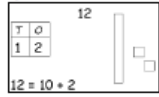


How to help your Year One Child with Mathematics - Spring Term Objectives

Place Value

- Counting forwards and backwards to 100 from any number. Eg. 11, 10, 9
- Common misconceptions are muddling 13/15 and 12/20.
- Counting, reading and writing numbers to 20 in numerals and words.

E.g. count:



numeral: **12** word: **twelve**

- Identifying and representing numbers using objects, e.g. Tens rods and Ones and pictorial representations, e.g. drawing a number line or a simple jotting.
- Use the language *equal to*, *more than*, *less than* (*fewer*), *most* and *least*.
- Count in multiples of twos and fives (forwards and backwards). E.g. pairs of people on the bus (2, 4, 6), spending 5p coins (25p, 20p, 15p).

Addition and Subtraction

- Have quick recall of simple number bonds.

E.g. Make 8: $4+4$, $7+1$, $2+6$, $10-2$, $20-12$

Number badges for number bonds to 10 and then 20 because we need quick recall for crossing the tens boundary, E.g. $7+5 = 7+3+2 = 10+2$

- Add and subtract one digit and two digit numbers to 20, including zero. Understand that adding and subtracting zero does not change the number. Mental maths: put the big number in your head and add on using fingers. Combine two sets of objects (+) or take away from a set of objects (-). Use practical equipment such as Numicon, bead strings and Tens/Ones. Be able to count on (+) and back (-) on a number line or 100 square.



- Read, write and interpret mathematical statements involving addition (+), subtraction (-) and equals (=). Think of the = symbol as meaning 'is the same as' not just the answer. E.g. $12 = 5+7 = 14-2 = 6+6 = 12-0$
- Solve one step problems using addition and subtraction. Need to know whether a problem is asking for addition or subtraction. E.g.

There are 6 people upstairs.
There are 2 people downstairs.
How many people altogether?
Do a **jotting** and write the **number sentence**.



Ben has 5 buns. He eats 3.

How many are left?

Do a **jotting** and write the **number sentence**.



- Solve missing number problems E.g. $7 = ? - 4$ (therefore $7 + 4 = ?$)