



Writing

Narrative

Write stories set in places pupils have been.
Write stories that contain mythical, legendary or historical characters or events.
Write stories of adventure.
Write letters.
Write stories, letters, scripts and fictional biographies inspired by reading across the curriculum.

Non-fiction

Write instructions.
Write recounts.
Write in a journalistic style.

Poetry

Learn by heart and perform a significant poem.
Write haiku.
Write poems that convey an image (simile, word play, rhyme and metaphor).

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.

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.

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.

Look at the effect of diet, exercise and drugs.

Chemistry

Rocks and fossils

Compare and group rocks and describe the formation of fossils.

Physics

Light

Look at sources, seeing, reflections and shadows.

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

Forces and magnets

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

Look at poles, attraction and repulsion.

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.

Improve mastery of techniques.

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

Select from and use a wider range of materials and components, including construction materials, textiles and ingredients, according to their functional properties and aesthetic qualities.

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.

Technical knowledge

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

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 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 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.

History

Changes in Britain from the Stone Age to the Iron Age.

The Roman Empire and its Impact on Britain.

Ancient Greece.

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.

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

Personal Development

Discuss and learn techniques to improve in the eight areas of '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.

Take part in gymnastics activities.

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

Additional Content

Reading

Raise the profile of poetry through cross curricular opportunities including learning and performing by heart.

Prioritise visits to local and city centre library regularly throughout the year.

Science Investigation

Timetable a half-day focus on science each week for each topic to ensure knowledge and skills are learned through working scientifically.

Vocabulary

Teach Tier 2 Words

Spelling Mastery

Children to have a daily spelling mastery lesson.

Extended Writing

Provide opportunities across the curriculum for extended writing to improve stamina and practise cohesive writing.

RSHE

One lesson per week to be completed by the main class teacher using Jigsaw Programme which brings together Personal, Social and Health Education alongside emotional literacy and spiritual development.

Oracy

To develop oracy by planning for the following oracy skills: Cognitive, linguistic, physical, social and emotional skills.