

MARVELLOUS MENTAL MATHS - KEY SKILLS!



NUMBER BONDS

Number Bonds to 10

$0 + 10 = 10$
 $1 + 9 = 10$
 $2 + 8 = 10$
 $3 + 7 = 10$
 $4 + 6 = 10$
 $5 + 5 = 10$
 $6 + 4 = 10$
 $7 + 3 = 10$
 $8 + 2 = 10$
 $9 + 1 = 10$
 $0 + 1 = 10$

And subtraction facts

$10 - 10 = 0$
 $10 - 9 = 1$
 $10 - 8 = 2$
 $10 - 7 = 3$
 $10 - 6 = 4$
 $10 - 5 = 5$
 $10 - 4 = 6$
 $10 - 3 = 7$
 $10 - 2 = 8$
 $10 - 1 = 9$
 $10 - 0 = 10$

Number Bonds to 20

$0 + 20 = 20$
 $11 + 9 = 20$
 $12 + 8 = 20$
 $13 + 7 = 20$
 $14 + 6 = 20$
 $15 + 5 = 20$
 $16 + 4 = 20$
 $17 + 3 = 20$
 $18 + 2 = 20$
 $19 + 1 = 20$
 $20 + 1 = 20$

And subtraction facts

$20 - 20 = 20$
 $20 - 19 = 1$
 $20 - 18 = 2$
 $20 - 17 = 3$
 $20 - 16 = 4$
 $20 - 15 = 5$
 $20 - 14 = 6$
 $20 - 13 = 7$
 $20 - 12 = 8$
 $20 - 11 = 9$
 $20 - 10 = 10$
 And so on...

Number Bonds to any number up to 20 (and the related subtraction facts)

For example:
Number bonds to 7

$0 + 7 = 7$
 $1 + 6 = 7$
 $2 + 5 = 7$
 $3 + 4 = 7$
 $4 + 3 = 7$
 $5 + 2 = 7$
 $6 + 1 = 7$
 $7 + 0 = 7$

And subtraction facts

$7 - 7 = 0$
 $7 - 6 = 1$
 $7 - 5 = 2$
 $7 - 4 = 3$
 $7 - 3 = 4$
 $7 - 2 = 5$
 $7 - 1 = 6$
 $7 - 0 = 7$

PLACE VALUE AND COUNTING

Read any number to 100

Read and write numbers 1 -20 (numbers and words)

Count to and across 100 in 1s from any number forward and backwards

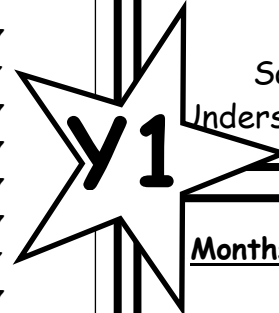
Count to and across 100 in 10s from any number forward and backwards (e.g. 23, 33, 43, 53 etc.)

Locate any number on a 1-100 grid

Count in 2s, 5s and 10s

Say what is 1 more and 1 less than any number to 100

Understand place value in numbers beyond 20 (e.g. $43 = 40 + 3$)



Months of the Year!

January
 February
 March
 April
 May
 June
 July
 August
 September
 October
 November
 December
 (And know how many days in each - the knuckle trick!)

Days of the Week

Monday
 Tuesday
 Wednesday
 Thursday
 Friday
 Saturday
 Sunday

FRACTION ACTION!

Recognise, name and find $\frac{1}{2}$ of a shape, quantity, length or set of objects.

Recognise, name and find $\frac{1}{4}$ of a shape, quantity, length or set of objects.

KNOW YOUR DOUBLES AND HALVES UP TO 20

Interactive Resources: Give a Dog a Bone, Eggs to Order, Splat Square, Spooky Sequences, Number Bond Balloons

Dice Games: Don't Roll a 6, Incy Wincy Spider, Don't Make 10, Race Track