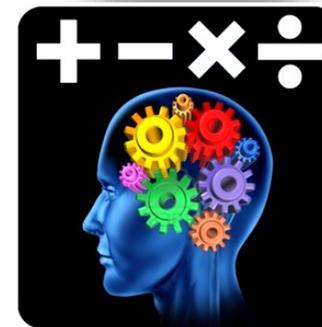
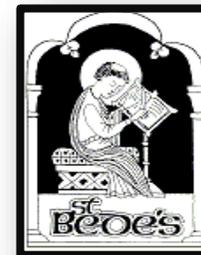




St Bede's
Catholic Infant & Nursery School



Year 2
Mental Maths

A Booklet for Parents

Year 2 Mental Calculation Objectives

By the end of Year 2, children should be confident in the following areas of mental calculation strategies:

Use knowledge that addition can be done in any order

For example:

*put the larger number first
look for pairs that make 10 and add these first
partition and recombine*

Find a small difference by counting up

For example:

Work out mentally that $82 - 79 = 3$ by counting up from 79

Identify near doubles

For example:

Work out mentally that $6 + 7 = 13$ explaining that it is double 6 plus 1

Add or subtract 9, 19, 29... or 11, 21, 31... by adding or subtracting 10, 20 30... and adjusting by 1

For example:

Work out mentally that $24 - 9 = 15$ because it is the same as $24 - 10$ and then $+ 1$

Use patterns of similar calculations

For example:

*Develop and recognise a pattern such as $3 + 5 = 8$
 $13 + 5 = 18$
 $23 + 5 = 28$
and so deduce that $63 + 5 = 68$*
Recognise and use the pattern in, for example:
 $4 + 3 = 7$
 $40 + 30 = 70$
 $400 + 300 = 700$

Use the relationship between addition and subtraction

Use known number facts and place value to add a pair of numbers mentally

For example:

Using knowledge of number bonds to 10 to help with 3 digit number work, and knowledge of number bonds to 100 to help with even greater numbers

Add or subtract a pair of numbers mentally by bridging through 10 or 100, and adjusting

For example:

*Use 2 steps and cross 10 as a middle stage $15 - 8 = 7$
Explain that $15 - 8$ is the same as $15 - 5$ (answer 10) and then $- 3$ (answer 7)*

Use knowledge of number facts and place value to