



## YEAR 4 Medium Term Plan 2022-2023

Objectives highlighted in yellow are 'Ready to Progress criteria'

### Autumn

#### Place Value

- Read and write numbers up to 1,000 in numerals and words (Y3)
- Identify, represent and estimate numbers using different representations
- Recognise the place value of each digit in a 3-digit number (hundreds, tens, ones) (Y3)
- Count in multiples of 6, 7, 9, 25 and 1,000
- Recognise the place value of each digit in a 4-digit number (thousands, hundreds, tens and ones)
- Find 1,000 more or less than a given number
- Order and compare numbers beyond 1,000
- Read Roman numerals to 100 (I to C) and know that over time, the numeral system changed to include the concept of zero and place value
- Round any number to the nearest 10, 100 or 1,000

**4NPV-1** Know that 10 hundreds are equivalent to 1 thousand, and that 1,000 is 10 times the size of 100; apply this to identify and work out how many 100s there are in other four-digit multiples of 100

**4NPV-2** Recognise the place value of each digit in four-digit numbers, and compose and decompose four-digit numbers using standard and non-standard partitioning.

**4NPV-3** Reason about the location of any four-digit number in the linear number system, including identifying the previous and next multiple of 1,000 and 100, and rounding to the nearest of each.

**4NPV-4** Divide 1,000 into 2, 4, 5 and 10 equal parts, and read scales/number lines marked in multiples of 1,000 with 2, 4, 5 and 10 equal parts.

#### Addition & Subtraction

- Add and subtract numbers with up to four digits using the formal written methods of columnar addition and subtraction where appropriate
- Solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why
- Estimate and use inverse operations to check answers to a calculation

#### Measurement Area

- Find the area of rectilinear shapes by counting squares

#### Multiplication and Division A

- Recall multiplication and division facts for multiplication tables up to  $12 \times 12$
- Recognise and use factor pairs and commutativity in mental calculations
- Count in multiples of 6, 7, 9, 25 and 1,000

• Use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1; multiplying together three numbers

**4NF-1** Recall multiplication and division facts up to  $12 \times 12$  and recognise products in multiplication tables as multiples of the corresponding number.

**4NF-2** Solve division problems, with two-digit dividends and one-digit divisors, that involve remainders, and interpret remainders appropriately according to the context.

**4MD-2** Manipulate multiplication and division equations, and understand and apply the commutative property of multiplication.