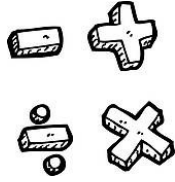


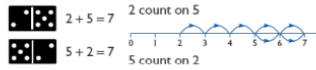
When we **calculate** addition and subtraction we use various different strategies.



Addition

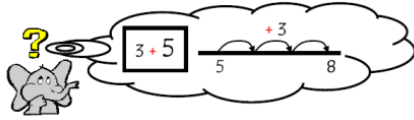
$$1 + 2 = 3$$

$$2 + 1 = 3$$

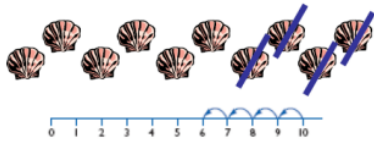


Know that addition can be done in any order

Put the biggest number first and count on



Subtraction



If I take away four shells there are six left

Count backwards along a number line to 'take away'

Begin to use the - and = signs to record mental calculations in a number sentence

Maria had six sweets and she ate four. How many did she have left?

$$6 - 4 = 2$$

**MATH
ROCKS**

Please do not hesitate to come and see us if you have any further questions!

What do the children learn in Maths in Year 1?

Is there anything I can do to help at home?

Maths in Year 1



The new maths curriculum separates maths into several areas;

Number - counting, place value, comparing, addition & subtraction, 1 more/less.

Measurement - begin to measure, compare and describe weight, lengths and heights; long/short, longer/shorter, lighter/heavier, empty/full, half full.

Geometry - recognise and name 2D and 3D shapes and describe movement; half, quarter and full turn.

Statistics - sort numbers, objects and shapes on block diagrams and simple tables.

There are a few things which are very easy to practise at home and will help in many areas of maths.

The first one is learning **maths facts by heart**. In Year 1 we have a 'Monkey Maths Challenge'. Help your child learn the facts and **work their way up the monkey tree!**



10. I can count forwards in 2's to 50.
9. I can count forwards in 10's to 100.
8. I can count backwards in 1's from any number.
7. I can count backwards in 1's 20-0.
6. I can count forwards in 1's to 100's
5. I can count forwards in 1's to 20's
4. I can recognise and name numerals to 20
3. I can recognise and name numerals to 10
2. I can count aloud in 1's from 1-20
1. I can count up to 10 objects.

We only test if the children know these facts when they feel they are ready, so please make sure they let us know!

Other practical activities to do at home...

How much?

At any given opportunity, tip out the small change from a purse. Count it up with your child.



Get counting!

Count up the stairs, count backwards down the stairs! Count pairs of shoes in 2's or sweets in a jar! Count, count, count!

Play What's the time little Miss/Mr?

In Year One we need to get really confident with o'clock, then half past.



Quick fire mental maths challenges!

Play mental maths games in the car (add all the numbers seen in a registration plate, count blue cars) or on the way to the shops spot even and odd numbers on doors, how fast can they work the questions out in their heads?

Try asking them to calculate addition and subtraction sums under 20 e.g. what is $10 + 7$, $6 + 4$, $9 + 1$, 1 less than 11 etc.

See how quickly they can tell you the pairs of number to 10 or 20 ! e.g. what goes with 7 to make 10 (3), what is double 12 etc.

Maybe even go head to head with Mum or Dad and score points as you go!

Keep at it and have fun!

It's not that I'm so smart; it's just that I stay with problems longer.
~Albert Einstein 