Year 4 Fundamentals of Mathematics

Number

Place value
* I can read, write, order and compare up to 10,000 (knowing value of each digit)
* I can round to nearest 10, 100 1000 & decimals (1dp) to nearest whole number

X ÷
* I can recall **x** and ÷ facts to 12 **x** 12 (including **x** and ÷ by 1 & 0 and multiplying 3 numbers together)
* I can use short **x** and ÷ methods

+ -
* I can + and – numbers up to 10,000 with regrouping (using column method)
* I can + and - the nearest multiple of 10, 100 or 1000 & adjust

FDP
* I can recognise and show common equivalent fractions (inc. common decimal equivalences)
* I can + and - fractions with the same denominator

Counting (forwards and backwards)
* I can count in powers of 10 up to 1,000,000
I can count forwards & backwards with positive and negative whole numbers including through zero

Shape, Space and Measure

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

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 hr) clocks.

Position & Direction
* I can describe movements between positions as translations and plot polygons using coordinates given.

Statistics
* I can solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs

Being a Mathematician

Reasoning
* I can describe, convince & justify my decisions following lines of enquiry & generalising

Fluency
* I work efficiently and accurately

Problem solving
* I can work systematically & spot patterns by visualising & making conjectures.

Communication
* I can make my mathematical thinking clear to myself and others. **(Orally & using words, pictures or numbers)**

Reflection
* I can use my own and suggested strategies to make corrections and improvements.