

Here are a collection of activities you can do to help you learn about multiplication (times tables) Remember to learn these off by heart you have to do lots of practice and repetition until your brain just knows the facts. However it is important that you can visualise the facts in your head with pictures too and understand how they facts work.

LI: I am learning to times and share in different ways.
SC: I can show how to multiply in different ways. I know my times-tables off by heart.

ONLINE GAMES

There are loads of online games that you can play to help your practice. I've put a list down below but if you find your own then let me know.

1. PAINT THE SQUARES

<https://www.topmarks.co.uk/learning-to-count/paint-the-squares>

Choose the 1-100 square. Now depending on which times-table you are learning paint the squares.
 2x = paint every second square 2, 4, 6 etc
 4x = paint every fourth square 4, 8, 12 etc
 Why not make a booklet with them in for each table. Can you see any patterns? Use the patterns to practice your skip counting.

Multiplication (times)

Numbers – you are learning 2x, 5x, 10x
Digits – you are revising the above and moving onto 3x, 4x and 6x

Want an extra challenge. Once you know the ones above move onto 7x . 8x and 9x.

2. ARRAYS

Arrays are patterns made using rows and columns to match an equation.

<https://www.youtube.com/watch?v=00m3YhLT6fA>
<https://www.youtube.com/watch?v=RNxwasijbAo>

For example
 0 0 0 0
 0 0 0 0
 0 0 0 0
 0 0 0 0

Gives you two equations 3x4 and 4x3
 Why not make an array booklet for each times table? Can you see any patterns?

3. REPEAT ADDITION

To create repeated addition equations you first need to draw the array for each fact. Then use the array to work out the two repeated addition equations.

<https://www.youtube.com/watch?v=vO6WW1BGblw>
<https://www.youtube.com/watch?v=lryvMT8cbeA>

4. NUMBERLINES

Now you understand the repeated addition for each fact you can now draw them on a numberline. Remember to think about how many numbers you jump and how many jumps you do.

<https://www.youtube.com/watch?v=PLDfl6daaio>

5. BOOKLETS

In your home leaning packs you have booklets for different times-tables so you can practice completing equations using your new skills.

COCONUT MULTIPLES

<https://www.topmarks.co.uk/times-tables/coconut-multiples>

This game has all of the tables up to 12 on their own and then some mixed groups to really challenge your recall of answer facts for each table.

MENTAL MATHS TRAIN

<https://www.topmarks.co.uk/maths-games/mental-maths-train>

HIT THE BUTTON

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

METEOR MULTIPLICATION

<https://www.arcademics.com/games/meteor>

MATHS FACTOR

Go onto Active learn and check out the maths factors. On here you can check your tables knowledge or complete your maths factor module.

Multiplication Online Activites.

Prefer some worksheets? Then check out twinkl.com
They have lots of free activities just now.

SUMDOG

(logins in your home learning pack)
Login to SUMDOG to complete your tables challenge. Who will be the winner of the challenge?

ARCHERY ARITHMETIC

<https://mathsframe.co.uk/en/resources/resource/399/Archery-Arithmetic-Multiplication>

Answer the question to earn a chance to shoot the target.

SUPER MATHS BOWLING

<https://mathsframe.co.uk/en/resources/resource/504/Super-Maths-Bowling-Multiplication>

This game helps you to recall multiplication facts quickly so you can win a chance to bowl.

MINECRAFT MATHS Do you love mindcraft?

Can you show the repeated addition next to it using different materials?



Repeated addition for $3 \times 2 = 6$

Can you build arrays for your tables in mindcraft?



Arrays for start of the 2x table

What about a skip counting sculpture?



Skip counting in 2's