

NUMERACY Term 1 (An overview of Learning Objectives)

Place value, ordering and rounding to include:

- Knowing what each digit in a 2 digit number represents, including 0.
- Partitioning 2 digit numbers in to tens and ones.
- Using and beginning to read the vocabulary of comparing and ordering numbers.
- Comparing 2 given 2 digit numbers saying which is more or less and giving a number between them.

Understanding + and - to include:

- Extending understanding of addition and subtraction by using the +, - and = signs to record mental additions in a number sentence.
- Using and beginning to read the related vocabulary.
- Rapidly recalling addition and subtraction facts. Knowing by heart for each number to at least 10.
- Recognising that addition can be done in any order but not subtraction.

Mental Calculation Strategies (+ and -) to include:

- Recognising the use of a symbol such as □ or _ as an unknown number.
- Using the knowledge that addition can be done in any order to do mental calculations more efficiently.
- Adding 10, 20 or 30 to a 2 digit number.
- Adding 11 or 12 to a number by adding 10 and adjusting.

Making Decisions and Checking Results to include:

- Repeating addition in a different order to check results.
- Checking answers with an equivalent calculation.
- 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.
- Recognising the relationship between coins and exchanging a coin for its equivalent amount.
- Recognising all coins and begin to use £ and p for money.
- Finding totals, giving change and working out with which coins to pay.
- Solving simple problems involving money and 'real life' situations.

Measures, including problems about measures to include:

- Understanding, using and reading vocabulary related to length.
- Estimating, measuring and comparing lengths using standard units (m, cm).
- Suggesting suitable units and equipment for measuring.
- Using addition and subtraction to solve simple word problems involving measures.

Counting and properties of number to include:

- Knowing the number names and reciting them in order to at least 100 and back to zero.
- Reading, writing and ordering numerals up to at least 100 in figures and words.
- Counting reliably up to 100 objects by grouping them.
- Describing and extending simple number sentences by counting on and back in 1's, 2's, 5's, 10's and 100's from any small number.
- Recognising odd and even numbers.
- Beginning to know by heart all pairs of numbers totalling 20 and all pairs of multiples of 10 totalling 100.

Understanding x and ÷ to include:

- Understanding multiplication as repeated addition.

- Using and beginning to read the related vocabulary.
- Using the x and = signs to record mental calculations in a number sentence.

Mental calculation strategies x and ÷ to include:

- Using known number facts to carry out simple mental multiplications.
- Knowing by heart doubles of all numbers to 10.

Shape and space to include:

- Using mathematical vocabulary to describe position, direction and movement.
- Recognising clockwise and anti-clockwise turns.
- Using common mathematical terms for common 3-D shapes. (Pyramid and cylinder)
- Sorting 3-D shapes and describing some of their features.
- Using addition and subtraction to solve word problems involving shape.
- Investigating a general statement about familiar shapes.

Reasoning about numbers to include:

- Solving mathematical problems or puzzles recognising simple patterns and relationships.

Time to include:

- Using and beginning to read the vocabulary related to time.
- Reading the time to the hour, half hour or quarter hour on an analogue and digital clock.

Handling data to include:

- Solving a given problem by sorting, classifying and organising.
- Presenting information in simple ways, discussing and explaining the results.

Fractions to include:

- Recognising and finding one half and one quarter of shapes and beginning to recognise one half and one quarter of a small number of objects.

LITERACY Term 1 (An Overview of Learning Objectives)

This term we will be learning:

- ✓ To listen to, follow and give a series of simple instructions.
- ✓ To know what makes a good set of instructions and write a set of instructions independently.
- ✓ To talk about texts, discuss characters, compare stories and answer questions.
- ✓ To plan and retell a story, using the correct tense, punctuation, adding time connectives.
- ✓ To plan and write a letter, including correct punctuation and conventions, including addressing an envelope.
- ✓ To learn, re-read, recite and write simple poems.
- ✓ To spell words ending in **s** (plural), **ing** (present tense) and **ed** (past tense).
- ✓ To begin using and practising the 1st of the four handwriting joins (diagonal joins to letters without ascenders).

KEY TEXTS/AUTHORS/POETS:

Flat Stanley by Jeff Brown