

Year 6

Curriculum Map Spring Term

Mathematics Overview

Measurement:

In this first unit of Year 6, pupils are refining their knowledge of place value, working with numbers between 1 000 000 and 10 000 000. They begin the chapter reading and writing numbers to 10 000 000 using place-value counters, numerals and words. Pupils are then asked to round and compare numbers to 10 000 000, followed by placing them in order from smallest to greatest. The unit ends with pupils rounding numbers to various values and determining when it is appropriate to round numbers.

Percentages

In this chapter, pupils will be exploring how to calculate percentage of numbers and quantities. They will be learning about how to solve for percentage change and use percentage to compare amounts. In the first lesson, pupils will be finding the percentage of a whole number. This will involve both division and multiplication skills. They will then move on to finding the percentage of a quantity, measured in amounts such as litres and millilitres. In the third lesson, pupils will be looking at difference and percentage change before finally moving on to using percentage as a way to compare numbers and amounts.

Ratio

In this chapter, pupils will be comparing quantities, including numbers, objects, fractions and mass before moving on to solving word problems. In the first six lessons, pupils will use bar models and concrete materials to compare amounts. They will be using both pictorial and abstract multiplication and division to support their learning while simplifying and comparing ratios. In the final three lessons, pupils will be solving word problems involving ratio by constructing bar models to support their understanding.

Algebra

In this chapter, pupils will learn some of the conventions of algebra in the context of patterns and real-life problems. The chapter begins with lessons describing patterns and using a letter to denote a variable. Pupils then move on to write expressions using the four operations and fractions, while continuing to look for patterns and determine rules. Throughout the chapter, the expressions become more complex, including more than one variable with multiple steps. Pupils write and evaluate algebraic expressions and use formulae to solve problems in real-life contexts. The chapter ends with pupils using word problems to write equations with two unknown values solving a range of equations.

PE Overview

- Dance
- Gymnastics
- Football
- Netball

RE Overview

Humanism

- To learn about what Humanism is
- To know what the beliefs are and why they feel that the Earth was created through Science not through traditional religions.
- To learn about Humanists celebrate commitment and the
- birth of a child.
- To understand how ceremonies are conducted

French Overview

- Understand and talk about sport (nouns)
- Talk about sports I like and dislike
- Create extended sentence about sports
- Identify the verb, 'jouer'
- Understand funfair ride nouns and say whether I like / dislike
- Describe funfair rides using adjectives and design a fun-fair
- Talk about my favourite things

English Overview

Reading

Bespoke class novels to develop a passion for reading, reading fluency and comprehension.

Ashley Booth, whole class reading, including poetry, fiction and non-fiction to develop reading for meaning, vocabulary knowledge, retrieval, inference, prediction, summarising, explanation and grammatical and presentational features of different genres.

Writing

- Narrative Poetry
- Persuasion
- Discussion
- Descriptive writing
- Suspense

Imitate, innovate and independent writing encompassing planning, drafting, proofreading and editing, revising and redrafting

Poetry performance

Spelling

Using Read, Write, Inc Spelling programme to know and spell:

- Suffixes
- The 'sh' sound spelt 'ti' or 'ci'
- The 'sh' sound spelt 'si' or 'ssi'
- Silent letters
- The spellings 'ei' and 'ie'

Science Overview-Collins Snap Science

- Body Pump
- Danger Low Voltage
- Light up your World

Computing overview-NCCCE curriculum

- Data and Information
- Programming in games

PSHE Overview

The children will be continuing their 'Jigsaw' work focusing on 'Dreams and Goals' and 'Healthy Me'