EP’s MARVELLOUS MENTAL MATHS – KEY SKILLS!

Fluent recall of DOUBLES and HALVES up to 20

Interactive Resources: Multiple Wipeout, Table Mountain, Wipeout Wall Division, Number Bond Balloons, Eggs to Order

Dice Games: Don’t Roll a 6, 4 Rolls to 100, The Nice Nasty Game

**FRACTION ACTION!**

Count in ½s and ¼s from any number up to 10 (e.g. 1 ¼, 1 ½, 1 ¾, 2 etc.)

Recognise simple equivalent fractions (e.g. 2/4 and 1/2)

Recognise, find, name and write fractions 1/3, ¼, 2/4 ½ and ¾ of a length, shape, quantity or set of objects

**MULTIPLICATION AND DIVISION**

Know your 2x 5x 10x tables inside out and recognise their multiples

10 Times Table

0 x 10 = 0

1 x 10 = 10

2 x 10 = 20

3 x 10 = 30

4 x 10 = 40

5 x 10 = 50

6 x 10 = 60

7 x 10 = 70

8 x 10 = 80

9 x 10 = 90

10 x 10 = 100

11 x 10 = 110

12 x 10 = 120

And ÷ facts

For example:

30 ÷ 10 = 3

40 ÷ 10 = 4

80 ÷ 10 = 8

5 Times Table

0 x 5 = 0

1 x 5 = 5

2 x 5 = 10

3 x 5 = 15

4 x 5 = 20

5 x 5 = 25

6 x 5 = 30

7 x 5 = 35

8 x 5 = 40

9 x 5 = 45

10 x 5 = 50

11 x 5 = 55

12 x 5 = 60

And ÷ facts

For example:

15 ÷ 5 = 3

20 ÷ 5 = 4

45 ÷ 5 = 9

2 Times Table

0 x 2 = 2

1 x 2 = 2

2 x 2 = 4

3 x 2 = 6

4 x 2 = 8

5 x 2 = 10

6 x 2 = 12

7 x 2 = 14

8 x 2 = 16

9 x 2 = 18

10 x 2 = 20

11 x 2 = 22

12 x 2 = 24

And ÷ facts

For example:

4 ÷ 2 = 2

8 ÷ 2 = 4

16 ÷ 2 = 8

Number Bonds to 100

(And subtraction facts)

0 + 100 = 100

10 + 90 = 100

20 + 80 = 100

30 + 70 = 100

40 + 60 = 100

50 + 50 = 100

60 + 40 = 100

70 + 30 = 100

80 + 20 = 100

90 + 10 = 100

100 + 0 = 100

Number Bonds to 20

(And subtraction facts)

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

**Y2**

NUMBER BONDS

Know number bonds and recall fluently for all the numbers up to 20

(e.g. bonds to 8, bonds to 12)

**PLACE VALUE AND COUNTING**

Read any number to at least 100

Recognise the place value of each digit in a two-digit number

Partition numbers up to 100 into 10s and 1s (e.g. 25 = 20 + 5)

Compare and order numbers to 100

Count in steps of 2, 3 and 5 from 0 forwards and backwards

Count in steps of 10 from any number forwards and backwards

Recognise ODD and EVEN numbers