

**Writing****Narrative**

Write plays.

**Non-fiction**

Write arguments.

**Poetry**

Learn by heart and perform a significant poem.

Write haiku.

Write poems that convey an image (simile, word play, rhyme and metaphor).

**Reading**

Listen to and discuss a wide range of texts.

Take part in conversations about books.

Learn a wide range of poetry by heart.

Use the school and community libraries.

Read and listen to whole books.

**Communication**

Engage in meaningful discussions in all areas of the curriculum.

Listen to and learn a wide range of subject specific vocabulary.

Through reading identify vocabulary that enriches and enlivens stories.

Practise and rehearse sentences and stories, gaining feedback on the overall effect and the use of standard English.

Listen to and tell stories often so as to internalise the structure.

**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.

Describe position, direction and movement in increasingly precise ways.

Use and apply measures to increasingly complex contexts.

Gather, organise and interrogate data.

Understand the practical value of using algebra.

**Science****Biology****Animals and humans**

Look at nutrition, transportation of water and nutrients in the body, and the muscle and skeleton system of humans and animals.

Look at the human circulatory system.

**Evolution and inheritance**

Look at changes in animals over time.

Look at adaptation to environments.

Look at differences in offspring.

Look at adaptation and evolution.

Look at changes to the human skeleton over time.

**All living things**

Identify and name plants and animals'

Look at the effect of diet, exercise and drugs.

**Physics****Light**

Explain how light appears to travel in straight lines and how this affects seeing and shadows.

**Working Scientifically**

Across all year groups scientific knowledge and skills should be learned by working scientifically. (This is documented in the Essentials for progress section.)

**Computing**

Understand computer networks including the internet; how they can provide multiple services, such as the world wide web; and the opportunities they offer for communication and collaboration.

Select, use and combine a variety of software (including internet services) on a range of digital devices to accomplish given goals, including collecting, analysing, evaluating and presenting data and information.

**Design & Technology****Cooking and nutrition**

Understand and apply the principles of a healthy and varied diet.

**Geography**

Identify key geographical features of the countries of the United Kingdom, and show an understanding of how some of these aspects have changed over time.

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

Use the eight points of a compass, four-figure grid references, symbols and keys (including the use of Ordnance Survey maps) to build knowledge of the United Kingdom and the world.

Use a wide range of geographical sources in order to investigate places and patterns.

Use fieldwork to observe, measure and record the human and physical features in the local area using a range of methods, including sketch maps, plans and graphs and digital technologies.

**History**

Early Civilizations achievements and an in-depth study of one of the following: Ancient Sumer; The Indus Valley; Ancient Egypt; The Shang Dynasty.

**Language**

In the chosen modern language:

- Speak
- Read
- Write.

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

If an ancient language is chosen, read, translate and explore the culture of the time.

**Music**

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

Improvise and compose music using the inter-related dimensions of music separately and in combination.

Listen with attention to detail and recall sounds with increasing aural memory.

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.

Develop an understanding of the history of music.

Physical Education

Take part in athletics activities.

Perform dances.

Take part in outdoor and adventurous activity challenges both individually and within a team.

Religious Education

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

Additional Content