



English

Unit 2: Creature Great and Small: Poetry.

This unit introduces children to different kinds of poetry based on the theme of creatures great and small. Poetry has the power to bring children up close to the beauty of nature and enable them to travel the world in their mind's eye to see the variety of wild life in their various habitats. Children will be expected to engage with a wider range of literary language and poetic devices. They will learn how poetry can be used to present different perspectives and to position the reader.

Curricular aims of this unit:

- To introduce pupils to a range of poetry on a particular theme
- To encourage pupils to respond imaginatively and creatively to poetry
- To use drawing, sounds and drama to show their understanding of poetry
- To explore a wider range of poetry forms and literary devices
- To engage in poetry reading and performance
- To write their own compositions using poems read as an inspiration for their own compositions.

Unit 6: Historical Fiction

This unit takes children into the past to explore historical events through fictional work. The novel selected explores what life was like at these times, the events taking place and the challenges faced by the characters. Themes of family loss, friendship, survival and resilience are explored through book talk, drama and writing.

Curricular aims of this unit:

- To build setting, historical period and character from detail when reading.
- To deduce characters' behaviours from their actions.
- To become familiar with a wider range of narrative techniques.
- To emulate these narrative techniques in own writing.
- To appreciate the research needed to write a historical novel.
- To write for a variety of purposes using paragraphing and narrative techniques.
- To undertake research about the historical period to broaden knowledge and understanding of the time and place.

The following will be taught and consolidated throughout the year:

• Phonics and Spelling

- apply their growing knowledge of root words, prefixes and suffixes to read aloud and to understand the meaning of new words they meet
- spell words that are often misspelt
- spell words with letter string ough
- write from memory simple sentences, dictated by the teacher, that include words and punctuation taught so far.

• Grammar and Punctuation

- Noun phrases expanded by the addition of modifying adjectives, nouns and preposition phrases
- To vary sentence openers with fronted adverbials
- Use of paragraphs to organise ideas around a theme
- Apostrophes to mark plural possession
- To use writing features including similes, metaphors and personification
- Indicate grammatical and other features by:
 - indicating possession by using the possessive apostrophe with plural nouns
- use and understand the grammatical terminology in English Appendix 2 accurately and appropriately when discussing their writing and reading.
- **Terminology:** possessive pronoun, adverbial, simile, metaphor, personification

• Handwriting

- use the diagonal and horizontal strokes that are needed to join letters.
- increase the legibility, consistency and quality of handwriting [for example, by ensuring that the down strokes of letters are parallel and equidistant; that lines of writing are spaced sufficiently so that the ascenders and descenders of letters do not touch.

Additionally, each class studies a class book during BREAK (Berkswell reads for Enjoyment and Knowledge) sessions. This term, children in Year 4 will be reading 'Treasure Island'

Maths

Number and place value

- solve number and practical problems that involve all of the objectives and with increasingly large positive numbers
- count in multiples of 6, 7, 9, 25 and 1000
- find 1000 more or less than a given number
- count backwards through zero to include negative numbers
- recognise the place value of each digit in a four-digit number (thousands, hundreds, tens, and ones)
- order and compare numbers beyond 1000
- identify, represent and estimate numbers using different representations
- round any number to the nearest 10, 100 or 1000
- read Roman numerals to 100 (I to C) and understand how, over time, the numeral system changed to include the concept of zero and place value.

Addition and subtraction

- solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why
- add and subtract numbers with up to 4 digits using the efficient written methods of columnar addition and subtraction where appropriate
- estimate and use inverse operations to check answers to a calculation

Multiplication Division

- solve problems involving multiplying and adding, including using the distributive law to multiply two digit numbers by one digit, integer scaling problems and harder correspondence problems such as n objects are connected to m objects.
- recall multiplication and division facts for multiplication tables up to 12×12
- use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1; multiplying together three numbers
- recognise and use factor pairs and commutativity in mental calculations
- multiply two-digit and three-digit numbers by a one-digit number using formal written layout (efficient written method of short multiplication for multiplying using multi-digit numbers, and short division with exact answers when dividing by a one-digit number.)
- division two-digit and three-digit numbers by a one-digit number using formal written layout

Statistics

- solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs.

Fractions and Decimals

- solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number
- count up and down in hundredths; recognise that hundredths arise when dividing an object by a hundred and dividing tenths by ten
- identify, name and write equivalent fractions of a given fraction, including tenths and hundredths
- solve simple measure and money problems involving fractions and decimals to two decimal places
- recognise and show, using diagrams, families of common equivalent fractions
- find the effect of dividing a one- or two-digit number by 10 and 100, identifying the value of the digits in the answer as units, tenths and hundredths
- round decimals with one decimal place to the nearest whole number
- compare numbers with the same number of decimal places up to two decimal places

Measures

- solve problems involving converting from hours to minutes; minutes to seconds; years to months; weeks to days
- measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres
- find the area of rectilinear shapes by counting
- estimate, compare and calculate different measures, including money in pounds and pence
- convert between different units of measure (e.g. kilometre to metre; hour to minute)
- read, write and convert time between analogue and digital 12 and 24-hourclocks

Geometry

- identify lines of symmetry in 2-D shapes presented in different orientations
- complete a simple symmetric figure with respect to a specific line of symmetry.
- plot specified points and draw sides to complete a given polygon.

Science

Classification

Pupils learn about the variety of living things and how they can be grouped according to shared characteristics. They use and construct keys to identify unfamiliar animals and plants

Key Concepts

- That the wide variety of living organisms can be sorted into classes that have certain characteristics in common
- That there is a hierarchy for sorting organisms

Developing scientific thinking

This unit supports the following elements in particular:

- asking relevant questions and using different types of scientific enquiries to answer them
- making systematic and careful observations
- recording findings using simple scientific language, keys,
- identifying differences, similarities or changes related to simple scientific ideas and processes

Help Our Habitats!

Children look at the area within and near the school grounds and at the impact of humans on the environment. They discuss the need to balance human requirements against those of the environment.

Key Concepts

1. That humans have an impact on the environment and that this can sometimes be positive or negative for the flora and fauna in the area
2. That there are moral aspects to the way we treat our environment

Developing scientific thinking

This unit supports the following elements in particular:

- asking simple questions and recognising that they can be answered in different ways
- observing closely, using simple equipment
- identifying and classifying
- using their observations and ideas to suggest answers to questions
- gathering and recording data to help in answering questions.

Computing

Branching Databases

In this unit, pupils will be taught:

- To sort objects using just 'yes' or 'no' questions.
- To complete a branching database using 2Question.
- To create a branching database of the children's choice.

Making music

In this unit, pupils will be taught:

- To identify and discuss the main elements of music.
- To understand and experiment with rhythm and tempo.
- To create a melodic phrase.
- To electronically compose a piece of music

Hardware Investigators

In this unit, pupils will be taught:

- To understand the different parts that make up a computer.
- To recall the different parts that make up a computer.

Geography

North America

During the first half term, the children will take a voyage over the Atlantic to discover the continent of North America and all its amazing countries, cities and landscapes. We will learn about the 23 countries of North America, from the vast lands of the USA and Canada down through Central America and on to the Caribbean islands. We will explore various geographical features and different areas of North America and compare them with our own surroundings.

USA

In this, a focused unit on the USA, the children will take a road trip of discovery! They will learn about the 50 states and their characteristics, discover the wild side of the country alongside learning about the unique human and physical features that makes it such an awe-inspiring place.

Music

Continue to play the ukulele.

Blackbird

All the learning in this unit is focused around one song: Blackbird by The Beatles - a song about civil rights.

Reflect, rewind, replay

This Unit of Work consolidates the learning that has occurred during the year. All the learning is focused around revisiting songs and musical activities, a context for the History of Music and the beginnings of the Language of Music.

Art

North America

In this unit of work, the children will learn about how to draw the other half of a famous image, make collage landscapes, create body abstracts, make 'building block' houses, draw patterned skulls and be an artist's model to create quality artwork. They children will have the opportunity to explore the work of various American artists.

Bodies

This unit will teach the children how to use pen, charcoal, felt tip, make maquettes, paper clothes and sculpt models to create interesting pieces.

D&T

Battery Operated Lights

This unit of work gives children the opportunity to enhance their knowledge and understanding of electrical systems. They will develop their knowledge of series and parallel circuits and of different types of switches and be given the chance to apply their knowledge through designing and making a battery operated light which will be controlled by a homemade switch.

Religious Education

Christianity: Agape Love

What does the story of 'the lost sheep' mean?

In this unit children will explore the ideas of Christian love. (Agape) They will recall the story of the lost sheep, discussing what it means and what the undertaking of Christian love will require of a person.

Christianity: Kingdom of God

When Jesus left, what was the impact of Pentecost?

In this unit, pupils will be taught to:

- Make clear links between the story of the Day of Pentecost and Christian belief about the Kingdom of God on Earth.
- Offer suggestions about what the description of Pentecost in Acts 2 might mean.
- Give examples of what Pentecost means to some Christians now.
- Make simple links between the description of the Day of Pentecost in Acts 2, the Holy Spirit and the Kingdom of God, and how Christians live their whole lives and in their church communities.
- Make links between ideas about the Kingdom of God explored in the Bible and what people believe about following God in the world today, expressing some of their own ideas.

French

Children will explore the theme of:

On the Move and Holidays

- Transport
- Geography of France
- Going on holiday to France, French cities, airports
- Connectives, question forms, adjectives
- Weather
- travel

Pupils will revise their skills in listening, speaking, reading (including phonics), writing and grammar

JIGSAW

Jigsaw brings together PSHE Education, emotional literacy, social skills and spiritual development in a comprehensive scheme of learning. Teaching strategies are varied and are mindful of preferred learning styles and the need for differentiation.

During the Summer term, the children will learn about:

Relationships and Changing Me

Physical Education

The Children will be taught two PE sessions each week which focus on the development of the fundamental movement skills.

Real PE unit 5

Real PE unit 6- Athletics

Pupil will be taught to perform 'FAST' technique when sprinting. They will learn how to throw a javelin, perform 'hop, step and jump' from standing. Pupils will be encouraged to develop their running distance as well as passing on a baton and jumping hurdles