

Writing**Narrative**

Write stories set in places pupils have been.

Write letters.

Write stories, letters, scripts and fictional biographies inspired by reading across the curriculum.

Non-fiction

Write recounts.

Write explanations.

Write biographies.

Poetry

Learn by heart and perform a significant poem.

Reading

Read and listen to a wide range of styles of text, including fairy stories, myths and legends.

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.

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.

Speak to small and larger audiences at frequent intervals.

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.

Debate issues and formulate well-constructed points.

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.

Science**Biology****Evolution and inheritance**

Look at resemblance in offspring.

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.

Chemistry**Materials**

Examine the properties of materials using various tests.

Look at solubility and recovering dissolved substances.

Separate mixtures.

Examine changes to materials that create new materials that are usually not reversible.

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.)

Art & Design

Use experiences, other subjects across the curriculum and ideas as inspiration for artwork.

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

Learn about the great artists, architects and designers in history.

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.

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.

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**Design**

Use research and develop design criteria to inform the design of innovative, functional, appealing products that are fit for purpose, aimed at particular individuals or groups.

Generate, develop, model and communicate their ideas through discussion, annotated sketches, cross-sectional and exploded diagrams, prototypes, pattern pieces and computer-aided design.

Make

Select from and use a wider range of tools and equipment to perform practical tasks, such as cutting, shaping, joining and finishing, accurately.

Evaluate

Investigate and analyse a range of existing products.

Evaluate their ideas and products against their own design criteria and consider the views of others to improve their work.

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

Technical knowledge

Apply their understanding of how to strengthen, stiffen and reinforce more complex structures.

Understand and use mechanical systems in their products, such as gears, pulleys, cams, levers and linkages.

Apply their understanding of computing to programme, monitor and control their products.

Cooking and nutrition

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

Prepare and cook a variety of predominantly savoury dishes using a range of cooking techniques.

Understand seasonality and know where and how a variety of ingredients are grown, reared, caught and processed.

Geography

Locate the world's countries, with a focus on Europe 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.

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

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

History

Britain's settlement by Anglo Saxons and Scots.

History of interest to pupils.

Language

In the chosen modern language:

- Speak
- Read
- Write.

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 stave 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.

Personal Development

Study role models who have achieved success.

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.

Swimming and water safety: take swimming instruction either in Key Stage 1 or Key Stage 2.

Religious Education

Study the beliefs, festivals and celebrations of Christianity.

Study other religions of interest to pupils.