

Writing		
Narrative	Practise and rehearse sentences and stories, gaining feedback on the overall effect and the use of standard English.	Explain how light appears to travel in straight lines and how this affects seeing and shadows.
Write stories that contain mythical, legendary or historical characters or events.	Listen to and tell stories often so as to internalise the structure.	Forces and magnets
Write stories of mystery and suspense.	Debate issues and formulate well-constructed points.	Look at contact and distant forces, attraction and repulsion, comparing and grouping materials.
Write letters.		Look at poles, attraction and repulsion.
Write stories, letters, scripts and fictional biographies inspired by reading across the curriculum.	Mathematics	Look at the effect of gravity and drag forces.
Non-fiction	Count and calculate in increasingly complex contexts, including those that cannot be experienced first hand.	Look at transference of forces in gears, pulleys, levers and springs.
Write instructions.	Rigorously apply mathematical knowledge across the curriculum, in particular in science, technology and computing.	Earth and space
Write recounts.	Deepen conceptual understanding of mathematics by frequent repetition and extension of key concepts in a range of engaging and purposeful contexts.	Look at the movement of the Earth and the Moon.
Write persuasively.	Explore numbers and place value so as to read and understand the value of all numbers.	Explain day and night.
Write explanations.	Add and subtract using efficient mental and formal written methods.	Working Scientifically
Write non-chronological reports.	Multiply and divide using efficient mental and formal written methods.	Across all year groups scientific knowledge and skills should be learned by working scientifically. (This is documented in the Essentials for progress section.)
Write biographies.	Use the properties of shapes and angles in increasingly complex and practical contexts, including in construction and engineering contexts.	Physics
Write in a journalistic style.	Describe position, direction and movement in increasingly precise ways.	Electricity
Write arguments.	Use and apply measures to increasingly complex contexts.	Look at appliances, circuits, lamps, switches, insulators and conductors.
Write formally.	Gather, organise and interrogate data.	Look at circuits, the effect of the voltage in cells and the resistance and conductivity of materials.
Poetry	Understand the practical value of using algebra.	Art & Design
Learn by heart and perform a significant poem.	Science	Design
Write poems that convey an image (simile, word play, rhyme and metaphor).	Biology	Use experiences, other subjects across the curriculum and ideas as inspiration for artwork.
Reading	Animals and humans	Develop and share ideas in a sketchbook and in finished products.
Read and listen to a wide range of styles of text, including fairy stories, myths and legends.	Look at nutrition, transportation of water and nutrients in the body, and the muscle and skeleton system of humans and animals.	Improve mastery of techniques.
Listen to and discuss a wide range of texts.	Look at the digestive system in humans.	Learn about the great artists, architects and designers in history.
Learn poetry by heart.	Look at the human circulatory system.	Design & Technology
Increase familiarity with a wide range of books, including myths and legends, traditional stories, modern fiction, classic British fiction and books from other cultures.	All living things	Design
Take part in conversations about books.	Look at the effect of diet, exercise and drugs.	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.
Use the school and community libraries.	Physics	Generate, develop, model and communicate their ideas through discussion, annotated sketches, cross-sectional and exploded diagrams, prototypes, pattern pieces and computer-aided design.
Read and listen to whole books.	Light	Make
Communication	Look at sources, seeing, reflections and shadows.	Select from and use a wider range of tools and equipment to perform practical tasks, such as cutting, shaping, joining and finishing, accurately.
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.		

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.

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.

Understand and use electrical systems in their products, such as series circuits incorporating switches, bulbs, buzzers and motors.

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 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.

History

A study of a theme in British history.

Ancient Greece.

Language

In the chosen modern language:

- Speak
- Read
- Write.

Look at the culture of the countries where the language is spoken.

If an ancient language is chosen, read, translate and explore the culture of the time.

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.

Study other religions of interest to pupils.