



Writing	Deepen conceptual understanding of mathematics by frequent repetition and extension of key concepts in a range of engaging and purposeful contexts.	Generate, develop, model and communicate their ideas through discussion, annotated sketches, cross-sectional and exploded diagrams, prototypes, pattern pieces and computer-aided design.
Narrative	Use and apply measures to increasingly complex contexts.	
Write stories set in places pupils have been.	Gather, organise and interrogate data.	Make
Write stories that contain mythical, legendary or historical characters or events.		Select from and use a wider range of tools and equipment to perform practical tasks, such as cutting, shaping, joining and finishing, accurately.
Write stories of adventure.		
Write letters.	Science	
Write stories, letters, scripts and fictional biographies inspired by reading across the curriculum.	Physics	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.
Non-fiction	Light	
Write explanations.	Explain how light appears to travel in straight lines and how this affects seeing and shadows.	
Write non-chronological reports.	Sound	Evaluate
Poetry	Look at sources, vibration, volume and pitch	Investigate and analyse a range of existing products.
Write poems that convey an image (simile, word play, rhyme and metaphor).	Working Scientifically	Evaluate their ideas and products against their own design criteria and consider the views of others to improve their work.
Reading	Across all year groups scientific knowledge and skills should be learned by working scientifically. (This is documented in the Essentials for progress section.)	Understand how key events and individuals in design and technology have helped shape the world
Read and listen to a wide range of styles of text, including fairy stories, myths and legends.	Art & Design	Technical knowledge
Listen to and discuss a wide range of texts.	Use experiences, other subjects across the curriculum and ideas as inspiration for artwork.	Apply their understanding of how to strengthen, stiffen and reinforce more complex structures.
Increase familiarity with a wide range of books, including myths and legends, traditional stories, modern fiction, classic British fiction and books from other cultures.	Develop and share ideas in a sketchbook and in finished products.	Understand and use mechanical systems in their products, such as gears, pulleys, cams, levers and linkages.
Take part in conversations about books.	Improve mastery of techniques.	Apply their understanding of computing to programme, monitor and control their products.
Use the school and community libraries.	Learn about the great artists, architects and designers in history.	Geography
Look at classification systems.	Computing	Describe and understand key aspects of:
Read and listen to whole books.	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.	- physical geography, including: climate zones, biomes and vegetation belts, rivers, mountains, volcanoes and earthquakes and the water cycle
Communication	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.	- human geography, including: settlements, land use, economic activity including trade links and the distribution of natural resources including energy, food, minerals and water supplies.
Engage in meaningful discussions in all areas of the curriculum.	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.	Use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied.
Listen to and learn a wide range of subject specific vocabulary.		Use a wide range of geographical sources in order to investigate places and patterns.
Through reading identify vocabulary that enriches and enlivens stories.	Design & Technology	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.
Speak to small and larger audiences at frequent intervals.	Design	
Practise and rehearse sentences and stories, gaining feedback on the overall effect and the use of standard English.	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.	
Listen to and tell stories often so as to internalise the structure.		
Mathematics		
Rigorously apply mathematical knowledge across the curriculum, in particular in science, technology and computing.		



History

A non- European society that contrasts with British history chosen from:

- Early Islamic Civilization
- Mayan Civilization
- Benin.

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'.

Religious Education

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