

Maths Methodologies & Language

First Class/Second

Addition: $4 + 5 = 9$

Tables $4+5=9$ say Four and Five is Nine

T U
2 6
3 1 7
6 3

When writing your answer for addition, always begin with the units.

7 and 6 are 13

Write down the 3 first and carry the ten **on the line.**

Add tens beginning with 'carried number' 1 and 3 are four and 2 are 6.

Subtraction: $9 - 6 = 3$

Tables $9 - 6 = 3$ say Nine take six is Three

H T U
2 ~~7~~ 8 '5
1 6 9
1 1 6

It is very important that all staff insist on children doing subtraction starting on the top line

5 take 9, I cannot do, so I regroup. Look at the tens. 8 tens become 7 tens.

5 units now becomes 15.

$\Rightarrow 15 - 9 = 6$

Third Class

Multiplication

Tables 5 times tables:

$$0 \times 5 = 0$$

$$1 \times 5 = 5$$

$$2 \times 5 = 10$$

$$3 \times 5 = 15$$

$$4 \times 5 = 20$$

$$5 \times 5 = 25$$

$$6 \times 5 = 30$$

Say "zero fives are zero"

"one five is five"

"four fives are twenty"

4th Class

Long Multiplication

$$\begin{array}{r} 1'48 \\ \times 1223 \\ \hline \end{array}$$

$$444$$

$$+ 2960$$

$$\hline 3404$$

Three eights are 24, put down my '4' and carry my 2 (place 2 on the bottom line)

3 fours are 12 + 2 is 14, put down '4' & put '1' on the line

Three 1's are three and one is 4.

Put down zero.

Then 2 8's are 16, put down '6' and put '1' up above the four.

2 fours are eight and 1 is nine.

2 ones are 2.

Proceed with addition.

Division

<u>Tables</u>	Division by 10:	$10 / 10 = 1$	Say "ten divided by ten is one"
		$20 / 10 = 2$	"twenty divided by ten is two"
		$30 / 10 = 3$	
		$40 / 10 = 4$	
		$50 / 10 = 5$	"fifty divided by ten is five"
		$60 / 10 = 6$	

Fourth, Fifth and Sixth Classes

Continue with method previously used and introduce the term 'into'

e.g.

Tables

$$50 - 10 = 5 \dots \dots \dots \text{Ten into 50 is 5}$$

$$60 - 10 = 6 \dots \dots \dots \text{Ten into 60 is 6}$$

Long Division

4 steps:

1. Divide
2. Multiply
3. Subtract
4. Take down

$$\begin{array}{r} 02 \\ 24 \overline{) 682} \\ \underline{48} \\ 202 \end{array}$$