



Deepdale Community Primary School

End of Year: Maths Year 3

Number Non-negotiables

Through regular opportunities throughout the year to revisit and apply the high value learning below, by the end of the year the great majority of children will have achieved the following non-negotiables:

Place value

The great majority of children will be able to:

Say what each digit represents in a 3 digit number

Partition 3 digit numbers in different ways.

e.g. $146 = 100 + 40 + 6$ and $146 = 130 + 16$

Compare and order 3 digit numbers to 1000.

Find 1, 10 or 100 more or less than any given number.

Count in multiples of 4, 8, 50 and 100.

Solve number problems and practical problems involving all of the above

Number: Addition and Subtraction

The great majority of children will be able to:

Add and subtract mentally 3-digit numbers and ones e.g. $256 + 8$

Add and subtract mentally 3-digit numbers and tens e.g. $453 + 40$

Add and subtract mentally 3-digit numbers and hundreds e.g. $378 + 500$

Recall addition and subtraction facts for 100 (multiplies of 5: $65 + 35$; multiples of 10: $70 + 30$)

Add numbers with up to 3-digits using written columnar method.

Subtract numbers with up to 3-digits using written columnar method.

Solve number problems, including missing numbers and using number facts

Number: Multiplication and Division

The great majority of children will be able to:

Fluently recall the 3, 4 and 8 times tables and related division facts

Use known multiplication facts to multiply a multiple of 10 by a 1-digit number. e.g. 60×3

Use partitioning to double any 2-digit number

Multiply a 2-digit number by a 1-digit number using a written method

Use known division facts to divide a multiple of 10 by a 1-digit number. e.g. $60 \div 3$

Use partitioning to halve even numbers e.g. find half of 162

Divide a 2-digit number by a 1-digit number using a written method

Solve problems involving the above

Number: Fractions

The great majority of children will be able to:

Find fractions of diagrams and pictures for unit and non-unit fractions

Understand what fractions make a whole. e.g. $\frac{4}{4}$ is the same as 1

Understand the relationship between a tenth and dividing one whole into 10 equal parts

Count up and down in tenths

Find fractions of amounts for unit and non-unit fractions with small denominators

Using diagrams, show simple equivalent fractions with small denominators e.g. $\frac{2}{3} = \frac{4}{6}$

Compare and order unit fractions and fractions with the same denominator

Add and subtract fractions with the same denominator within a whole.

Solve problems involving the above