Year 4 Fundamentals- Maths

Number

Place value

* I can read, write, compare and order numbers to 10,000 (knowing the value of each digit)

* I can round to nearest 10, 100, 1000 & decimals (1dp) to nearest whole

X ÷

* I know x and ÷ facts to 12 x 12 (including x ÷ by 1 & 0 and x 3 numbers together)

* I can use short x and ÷ methods

+ -

* I can use column method to + - up to 10,000 with regrouping

* I can + and - nearest multiple of 10, 100 or 1000 and adjust regrouping

Fractions, decimals and percentages (FDP)

* I can recognise and show common equivalent fractions (including common decimal equivalences)

* I can+ and - fractions with the same denominator

Counting (forwards and backwards)

* I can count in 6, 7, 9, 25 and 1000 forwards and backwards (including negative numbers)

* I can count in 100ths and know that you get 100ths when dividing 1-digit by 100.

Shape / space / measure

Measurement

* I convert between different units of measure e.g. mm to cm to m to km, ml to l, g to kg, hours to minutes

Geometry – shape

* I can compare and classify shapes based on their properties, including identifying lines of symmetry and comparing angles.

Time

* I can read, write and convert time between analogue and digital 12 and 24 hour clocks

Position and Direction

* I can describe movements between positions as translations and plot polygons using coordinates given to me

Statistics

* I can solve comparison, sum and difference problems using info present in bar charts, pictograms, tables and other graphs

Being a mathematician

Reasoning

* I can talk about, describe and show how I have come to an answer or prediction

Problem solving

* I can work systematically and spot patterns by visualising and making guesses and predictions

Communication

* I can think about and explain how I solved a maths problem

Fluency

* I can work efficiently, spotting and correcting mistakes

Reflection

* I can use my own strategies and those taught to me to make corrections and improvements