

NUMERACY Term 1 (An overview of Learning Objectives)

Place value, ordering and rounding to include:

- Knowing what each digit in a 3 digit number represents and partitioning 3 digit numbers in to hundreds, tens and ones.
- Recognising the relationship between hundreds, tens and units.
- Reading and writing whole numbers up to 1000 in figures and words.
- Saying that a number is 1, 10 or 100 more or less than any given 2 or 3 digit number.

Understanding + and - to include:

- Extending understanding of addition and subtraction.
- Using and beginning to read the related vocabulary.
- Using the +, - and = signs to record mental additions in a number sentence.
- Extending understanding that more than two numbers can be added together.
- Recognising that addition can be done in any order but not subtraction.
- Recognising related addition facts and using addition bonds as a strategy to subtract.
- Extending understanding of addition and subtraction by using known facts to add and subtract multiples of 5 and 10.

Mental Calculation Strategies (+ and -) to include:

- Using the knowledge that addition can be done in any order to do mental calculations more efficiently.
- Knowing by heart all addition and subtraction facts for each number up to 20.
- Using known number facts to subtract a 1 digit from a 2 digit number. (not crossing 10)
- Recognising when a subtraction leaves a multiple of 10.
- Rehearsing pairs of multiples of 10 with a total of 100 and beginning to know all pairs of multiples of 100 with a total of 1000.
- Beginning to learn pairs of multiples of 5 that make 100.

Making Decisions and Checking Results to include:

- Recognising halving as the inverse of doubling and using doubling or halving, starting from known facts.
- Choosing and using appropriate operations and efficient calculation strategies to solve problems.

Money and 'real life' problems to include:

- Using mental addition to solve simple one and two step problems explaining the method.
- Finding totals, giving change and working out with which coins to pay.
- Solving simple problems involving money and 'real life' situations using one or more steps.
- Solving problems involving addition and subtraction.

Measures, including problems about measures to include:

- Understanding, using, writing and reading vocabulary related to length.
- Measuring and comparing using standard units of length.
- Knowing the relationships between kilometre and metres, metres and centimetres.
- Suggesting suitable units and measuring equipment to estimate or measure length.
- Finding the total of more than two lengths
- Solving word problems involving measures, using one or more steps.

Counting and properties of number to include:

- Describing and extending number sequences- counting in steps of 2 or 4.
- Describing and extending number sequences- counting on or back in steps of 10's or 100's from any 2 or 3 digit number.
- Rehearsing the multiples of 3 and 4.

- Counting on in steps of 2, 3, 4 and 5 from any small number to at least 50, then back again.

Understanding x and ÷ to include:

- Understanding multiplication as repeated addition.
- Using and beginning to read and write the related vocabulary.
- Understanding division as grouping (repeated subtraction) or sharing.
- Beginning to recognise the relationship between multiplication and division.
- Recognising that multiplication is the inverse of division and doubling is the inverse of halving.
- Beginning to say or write a division statement related to a multiplication statement.

Mental calculation strategies x and ÷ to include:

- Rapidly recalling multiplication and division facts. Knowing by heart the facts for the 2 times table and their corresponding divisions.
- Rehearsing that doubling is twice a number.
- Deriving quickly doubles and corresponding halves of any number up to 20.

Shape and space to include:

- Classifying and describing 2D shapes, including quadrilaterals.
- Identifying and sketching lines of symmetry in simple shapes.
- Recognising shapes with no lines of symmetry.

Reasoning about numbers to include:

- Investigating a general statement about familiar numbers by finding examples that satisfy it.

Reasoning about shapes to include:

- Investigating a general statement about familiar shapes by finding examples that satisfy it.

Time to include:

- Using and beginning to read and write the vocabulary related to time.
- Using units of time and knowing the relationships between them.
- Telling the time to the quarter hour and the nearest five minutes on digital and analogue clocks.
- Solving simple word problems involving five minute intervals.

Handling data to include:

- Solving a given problem by sorting, classifying and organising, interpreting data using tally charts.
- Recognising a time a number of minutes earlier or later than a given time.

Fractions to include:

- Recognising fractions such as $\frac{1}{2}$, $\frac{1}{3}$ and $\frac{1}{4}$, and using them to find fractions of shapes and numbers.

LITERACY Term 1 (An overview of Learning Objectives)

This term we will be learning:

- ✓ To compare a range of story settings and use them in our own stories, beginning to organise them into paragraphs using the correct tense.
- ✓ To recognise the difference in fiction and non-fiction and use the organisational features of non-fiction texts in reading and use them in writing non-chronological reports.
- ✓ To read, recite and write shape poems and poems based on observation and the senses.
- ✓ To read and write simple play scripts.
- ✓ To secure spelling patterns including, adding ing, le, common prefixes and synonyms.

- ✓ To write in complete sentences demarcated with full stops and capital letters.
- ✓ To use commas to separate items in a list.
- ✓ To secure knowledge of question and exclamation marks in reading and writing.
- ✓ To begin to use the basic conventions of speech punctuation.

KEY TEXTS/AUTHORS/POETS
The Greatest Christmas Pageant