Numeracy

Place value, ordering and rounding to include:

- Rehearsing counting back beyond zero.

Understanding + and - to include:

- Mentally adding 2-digit numbers, adding the tens first and partitioning into tens and units.
- Mentally subtracting one 2 digit number from another using the 'counting on' or other strategy.

Mental Calculation Strategies (+ and -) to include:

- Rehearsing mentally adding multiples of 10 to 2 and 3-digit numbers.
- Mentally adding 2 or 3-digit numbers to multiples of 10, 100 or 1000.
- Rehearsing adding near doubles.

Making Decisions and Checking Results to include:

- Checking answers with an equivalent calculation.
- Choosing and using appropriate number operations and efficient calculation strategies to solve problems.

Money and 'real life' problems to include:

- Solving word problems involving money.
- Recognising negative amounts in the context of 'real life' money problems.

Measures, including problems about measures to include:

- Measuring capacity in ml and l and knowing the relationship between these.
- Introducing measuring in pints and to recognise an approximate relationship between l and pints.
- Understanding area as 'covering in 2 dimensions'.
- Introducing square centimetres as a measure and measuring in non-standard units.
- Understanding the meaning of perimeter and understand the difference between area and perimeter.

Counting and properties of number to include:

- Counting on and back in 2s, 3s, 4s, 5s, and 10s.
- Recognising odd and even numbers to 1000 and recognising sum totals and differences of odd and even numbers.
- Recognising negative numbers in context.

Understanding x and ÷ to include:

- Rehearsing the x3 and x7 tables and associated division facts.
- Multiplying by partitioning into tens and units.

Mental calculation strategies x and ÷ to include:

- Deriving the x6 table by doubling x3 and deriving the x9 table.
- Beginning to learn the x6 and x9 tables and division facts.
- Recognising patterns in the x9 table.
- Constructing a multiplication square.
- Introducing the effect of multiplying or dividing a number up to 1000 by 10.
- Beginning to x a number up to 1000 by 100.
- Estimating the result of a multiplication using known facts.
- Instant recall of x tables and associated division facts.

Pencil and paper procedures (x and ÷) to include:

- Multiplying using informal written methods.

Rapid recall of multiplication facts to include:

- Knowing multiplication facts for 2x, 3x, 4x, 5x, 6x, 8x, and 10x tables.

Shape and space to include:

- Rehearsing the concept of line symmetry and recognising the line symmetry properties of polygons.
- Sketching the reflection of a shape in a mirror line.
- Rehearsing recognition of common 3-d shapes.
- Introducing the terms polyhedron and tetrahedron.
- Understanding the concept of a net and using it to construct 3-d shapes.
- Rehearsing measuring right angles.
- Recognising the 8 compass directions and measuring the angles of these.
- Revising 2-d shape names and properties.

Reasoning about numbers to include:

- Recognising the multiples of 2, 3, 4, 5 and 10 up to the 10th multiple.

Reasoning about shapes to include:

- Making and investigating a statement about familiar shapes by finding examples that satisfy it.

Time to include:

- Understanding and reading a timetable.
- Solving problems involving time.

Handling data to include:

- Constructing and interpreting Venn and Carroll diagrams based on two intersecting sets of observations.
- Rehearsing and using a pictograph to represent data.
- Constructing and interpreting pictographs where one symbol represents several units.

Fractions to include:

- Comparing and ordering fractions and recognising the location of a fraction on a number line.
- Finding fractions of amounts.
- Relating fractions to divisions.

Literacy

This term we will be learning …

✓To use independent spelling strategies including; sounding out; recognising common letter strings; building from other words; spelling by analogy; using word banks and dictionaries.

✓Use joined handwriting for all for all writing except where other forms are required.

✓Identifying syllabic patterns in multi-syllabic words.

✓Investigate suffixes, prefixes and common word endings and to understand why vocabulary changes over time.

✓To extend work on adjectives and adjectival phrases including comparative, superlative and scales of intensity.

✓To recognise and use commas, connectives and full stops to join and separate clauses.

✓To recognise and use apostrophes for both contraction and possession.

✓To compare and contrast settings, reviewing a range of stories and how they're targeted at different readers.

✓To understand and use expressive, descriptive and figurative language.

✓To write poetry based on structure and style of those read.

✓To identify and use key features of explanatory texts, making notes and improving.

✓To appraise non-fiction, prepare for and undertake factual research.

✓To collaborate with others to write stories in chapters with particular audiences in mind.

Key texts/Authors/Poets:

✓FICTION AND POETRY: stories and novels about imagined worlds: sci-fi, fantasy adventures; stories in a series; classic and modern poetry, including poems from different cultures and times.

✓NON-FICTION: (i) information books on same or similar themes; (ii) explanation

✓Toilet Paper Tigers by Gordon Korman