



MATHS

Number – place value (Week 1-3)

- Count in multiples of 6, 7, and 9. 25 and 1000.
- Find 1000 more or less than a given number.
- Count backwards through zero to include negative numbers.
- Recognise the place value of each digit in a four digit number (thousands, hundreds, tens and ones)
- Order and compare numbers beyond 1000.
- Identify, represent and estimate numbers using different representations.
- Round any number to the nearest 10, 100 or 1000.
- Solve number and practical problems that involve all of the above and with increasingly large positive numbers.
- 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.



Number – Addition & Subtraction (Week 4 – 6)

- Add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate.
- Estimate and use inverse operations to check answers to a calculation.
- Solve addition and subtraction two step problems in contexts, deciding which operations and methods to use and why.



Number – multiplication and division (Week 7 – 10)

- Recall and use multiplication and division facts for multiplication tables up to 12 x 12.
- 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.
- Recognise and use factor pairs and commutativity in mental calculations.
- Multiply two digit and three digit numbers by a one digit number using formal written layout.
- Solve problems involving multiplying and adding, including using the distributive law to multiply two digit numbers by one digit, integer scaling problems and harder correspondence problems such as n objects are connected to m objects.

Measurement – Area (Week 11-12)

- Find the area of rectilinear shapes by counting squares

Mental Mathematics

- Find 1000 more/less than a given number.
- Add and subtract £1, 10p and 1p to amounts of money.
- Know the 3x and 4x table. Apply and investigate. Know associated division facts.
- Know by heart, quickly derive number bonds to 100 and £1
- Add and subtract any two 2 digit numbers by partitioning or counting on

