



# Deepdale Community Primary School

## Spring term: Maths Year 5

### Termly Number Non-negotiables

Within teaching there will be reasoning opportunities for children on a daily basis, allowing them to develop their skills in explaining and justifying their thinking

**Non-negotiable:** Learning from the autumn term will be consolidated and practised during 'Everyday Maths' sessions and within consolidation opportunities

#### Number: Multiplication and Division

The great majority of children will be able to:

Multiply 4-digits by 1-digit using a written method

Multiply 3-digits by 2-digits using a written method

Divide 4-digits by 1-digit using a written method

Divide with remainders

**Solve two step problems using the above**

#### Number: Fractions

The great majority of children will be able to:

Compare and order fractions whose denominators are multiples of the same number

Write equivalent fractions of a given fraction

Recognise improper fractions and mixed numbers and convert from one to another

Add and subtract fractions with denominators that are multiples of the same number

Add and subtract fractions with mixed numbers, with denominators that are multiples of the same number

Multiply a fraction by a whole number

**Solve problems using the above**

#### Number: Decimals and Percentages

The great majority of children will be able to:

Recognise and use thousandths

Round decimals with 2 decimal places to the nearest whole number and to 1 decimal place

Order and compare decimals to three decimal places

Use place value to add and subtract decimals e.g.  $0.45+0.005$ ;  $0.44-0.09$

Partition to add and subtract decimals e.g.  $4.7-2.5$

Use number bonds to add and subtract decimals e.g.  $1.5+2.7$  using knowledge of  $15+27=42$

Use addition and subtraction facts to 1 to calculate crossing the whole e.g.  $0.74+0.48$  is  $0.74+0.26$  (1)  $+0.22$

Use partitioning to double and half numbers with up to 2 decimal places

Multiply and divide decimals by 10,100,1000

Recognise the % symbol, and understand that it relates to 'number of parts per hundred'

Recognise and write decimal/percentage equivalents for tenths, hundreds and thousandths. E.g.  $7/10$  is 70% is 0.7 and  $7/100$  is 7% is 0.07

**Solve problems using the above**