

Writing**Narrative**

Write stories of mystery and suspense.

Write letters.

Write plays.

Non-fiction

Write instructions.

Write recounts.

Write explanations.

Write in a journalistic style.

Poetry

Learn by heart and perform a significant poem.

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

Reading

Listen to and discuss a wide range of texts.

Learn poetry by heart.

Take part in conversations about books.

Learn a wide range of poetry by heart.

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.

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.

Understand the practical value of using algebra.

Science**Physics****Forces and magnets**

Look at contact and distant forces, attraction and repulsion, comparing and grouping materials.

Look at poles, attraction and repulsion.

Look at the effect of gravity and drag forces.

Look at transference of forces in gears, pulleys, levers and springs.

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

Design and write programs that accomplish specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller parts.

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.

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

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

Geography

Locate the world's countries, with a focus on Europe and countries of particular interest to pupils.

Locate the geographic zones of the world.

Understand the significance of the geographic zones of the world.

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.

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.

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

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

Physical Education

Perform dances.

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

Religious Education

Study the beliefs, festivals and celebrations of Christianity.

Study other religions of interest to pupils.

Additional Content