multiplication or division with larger numbers. Many mental maths activities and tests require a quick recall of multiplication and division facts.
- ▶ Children who are secure in their times tables knowledge are able to get to grips with trickier tasks straight away and are far more successful.

► *It is worth explaining what we mean by 'knowing' times tables. A child who knows their times tables will be able to recall any of the multiples of a times table out of order within 3 seconds, as well as knowing the corresponding division facts i.e.  $4 \times 6 = 24$  as well as 24*

►  $\div 6 = 4$ .

► Learning multiplication facts and tables are most effective when there is collaboration with school, parents and children. In school we regularly spend time learning times tables, but a child will be much more successful if they practise outside school independently and alongside parents.

# Times tables - Expectation and progression from National Curriculum

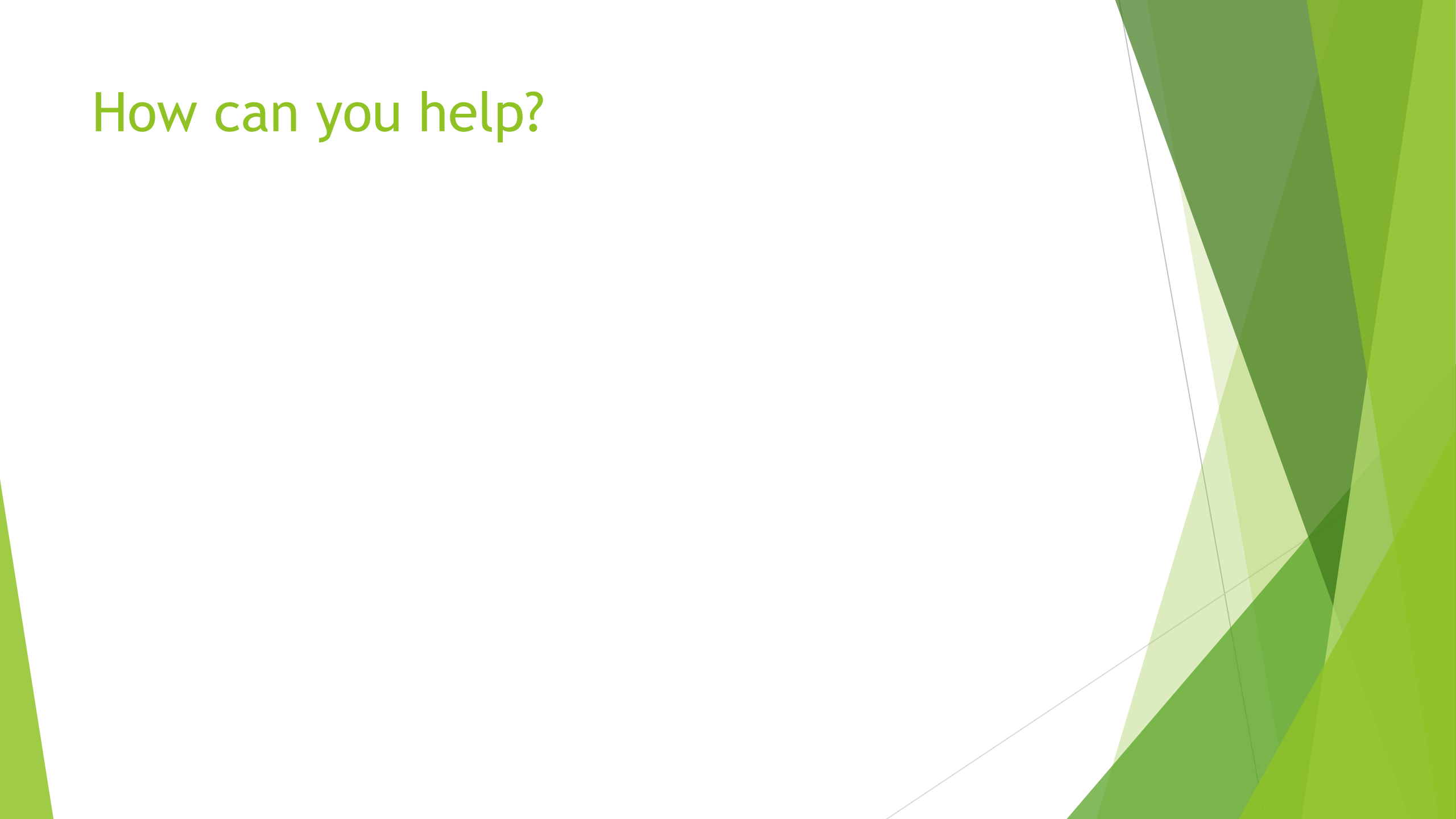
Year group	Expectation/ progression
Year 1	<ul style="list-style-type: none"><li>Count in multiples of 2s, 5s and 10s</li></ul>
Year 2	<ul style="list-style-type: none"><li>Recall and use multiplication and division facts for 2, 5 &amp; 10</li><li>Count in 2, 3, 5 &amp; 10</li></ul>
Year 3	<ul style="list-style-type: none"><li>Recall and use multiplication and division facts for 3, 4 &amp; 8 multiplication tables</li><li>Count in 4 &amp; 8s</li></ul>
Year 4	<ul style="list-style-type: none"><li>Recall and use multiplication and division facts for tables up to 12 x 12</li><li>Count in 6, 7 &amp; 9s (children will also be looking at 11x and 12x)</li></ul>

Notice: No 0x or 1x tables, lots of tables left to y4

# What is the MTC?

- ▶ The purpose of the check is to determine whether pupils can fluently recall their times tables up to 12, which is essential for future success in mathematics.
- ▶ It will also help your child's school to identify pupils who may need additional support.
- ▶ The MTC is an on-screen check consisting of 25 times tables questions. Your child will answer 3 practice questions before moving on to the official check and will then have 6 seconds to answer each question.
- ▶ On average, the check should take no longer than 5 minutes to complete.
- ▶ There are several access arrangements available for schools to use, and teachers will be able to ensure that these are appropriate for your child prior to the check window in June.
- ▶ Taking place in June 2022

How can you help?



# Ways to practise

The Key to learning times tables is frequent repetition and regular revision. 5 to 10 minutes every day is better than an hour a week. A poster on the wall that is not used is simply wall paper. Here are some ideas to help your child memorise their multiplication and division facts.

## 1. Chanting

When beginning to learn a times table this is key. Repeatedly reading a times table out aloud will help your child become familiar with the multiples for that times table. Try and keep a rhythm, changing vocabulary regularly (two times three is six, two threes are six, two lots of three are six etc.) Clapping or marching may help with keeping the rhythm going.

## 2. Flash Cards

Make a set of cards for the times table being learnt by putting a question on one side of the card ( $6 \times 5 =$ ) and the answer on the reverse (30). Go through the cards reading the question and then turning over to see the answer. Try and say the answer before you turn over. When familiar with the multiplication table, the cards can then be shuffled and used in a random order.

[https://www.amazon.co.uk/Flashies-Times-Tables-flash-cards/dp/B08N59SPXJ/ref=asc\\_df\\_B08N59SPXJ/?tag=googshopuk-21&linkCode=df0&hvadid=463154589047&hvpos=&hvnetw=g&hvrand=13098583619648224515&hvppone=&hvptwo=&hvqmt=&hvdev=c&hvdvcmdl=&hvlocint=&hvlocphy=9045955&hvtargid=pla-1125303782303&pssc=1](https://www.amazon.co.uk/Flashies-Times-Tables-flash-cards/dp/B08N59SPXJ/ref=asc_df_B08N59SPXJ/?tag=googshopuk-21&linkCode=df0&hvadid=463154589047&hvpos=&hvnetw=g&hvrand=13098583619648224515&hvppone=&hvptwo=&hvqmt=&hvdev=c&hvdvcmdl=&hvlocint=&hvlocphy=9045955&hvtargid=pla-1125303782303&pssc=1)



### 3. Times Tables Games

Bingo is a great way of learning times tables as a family. Write 6 multiples from a particular times table down in a grid and the caller reads out questions from the same multiplication table.

Rolling dice and multiplying the numbers together is a good way to compete with each other to get the correct answer first. Two dice can be rolled at once to create all questions up to  $12 \times 12$ . A similar game can be created with playing cards where two cards are chosen and their values multiplied together. The Jack, Queen and King need to be 11, 12 and 0.

To help with division, each player chooses and writes down five of the following numbers: 5, 6, 8, 9, 12, 15, 20, 30, 40 and 50. Take it in turns to roll a dice and if the number you roll is a factor of one of your numbers, cross it out. E.g. if a 4 is rolled it goes into 8 so cross out 8. If 1 is rolled, you miss a go; if 6 is rolled you get an extra turn. The winner crosses all of their numbers out first.

### 4. Quick Questions Anywhere!

A few questions here and there are much better than hundreds in one go.


- on the way to school
- in advert breaks
- whilst getting dressed
- a few before bed


# Ways to practise


## 5. TT Rockstars

**GAME TYPES**


**Single Player Games**


 **Garage/Gig**  
Auto or teacher-set questions  
Best for practice and earning coins


 **Studio**  
Questions up to 12 × 12  
Earn rock speed and status

 **Soundcheck**  
25 questions  
6 second limit per question

**Multi Player Games**

 **Festival**  
Questions up to 12 × 12  
Take on the world

 **Arena**  
Auto or teacher-set questions  
Compete against your class mates

 **Rockslam**  
Questions up to 12 × 12  
Head to head against another member of the school

## 6. Other Online Resources

- ▶ There are many free multiplication and division games available online. Just use the search engine to uncover them all. Here are a few places to get you started:
- ▶ [www.multiplication.com](http://www.multiplication.com) [www.coolmath-games.com](http://www.coolmath-games.com)
- ▶ <http://www.oswego.org/ocsd-web/games/Mathmagician/mathsmulti.html> [http://www.transum.org/Tables/Times\\_Tables.asp](http://www.transum.org/Tables/Times_Tables.asp)
- ▶ [www.tablestest.com](http://www.tablestest.com) [www.mathletics.co.uk](http://www.mathletics.co.uk)