

How to teach times tables at home.

Times tables are the building blocks that underpin most of the maths your child will do at school. Whilst we do teach times tables in school, we would really appreciate your help with reinforcing this learning at home. The Government's and our expectation is that by the end of Year 4, children should know all of their times tables up to 12×12 . They should be able to recall multiplication ($4 \times 6 = 24$) and related division facts ($24 \div 6 = 4$) in less than 6 seconds.

Key Objectives:

Year 1 – Count in multiples of twos, fives and tens

Year 2 – Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables

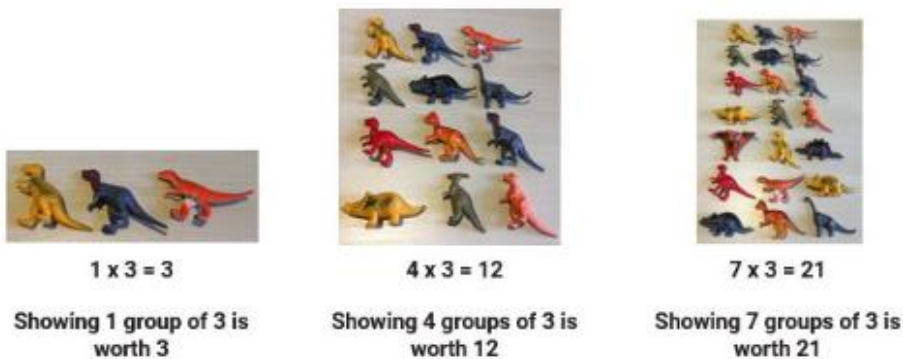
Year 3 – Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables

Year 4 – Recall multiplication and division facts for multiplication tables up to 12×12

There are lots of different ways to learn times tables. Below are a few ideas to get you started.

Understanding

Make groups of. Make sure to show your child that 0 groups of 3 = 0. You can use anything you have at home to make these groups.



Counting the number of objects in each group is a really good way to start. Generally, begin by counting every object in a row then move onto skip counting (just counting in the times table e.g 3,6,9 etc).

Help this by encouraging children to 'whisper' numbers that are not a times table fact, touching each object and shouting the number of the object at the end of the rows. For example...



1, 2, **3**, 4, 5, **6**, 7, 8, **9**, 10, 11, **12**...

Fun Memorising

Look on YouTube and sing along to some times table songs. Just like television adverts, the rhymes and songs get stuck in their heads!

Recall

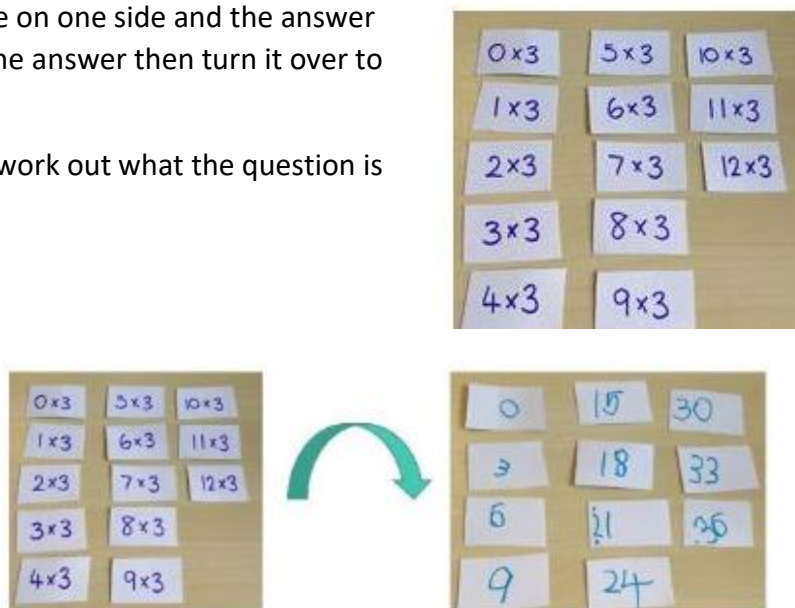
Make question cards with the times table on one side and the answer on the other. Have your child work out the answer then turn it over to check if they are correct.

When they are all turned over, can they work out what the question is from the answer?

Make question cards and answer cards. Ask your child to link up the question with the answer.

Playing a pairs game.

How quickly can they match them all up?



Online Resources

There are many ways to practise and apply this times tables knowledge once your child has learnt the times table facts. Times Table Rockstars, Doodles Tables and other online quickfire questions games are great. For these to be beneficial and help the children to recall their tables, ***they need to have learnt the facts first.***

Guide to Times Tables Rockstars

We ask that children use these games for at least 15 minutes every week to make sure their skills are retained and secure:

Garage: Teachers may set focus times tables in this area.

Jamming: Child (or parent) can choose the times tables or related division facts to practise. (*To find out the areas they need to work on, click on Me on the bottom bar → Stats → Fluency – you will see the ‘heat map’. The green areas are secure, red areas are their common errors.*)

Studio: Children can aim to beat their previous fastest time in answering a set of questions.

Soundcheck: 25 random questions with a timer - to recall facts quickly and accurately.

You could reward your child with time in the ‘shop’ to upgrade their avatar when they have earned a set number of coins.

Please continue to use both Times Table Rockstars and Doodle Maths at home. They are brilliant resources which will support the children with their learning. If your child is unsure of their password, please contact their class teacher.