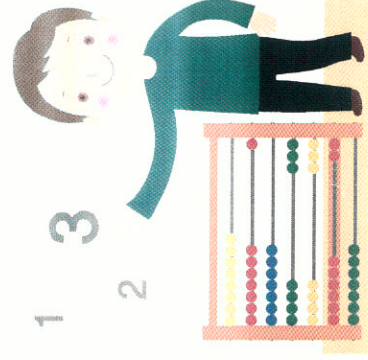


The aim is that children use mental methods when appropriate, but for calculations that they cannot do in their heads they use a quick and reliable (ie efficient) written method accurately and with confidence.

Note: It is important that children's mental methods of calculation are practised alongside the efficient written methods for addition.

To add, subtract, multiply and divide successfully children need to be able to:

- Order a set of 1 and 2 digit numbers;
- Count reliably up to 20, extending to counting to 100;
- Know addition and subtraction facts to 10;
- Partition 2 digit numbers into multiples of 10 and 1;
- Add 10 to a single digit number, then add a multiple of 10 to a two digit number;
- Record patterns of multiples of 2, 5 and 10 explaining the patterns and use them to make predictions;
- Begin to recognise two digit multiples of 2, 5 or 10;
- Know by heart doubles of all numbers to 10 and the corresponding halves.



Marine Park First School



YEAR 1

Written Methods
for the
**Addition, Subtraction,
Multiplication and
Division of Whole Numbers**

Glossary of Numeracy Terms

Number Track

A straight line of pre-recorded numbers, eg 1,2,3,4,5,6....or 2,4,6,8...etc.

Number line:

A straight line in which the numbers are shown as marked points evenly spaced on the line.

Empty number line:

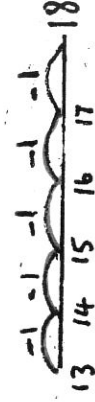
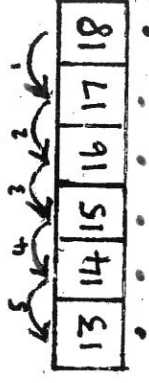
A line in which children place numbers themselves to help them solve a problem.

Subtraction

Use a number track to count back.

Then begin to use an empty number line to count back.

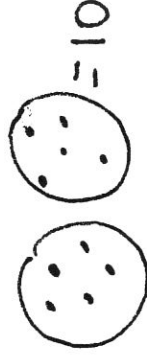
$$18 - 5 =$$



Multiplication

Counting in groups.

Finding doubles of numbers

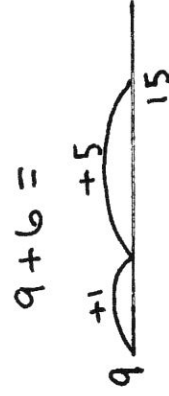


$$5 + 5 = 10$$

$$7 + 7 = 14$$

Addition

Use an empty number line to count on.



$$9 + 6 =$$

Division

No recorded activities