

Writing**Narrative**

Write stories that contain mythical, legendary or historical characters or events.

Write plays.

Non-fiction

Write persuasively.

Write explanations.

Poetry

Learn by heart and perform a significant poem.

Reading

Listen to and discuss a wide range of texts.

Learn poetry by heart.

Increase familiarity with a wide range of books, including myths and legends, traditional stories, modern fiction, classic British fiction and books from other cultures.

Take part in conversations about books.

Use the school and community libraries.

Read and listen to whole books.

Mathematics

Count and calculate in increasingly complex contexts, including those that cannot be experienced first hand.

Rigorously apply mathematical knowledge across the curriculum, in particular in science, technology and computing.

Deepen conceptual understanding of mathematics by frequent repetition and extension of key concepts in a range of engaging and purposeful contexts.

Explore numbers and place value so as to read and understand the value of all numbers.

Add and subtract using efficient mental and formal written methods.

Multiply and divide using efficient mental and formal written methods.

Use the properties of shapes and angles in increasingly complex and practical contexts, including in construction and engineering contexts.

Use and apply measures to increasingly complex contexts.

Gather, organise and interrogate data.

Understand the practical value of using algebra.

Science**Biology****Plants**

Look at the function of parts of flowering plants, requirements of growth, water transportation in plants, life cycles and seed dispersal.

Evolution and inheritance

All living things

Identify and name plants and animals'

Look at classification keys.

Look at the life cycle of animals and plants.

Look at classification of plants, animals and micro organisms.

Look at reproduction in plants and animals, and human growth and changes.

Chemistry**Rocks and fossils**

Compare and group rocks and describe the formation of fossils.

Art & Design

Develop and share ideas in a sketchbook and in finished products.

Improve mastery of techniques.

Computing

Use sequence, selections and repetition in programs; work with variables and various forms of input and output; generate appropriate inputs and predicted outputs to test programs.

Use logical reasoning to explain how a simple algorithm works, detect and correct errors in algorithms and programs.

Describe how internet search engines find and store data; use search engines effectively; be discerning in evaluating digital content; respect individuals and intellectual property; use technology responsibly, securely and safely.

Design & Technology**Evaluate**

Understand how key events and individuals in design and technology have helped shape the world

Geography

Locate the world's countries, with focus on North and South America and countries of particular interest to pupils.

Understand geographical similarities and differences through the study of human and physical geography of a region or area in a European country.

Describe and understand key aspects of:

- physical geography, including: climate zones, biomes and vegetation belts, rivers, mountains, volcanoes and earthquakes and the water cycle

- human geography, including: settlements, land use, economic activity including trade links and the distribution of natural resources including energy, food, minerals and water supplies.

Use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied.

History

The Roman Empire and its Impact on Britain.

Language

In the chosen modern language:

- Speak
- Read
- Write.

Look at the culture of the countries where the language is spoken.

Music

Play and perform in solo and ensemble contexts, using voice and playing instruments with increasing accuracy, control and expression.

Use and understand the basics of the staff and other musical notations.

Appreciate and understand a wide range of high-quality live and recorded music from different traditions and from great musicians and composers.

Physical Education

Play competitive games, modified where appropriate, such as football, netball, rounders, cricket, hockey, basketball, badminton and tennis and apply basic principles suitable for attacking and defending.

Perform dances.

Religious Education

Study the beliefs, festivals and celebrations of Christianity.

Study at least two other religions in depth. Choose from Buddhism, Hinduism, Islam, Judaism or Sikhism.