



Writing		
Narrative	Rigorously apply mathematical knowledge across the curriculum, in particular in science, technology and computing.	Look at circuits, the effect of the voltage in cells and the resistance and conductivity of materials.
Write stories set in places pupils have been.	Deepen conceptual understanding of mathematics by frequent repetition and extension of key concepts in a range of engaging and purposeful contexts.	Art & Design
Write stories that contain mythical, legendary or historical characters or events.	Explore numbers and place value so as to read and understand the value of all numbers.	Use experiences, other subjects across the curriculum and ideas as inspiration for artwork.
Write stories of adventure.	Add and subtract using efficient mental and formal written methods.	Develop and share ideas in a sketchbook and in finished products.
Write stories of mystery and suspense.	Multiply and divide using efficient mental and formal written methods.	Improve mastery of techniques.
Write letters.	Use the properties of shapes and angles in increasingly complex and practical contexts, including in construction and engineering contexts.	Learn about the great artists, architects and designers in history.
Write plays.	Describe position, direction and movement in increasingly precise ways.	Computing
Write stories, letters, scripts and fictional biographies inspired by reading across the curriculum.	Use and apply measures to increasingly complex contexts.	Design and write programs that accomplish specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller parts.
Non-fiction	Gather, organise and interrogate data.	Use logical reasoning to explain how a simple algorithm works, detect and correct errors in algorithms and programs.
Write instructions.	Science	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.
Write recounts.	Biology	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.
Write persuasively.	Animals and humans	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.
Write explanations.	Look at the digestive system in humans.	Geography
Write non-chronological reports.	Look at teeth.	Locate the world's countries, with a focus on Europe and countries of particular interest to pupils.
Write biographies.	All living things	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.
Write in a journalistic style.	Identify and name plants and animals'	Locate the geographic zones of the world.
Write arguments.	Look at classification keys.	Understand the significance of the geographic zones of the world.
Write formally.	Chemistry	Understand geographical similarities and differences through the study of human and physical geography of a region or area of the United Kingdom (different from that taught at Key Stage 1).
Poetry	States of matter	Understand geographical similarities and differences through the study of human and physical geography of a region or area in a European country.
Learn by heart and perform a significant poem.	Look at solids, liquids and gases, changes of state, evaporation, condensation and the water cycle.	
Write cinquain.	Physics	
Write poems that convey an image (simile, word play, rhyme and metaphor).	Sound	
Reading	Look at sources, vibration, volume and pitch	
Read and listen to a wide range of styles of text, including fairy stories, myths and legends.	Working Scientifically	
Listen to and discuss a wide range of texts.	Across all year groups scientific knowledge and skills should be learned by working scientifically. (This is documented in the Essentials for progress section.)	
Increase familiarity with a wide range of books, including myths and legends, traditional stories, modern fiction, classic British fiction and books from other cultures.	Physics	
Take part in conversations about books.	Electricity	
Use the school and community libraries.	Look at appliances, circuits, lamps, switches, insulators and conductors.	
Look at classification systems.		
Read and listen to whole books.		
Mathematics		
Count and calculate in increasingly complex contexts, including those that cannot be experienced first hand.		



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.

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

A local history study.

A study of a theme in British history.

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

Ancient Greece.

History of interest to pupils.

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.

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

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

Study role models who have achieved success.

Study those who have lost success and relate this to 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.

Take part in athletics 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.

Study three of the major six religions not studied in depth in order to gain a brief outline.