



Maths Top Tips for Parents

We know that Maths has changed a lot since parents were at school so we would like to explain the methods used at school so you can support your child at home.

We use the **CPA** approach in our lessons:



Concrete—using resources and materials

Pictorial—drawing maths

Abstract—the actual calculation

You can find more about our approaches to Maths in our calculation policy, which can be found on our school website.

To help, we have compiled some age appropriate activities that you can complete at home to help your child succeed in maths.

Please do not hesitate to come and talk to any of us should you be worried or unsure about any of the approaches used. We are happy to go through any of our methods with you.





How can you help your child at home:

EYFS

Counting rhymes, identifying shapes in the environment, recognising numbers on car registration plates, door numbers, baking.



Year 1

Number bonds to 10 e.g. $8+2=$ (see class page for number bond song) , counting in 2s, 5s and 10s through games. Odd and even numbers on houses, cut food into halves and quarters and talk to your child about what you are doing. Count to 100 and back. Learn o'clock and half past times with your child—a watch or clock is a great present (not digital).

Year 2

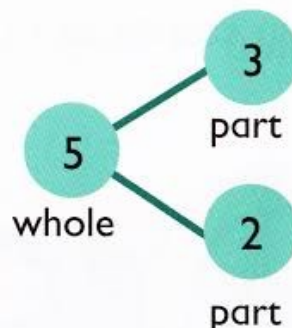
Learn times tables (2,5, 10 and progressing to 3) and related division facts for example $2 \times 5 = 10$ $10 \div 2 = 5$. You can sing the times tables or even download an app on your phone to help. Number bonds to 20. Take your child to the shop to get them used to coins and handling money. Learn to tell the time to the nearest 5 minutes with your child—a watch or clock is a great present (not digital).

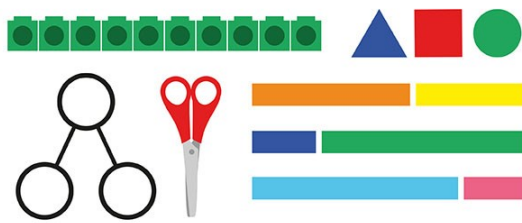


$2 + 2 + 2 + 2 + 2 = 10$
 $2 \times 5 = 10$
 2 multiplied by 5
 5 pairs
 5 hops of 2



$5 + 5 + 5 + 5 + 5 = 25$
 $5 \times 5 = 25$
 5 multiplied by 5
 5 groups of 5
 5 hops of 5





Year 3

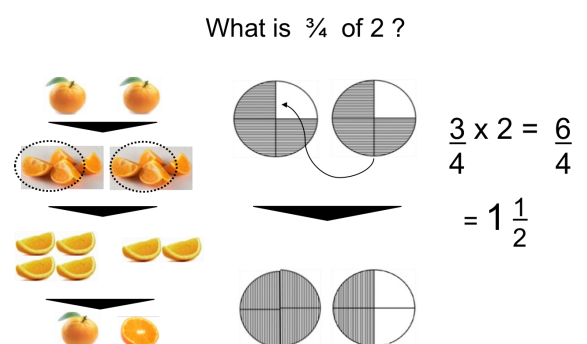
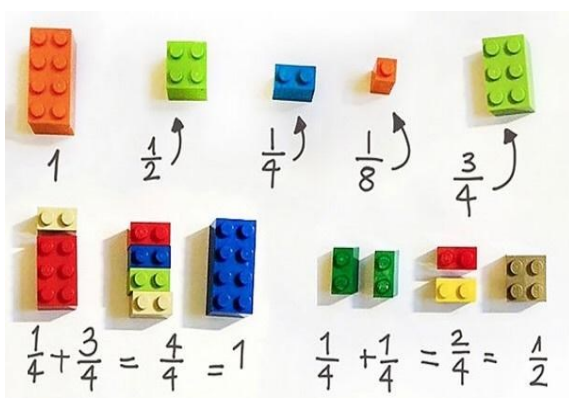
The children need to know all their times tables and division facts, you can do this by downloading apps, playing games or chanting the tables. Take your child to the shops to get them used to handling money and receiving change. Learn to tell the time to the nearest minute with your child—a watch or clock is a great present (not digital).

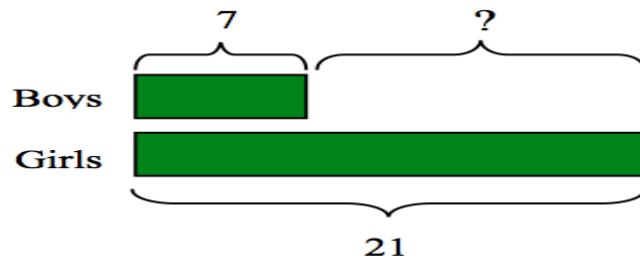
Year 4

Plan a journey using a bus or train timetable. Bake with your child and double the measurements. Continue to learn their times tables and related division facts. Get your child to explain to you how to round decimals to the nearest whole number. Estimate food items in the supermarket to the nearest 10p or £1. Can they estimate/calculate a basket of shopping?

Year 5

Continue to learn their times tables and related division facts. Get your child to explain to you how to complete long division and long multiplication. Make a tables grid with your child (up to the 12 times table) and compete to see who can finish it the fastest (see attached grid).





Year 6

Continue to learn their times tables and related division facts.

Complete Sudokus, complete missing number times table grids (see class web page for an example), find 50%, 25%, 10% of prices at the shops. Get your child to explain equivalent fractions, decimals and percentages.

9	1	
		5
3	8	

Here are some useful website that you can go on to help:

multiplication.com

supermathsworld.com

oxfordowl.co.uk

theschoolrun.com

www.coolmathgames.com

purplemash.co.uk (your child will know how to log on)

topmarks.co.uk

www.mangahigh.com

www.mypuzzle.org/sudoku-4-kids

There will also be links on our class pages too.