

Numeracy

Understanding x and + to include:

- Rehearsing multiplying HTU x U using informal written methods.
- Rehearsing the concept of a remainder.

Mental Calculation Strategies to include:

- Multiplying HTU x U and TU x TU using a written method.
- Recalling decimal addition pairs to 1 and 10.
- Recognising what must be added to a decimal number to make the next whole number.
- Recognising the relationship between addition and subtraction.
- Recognising that from one addition or subtraction fact three other related facts can be found.

Making Decisions and Checking Results to include:

- Choosing and using appropriate number operations to solve problems.
- Checking these answers with an equivalent calculation.
- Developing calculator skills and using a calculator effectively.
- Choosing an appropriate strategy to multiply mentally.
- Estimating by approximating then checking the result.

Money and 'real life' problems to include:

- Solving simple word problems involving numbers based on 'real life' using one or more steps.
- Solving simple 'real life' word problems involving money and measures.

Fractions, decimals and percentages to include:

- Rounding a 1 or 2 place decimal number to its nearest whole number.
- Mentally adding or subtracting decimals (crossing units or tenths).
- Introducing a percentage as a fraction of 100.
- Expressing simple fractions as percentages.
- Finding simple percentages of quantities.

Measures, including problems about measures to include:

- Using, reading and writing standard units of capacity and time and converting larger to smaller units and vice versa.
- Suggesting suitable units and tools to measure different capacities and times.
- Measuring the capacity of several containers using a measuring jug.

Shape and space and reasoning about shapes to include:

- Introducing the concept of rotation and recognising the positions of shapes after rotations.
- Rehearsing degree as a measure of angle.
- Rehearsing the relationship between degrees and right angles.
- Calculating angles with a right angle and on a straight line.
- Rehearsing recognition of equilateral and isosceles triangles.
- Introducing right angled and scalene triangles.
- Naming and classifying different triangles and their properties.
- Introducing and recognising acute, obtuse and reflex angles in shapes.
- Measuring and drawing angles using a protractor and estimating an angle in degrees.

Pencil and paper procedures (+ and -) to include:

- Adding two or more decimal numbers using standard written methods.
- Subtracting 2 place decimals using standard written methods.

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

- Multiplying U.t x U using a written method.
- Rehearsing dividing TU ÷U using informal and standard written methods.
- Dividing HTU÷U using informal and standard written methods.

Properties of numbers and reasoning about numbers to include:

- Solving mathematical problems and puzzles, recognising and explaining patterns and relationships, generalising and predicting.
- Rehearsing and exploring the patterns in the sum of 2 even or 2 odd numbers.
- Exploring patterns in the sum of more than 2 even or 2 odd numbers.
- Introducing square numbers.

Literacy

This term we will be learning ...

- ✓ To build up spelling strategies by investigating and learning spelling rules and exceptions, transforming words, spelling unstressed and polysyllabic words, using a range of dictionaries to efficiently explore spellings, meanings and derivations, using syllabic parts, prefixes, suffixes, common letter strings, spelling patterns; building words from known words including meaning and derivation.
- ✓ To secure the basic conventions of standard English.
- ✓ To investigate clauses and use connectives to link them, using punctuation accurately in complex sentences.
- ✓ To search for, identify and classify a range of prepositions.
- ✓ To revise use of apostrophe for possession.
- ✓ To investigate a range of texts from different cultures recording predictions, questions, reflections while reading, through the use of a reading journal.
- ✓ To identify and change viewpoint writing from different characters points of view.
- ✓ To evaluate a range of texts for persuasiveness (and use of persuasive devices), clarity and quality of information and construct an argument to persuade others of a point of view.
- ✓ To read, evaluate, draft and write letters for real purposes.
- ✓ To make effective notes.
- ✓ To write a commentary on an issue.
- ✓ To explore the challenge and appeal of older literature.
- ✓ To write in the style of a certain author and to write discursively about a
- ✓ To plan, compare, edit and compose explanatory texts, recording and acknowledging sources.

Key texts/Authors/Poets: Scott O'Dell 'The Black Pearl'

Range: Fiction and poetry: novels, stories and poems from a variety of cultures and traditions; choral and performance poetry.

Non-Fiction: (i) persuasive writing to put or argue a point of view: letters, commentaries, leaflets to persuade, criticise, protest, support, object, complain.
(ii) dictionaries, thesauruses, including I.T. sources.