

# Websites to support learning at home

## Maths

- **TT Rockstars.** All of the children at Woodside have a login for TT Rockstars. This programme automatically adapts to suit the needs of your child. Alternatively, you can set the times tables and related division facts to practice if your child needs to practice specific multiplication facts.

[Times Tables Rock Stars – Times Tables Rock Stars \(ttrockstars.com\)](https://ttrockstars.com)



- **Guardians: Defenders of Mathematics**  
Children can practice their times tables, addition, subtraction, multiplication, division, fractions, decimals, ratio, proportion, shape, algebra and place value in this game to move through the kingdoms and defend the Galaxy.

[KS2 free maths game - Primary mathematics skills - Times tables, multiplication, division, algebra, fractions and decimals - BBC Bitesize](#)



- **IXL:** This website allows children to practice the skills relevant to their year group.

[IXL | Maths and English Practice](#)



- **ICT Games**

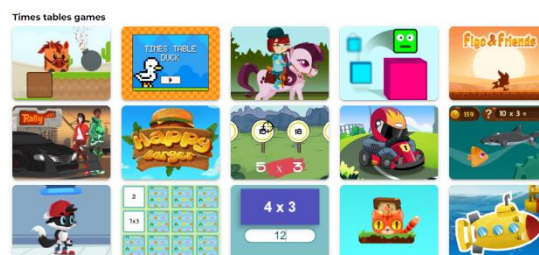
Here, children can practice key skills in maths through games. The games are most appropriate for KS1 revision as well as some year 3 and 4 concepts.



- **Timestables.co.uk**

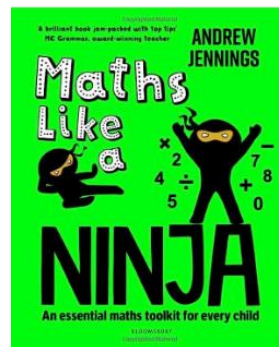
Here you can find a variety of times tables games that help children to practice their fluency in a fun and exciting way.

[Times tables games - Learn them all here!](#)



- **Maths Like a Ninja**

This is a useful guide for children and parents. It's full of the key concepts that children need to know, as well as mathematical vocabulary, terminology and easy to follow examples. Whether a child is stuck on a fractions question or struggling to remember what composite numbers are, they'll find the answer in this handy all-in-one reference guide.



- **Rolling numbers**

Please watch the video of some of our children rolling their numbers on our website. We teach this in year 4 and it is a really catch way for children to remember how to 'skip count.' It is important, when the children are rolling their numbers, that they use their fingers. This helps them to 'count' to work out a multiplication fact if they can't recall it quickly from memory.



- **Creative ways to support learning at home**

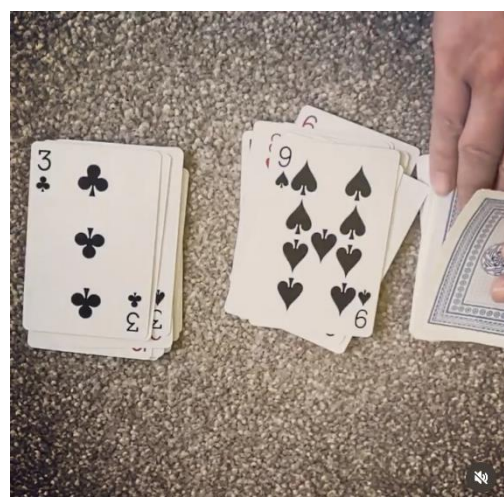
As maths lead, I am a huge fan of making maths fun and engaging. It's not always easy to support children at home with maths, but doing this in an interesting way sometimes helps. Please see below for some ideas:

**Top Trumps:** These are a brilliant way for children to practice saying numbers aloud. Sometimes they go into the tens of thousands and millions, and some use decimals and number less than 1. This is a great way for children to also understand place value and to recognise, in a game setting, if a number is greater or smaller than another given number.



**Playing cards multiplication**

Playing cards are a great way to practice recall of times tables. Simply turn over two cards and multiply the 2 numbers together. You can take turns, play solo or even race against the clock. Jacks are worth 11 and Queens 12





## More multiplication

We want children to be able to recall their multiplication facts quickly, because this helps them in all areas of maths. But maybe your child is a more 'creative maker' and doing something like this is what will engage them in their practice of times tables.

Factors	Repeated addition	Groups	Array	Commutative	Product
$3 \times 2$	$2+2+2=6$			$2 \times 3$	6
$2 \times 5$	$5+5=10$			$5 \times 2$	10
$3 \times 10$	$10+10+10=30$			$10 \times 3$	30
$6 \times 4$	$4+4+4+4+4+4=24$			$4 \times 6$	24
$4 \times 3$	$3+3+3+3=12$			$3 \times 4$	12
$3 \times 7$	$7+7+7=21$			$7 \times 3$	21
$2 \times 6$	$6+6=12$			$6 \times 2$	12



Here you can see a fun and practical way of really understanding what times tables 'mean.' Time tables are the same as repeated addition, which we can also make into 'groups of equal size' and 'arrays'. Multiplication is 'commutative' because it can be done in any order and the 'product' is the number we get if we multiply 2 numbers together. This sort of activity can be done using objects from around the house.

### Seashell array

Sometimes, simply laying out some stones or shells, rocks, beads, apples- whatever you have- can be helpful to get children thinking about the maths they can 'see'.

4 groups of 6 shells here show many mathematical ideas:

$$6 + 6 + 6 + 6 = 24$$

$$4 \times 6 = 24$$

$$6 \times 4 = 24$$

$$24 \div 4 = 6$$

$$24 \div 6 = 4$$

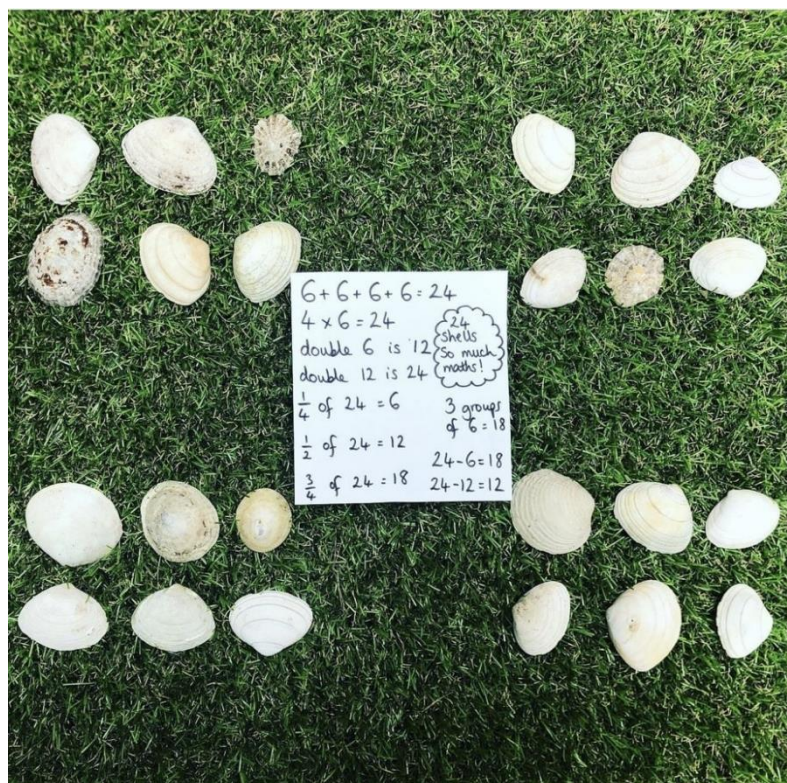
$$\frac{1}{4} \text{ of } 24 = 6$$

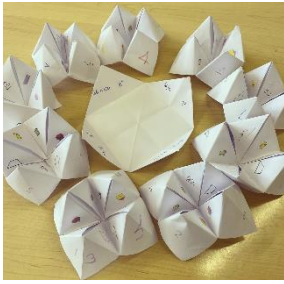
$$\frac{1}{2} \text{ of } 24 = 12$$

$$\frac{3}{4} \text{ of } 24 = 18$$

$$24 - 6 = 18$$

(and many more!)

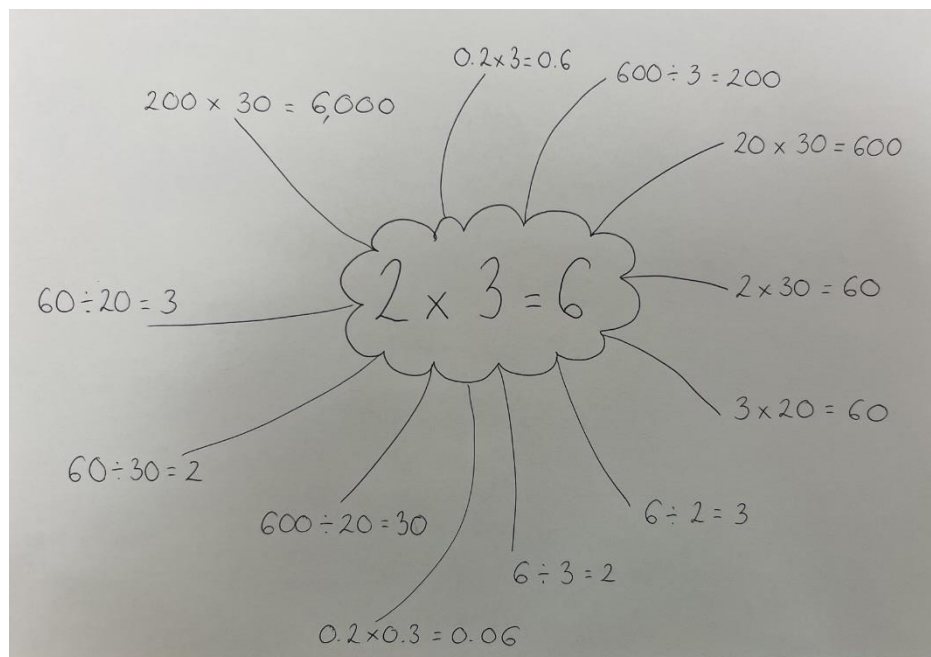




**Chatterboxes** are a fun way to practice tricky maths. Put the concepts or questions that you need to practice on the inside.

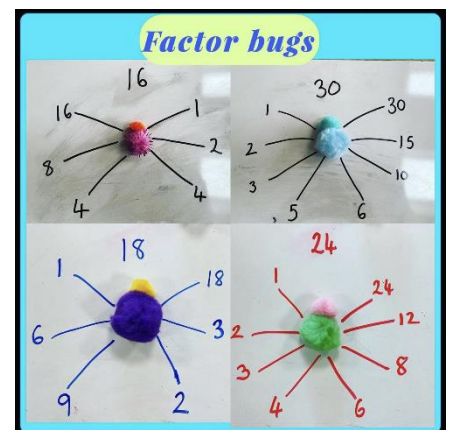
## If I know X what else do I know?

This is always a simple but effective activity to do with children. Once we know one simple multiplication fact and we also know some rules about place value, we can work out many things from one simple calculation. For example:



## Factor bugs

The words 'factor' and 'factor pairs' are sometimes difficult for children to recall and remember what they mean. Using pom poms, you can make little factor bugs to find the factor pairs. Next time they see the word 'factor' they'll remember these little factor bugs!



## Point out maths in everyday life

Maths is all around us. Finding totals and giving change, reading scales, baking, time, shapes, saving, discounts, minutes, hours, weeks, days, years, months, sport, food packaging, filling up at the petrol station, speed, distance, exchange rates- the list goes on!

Simply finding opportunities to involve your children in the maths of everyday life will help them.

