Fulfen Primary School — Leading the way to a brighter future

Year 5 Maths

NUMBER AND PLACE VALUE

- NP8 – Solve number and practical problems.
- NP7 – Round numbers to the nearest 10, 100, 1000, 10,000 and 100,000 up to 1,000,000.
- NP6 – Use negative numbers in context and count through zero with positive and negative numbers.
- NP5 – Recognise years written in Roman numerals.
- NP4 – Read Roman numerals to 1000 (M).
- NP3 – Count forwards or backwards in steps of powers of 10 for any given number up to 1,000,000.
- NP2 – Know what each digit represents in numbers to 1,000,000.
- NP1 – Read, write and compare numbers to 1,000,000.

ADDITION AND SUBTRACTION

- AS6 – Solve multi-step word problems using appropriate operations and methods.
- AS5 – Subtract mentally, using increasingly large numbers.
- AS4 – Add mentally, using increasingly large numbers.
- AS3 – Use rounding to check answers.
- AS2 – Subtract numbers with more than 4-digits.
- AS1 – Add numbers with more than 4-digits.

MULTIPLICATION & DIVISION

- MD8 – Establish whether a number up to 100 is prime and recall prime numbers up to 19.
- MD7 – Identify multiples and factors including finding all factor pairs.
- MD6 – Multiply and divide whole numbers and decimals by 10, 100 and 1000.
- MD5 – Recognise and use square and cube numbers.
- MD4 – Solve multiplication and division problems.
- MD3 – Use vocabulary of prime number, prime factors and composite numbers.
- MD2 – Divide 4-digit numbers by 1-digit using a written method.
- MD1 – Multiply 4-digit numbers by 1-digit and 2-digit numbers using a written method.

FRACTIONS & DECIMALS

- FD12 – Solve problems which require knowing percentage and decimal equivalents.
- FD11 – Identify, name and write equivalent fractions of given fractions.
- FD10 – Recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents.
- FD9 – Recognise the % symbol and write percentages as a fraction with denominator 100 and decimal fractions
- FD8 – Solve number problems up to 3 decimal places.
- FD7 – Recognise mixed numbers and improper fractions and convert from one form to another.
- FD6 – Read, write, order and compare numbers with up to 3 decimal places.
- FD5 – Add and subtract fractions with the same denominator and related fractions.
- FD4 – Compare and order fractions whose denominators are all multiples of the same number.
- FD3 – Multiply proper fractions and mixed numbers by whole numbers.
- FD2 – Read and write decimal numbers as fractions.
- FD1 – Round decimals with 2 decimal places to the nearest whole number and 1 decimal place.

STATISTICS

- S4 – Complete, read and interpret information in time tables.
- S3 – Complete, read and interpret information in tables.
- S2 – Solve comparison, sum and difference problems using information presented in line graphs.
- S1 – Solve comparison, sum and difference problems using information presented in charts.

MEASUREMENTS

- M6 – Using the four operations, solve problems involving units of measures with decimal notation.
- M5 – Recognise and estimate volume and capacity.
- M4 – Understand and use basic equivalence between metric and imperial units.
- M3 – Convert between different units of measure.
- M2 – Measure and calculate the perimeter of composite compound rectilinear shapes in cm and m.
- M1 – Calculate and compare the area of squares and rectangles.

GEOMETRY

- G8 – Identify angles at a point and one whole turn.
- G7 – State and use the properties of a rectangle to deduce related facts.
- G6 – Identify, describe and represent the position of a shape following a reflection or translation.
- G5 – Identify angles at a point on a straight line and half turn.
- G4 – Identify 3-D shapes, including cuboids from 2-D presentations.
- G3 – Draw a given angle, writing its size and degrees.
- G2 – Distinguish between regular and irregular polygons.
- G1 – Identify acute, obtuse and reflex angles.