

FAIRWAY PRIMARY SCHOOL
LEARNING TIMES TABLES
INFORMATION FOR PARENTS/CARERS



At Fairway Primary School, we want the children to have a secure knowledge and understanding of their times tables and we welcome your encouragement and support at home to achieve this.

Knowing their times tables well, will ensure that your child:

- Is more confident in their maths lessons.
- Is more able to work efficiently through calculations.
- Is more able to apply their knowledge to more complex problems.
- Has a useful skill that they will use all the time in the world outside of school.

We all have our own memories of learning times tables at school, some which may not be positive! At Fairway, we want to create a real buzz and excitement around learning times tables.

Most children enjoy learning new facts, but it is the way that it is presented to them that makes the real difference. This leaflet aims to provide you with some different ways of learning times tables so that you can support your child/children at home.

Happy Multiplying!

Liz Mason

Maths Lead

The National Curriculum sets out the key learning for each year group. The expectation is that the children will be able to **recall all of the times table facts up to 12 x 12 by the end of Year 4.**

Year 1	Count in multiples of twos, fives and tens.
Year 2	Recall and use multiplication facts for their 2, 5 and 10 multiplication tables.
Year 3	Recall and use multiplication facts for their 3, 4 and 8 multiplication tables.
Year 4	Recall and use multiplication facts up to 12 x 12.
Year 5 and 6	Constant revision of multiplication facts up to 12 x 12 and related mini and maxi facts, for example: If you know $6 \times 9 = 54$ You also know some mini facts $6 \times 0.9 = 5.4$ And some maxi facts $6 \times 90 = 540$ $6 \times 900 = 5400$ etc

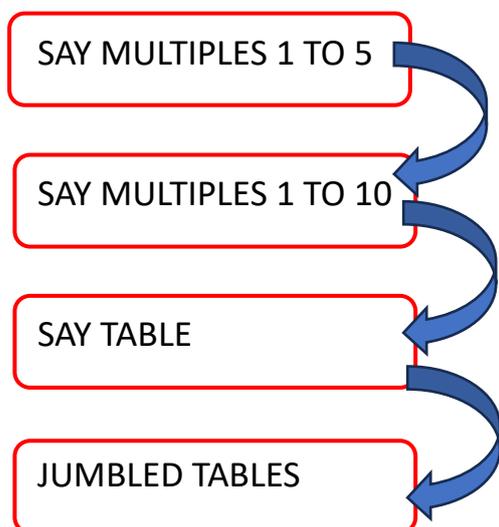
Year 4 Multiplication Tables Check

A formal assessment of times tables knowledge takes place in Summer Term (June) of Year 4. This is an on-screen check that consists of 25 times tables questions. The children will have 6 seconds to answer each question.



HOW DO WE LEARN TIMES TABLES STEP BY STEP?

It is important that children are confident in each step BEFORE they move onto the next one. If they struggle on a step, move back a step and continue to practise.



EXAMPLE FOR 2 X TABLE

0, 2, 4, 6, 8, 10

then

0, 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24

then

0×2 is 0, 1×2 is 2, 2×2 is 4, 3×2 is 6, 4×2 is 8,

5×2 is 10, 6×2 is 12, 7×2 is 14, 8×2 is 16,

9×2 is 18, 10×2 is 20, 11×2 is 22, 12×2 is 24

then

$9 \times 2 =$ $3 \times 2 =$ $7 \times 2 =$ $4 \times 2 =$ $12 \times 2 =$ and so on

Each child in Y2, Y3 and Y4 will be given a times table card so we can track their progress. The children will have lots of opportunities to practise their times table facts in school, however, the more you can help them at home the better.

When a child knows their facts for a times table off-by-heart they will complete a times table challenge with their class teacher. When the children demonstrate that they can recall facts quickly and accurately they will receive a stamp on their card.

Fairway Times Tables Challenge		
Name: _____		
x 2	x 5	x 10
x 3	x 4	x 8
6 Fact Challenge	x 11	x 12

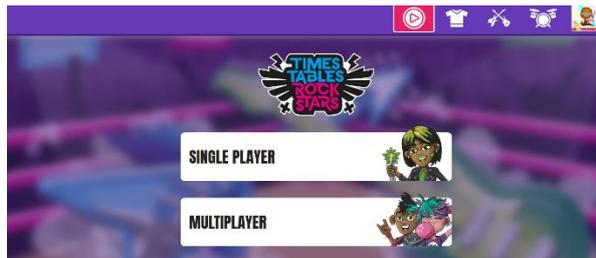
Why are x6 x7 and x9 facts not on the card?

After learning the x2, x5 x10, x3, x4, x8 facts, the children already know most these times tables because when we multiply in a different order the answer is the same: $4 \times 7 = 28$ and so $7 \times 4 = 28$. Therefore, there are only 6 more facts to learn. We call this the **6 FACT CHALLENGE**.

HELPING AT HOME 1:



Each child from Year 2 onwards will have access to TT ROCKSTARS. They can log on via the website or the APP.



Choose SINGLE PLAYER

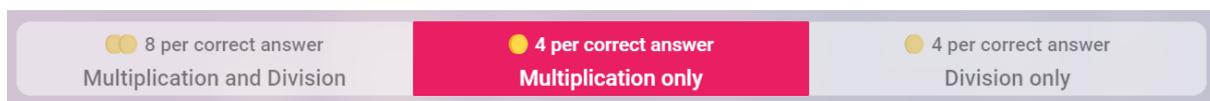
To start playing click this button at the top of the page.



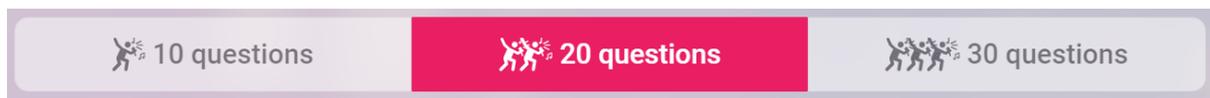
The best game to use for practising your times tables is **JAMMING**

Click this image.

Start by choosing **Multiplication Only**.



You can choose to answer **10, 20 or 30 questions**.



Click on the x table you want to practise. They will turn blue. You can select more than one x table

10	2	5
3	4	8
6	7	9
11	12	13

THEN



HELPING AT HOME 2:

There are lots of x tables games that you can access online. Here are some you might like to try at home. You can find links to these games on the maths page on our school website

TIMES TABLES.CO.UK

<https://www.timestables.co.uk>

HIT THE BUTTON

<https://www.topmarks.co.uk/maths-games/hit-the-button>

ONLINE SPEED GRID

<https://phet.colorado.edu/en/simulations/arithmetic>

TIMES TABLE GRAND - PRIX

<https://www.arcademics.com/games/grand-prix>

EDUCATION QUIZZES

<https://www.educationquizzes.com/ks2/times-tables/>

MATHS CHASE

<https://www.mathschase.com/>

GRAND PRIX MULTIPLICATION

<https://www.arcademics.com/games/grand-prix>

PRIMARY HOMEWORK HELP

<http://www.primaryhomeworkhelp.co.uk/maths/timestable/index.html>



HELPING AT HOME 3:

Here are some other activities you may want to try at home.

1) MAKE SOME FLASH CARDS (INCLUDED IN PACK)

Use these to find out which table facts you know and which ones need more practise. Ask an adult to see how many you can answer in 1 minute?

2) SING YOUR TIMES TABLES

There are lots of catchy songs online to listen to like this example at 'Kool Kidz' times tables on You Tube.



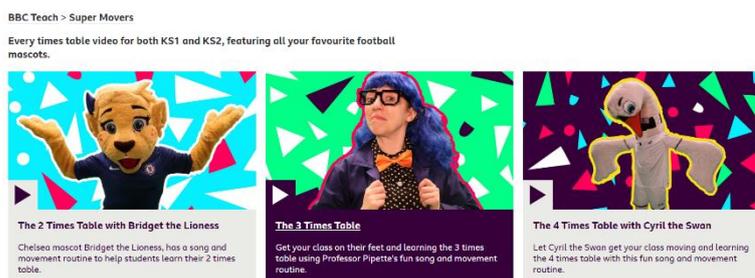
You can even listen to times tables on ALEXA!

Say 3 times table Alexa.

Play 3 times table song Alexa.

3) DANCE YOUR TIMES TABLE

Make up a dance to go with your times tables. Try these dances on **BBC Super Movers** website.



4) PLAY GAMES

You can adapt most games to include times tables like Pairs, Snap... Use these ideas from Oxford Owl Website.

<https://home.oxfordowl.co.uk/maths/primary-multiplication-division/help-with-times-tables/>

TEACHER TRICKS AND TIPS

These tools might help your children to calculate/remember facts.

$$9 \times 7 =$$

You know 10×7 is 70 so now take away one group of 7.

$$70 - 7 = 63$$

$$4 \times 8 =$$

Remember, you can switch a times table around and get the same answer.

$$4 \times 8 = 8 \times 4 = 32$$

Now you know 3×5 is 15 you can make up a multiplication and division fact family.

$$3 \times 5 = 15$$

$$5 \times 3 = 15$$

$$15 \div 5 = 3$$

$$15 \div 3 = 5$$

$$\text{Now you know } 6 \times 9 = 54$$

You also know some **mini** and **mega** facts!

$$6 \times 90 = 540$$

$$6 \times 900 = 5400$$

$$6 \times 0.9 = 5.4$$

Rhymes can help you to remember a tricky fact.

"I ate and ate and was sick on the floor!"

$$8 \times 8 \text{ is } 64$$

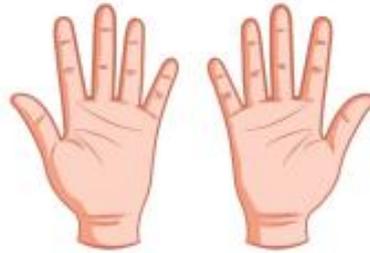
Did you know you can use your hands to help you to remember your 9 times table? (see over)

The 9 times table trick

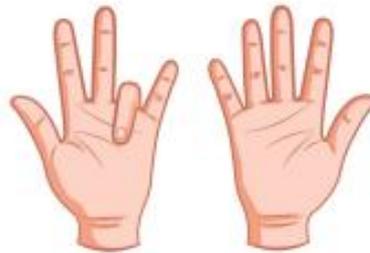
There's a great trick for recalling the 9 times table which some children really enjoy:

To find 4×9 :

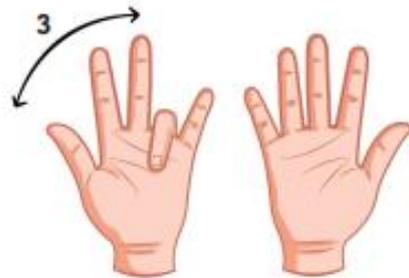
1. Hold out both hands in front of you.



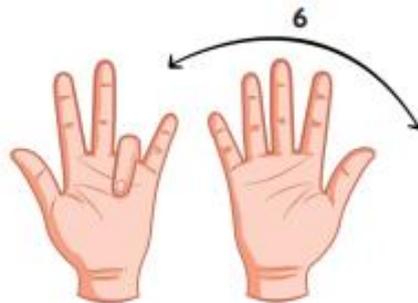
2. To find 4×9 , count in 4 fingers from the left, and hold down this finger.



3. Count all the fingers before the one that's held down – 3. This is first number in your answer.



4. Count all the fingers after the one that's held down – 6. This is the last number of your answer.



So the answer to 4×9 is 36.

And it works for all the 9 times table up to 10×9 . Give it a go!