

Writing	Rigorously apply mathematical knowledge across the curriculum, in particular in science, technology and computing.	data and information.
Narrative	Deepen conceptual understanding of mathematics by frequent repetition and extension of key concepts in a range of engaging and purposeful contexts.	Design & Technology
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.	Design
Write letters.	Add and subtract using efficient mental and formal written methods.	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.
Write stories, letters, scripts and fictional biographies inspired by reading across the curriculum.	Multiply and divide using efficient mental and formal written methods.	Make
Non-fiction	Science	Select from and use a wider range of tools and equipment to perform practical tasks, such as cutting, shaping, joining and finishing, accurately.
Write instructions.	Physics	Evaluate
Write persuasively.	Forces and magnets	Evaluate their ideas and products against their own design criteria and consider the views of others to improve their work.
Write arguments.	Look at contact and distant forces, attraction and repulsion, comparing and grouping materials.	Understand how key events and individuals in design and technology have helped shape the world
Write formally.	Look at poles, attraction and repulsion.	Cooking and nutrition
Poetry	Look at the effect of gravity and drag forces.	Understand and apply the principles of a healthy and varied diet.
Write haiku.	Look at transference of forces in gears, pulleys, levers and springs.	Prepare and cook a variety of predominantly savoury dishes using a range of cooking techniques.
Write poems that convey an image (simile, word play, rhyme and metaphor).	Working Scientifically	Understand seasonality and know where and how a variety of ingredients are grown, reared, caught and processed.
Reading	Across all year groups scientific knowledge and skills should be learned by working scientifically. (This is documented in the Essentials for progress section.)	Geography
Read and listen to a wide range of styles of text, including fairy stories, myths and legends.	Art & Design	Locate the world's countries, with a focus on Europe and countries of particular interest to pupils.
Listen to and discuss a wide range of texts.	Use experiences, other subjects across the curriculum and ideas as inspiration for artwork.	Describe and understand key aspects of:
Learn poetry by heart.	Develop and share ideas in a sketchbook and in finished products.	<ul style="list-style-type: none"> - physical geography, including: climate zones, biomes and vegetation belts, rivers, mountains, volcanoes and earthquakes and the water cycle
Take part in conversations about books.	Improve mastery of techniques.	<ul style="list-style-type: none"> - 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 school and community libraries.	Learn about the great artists, architects and designers in history.	Use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied.
Look at classification systems.	Computing	History
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.	The Roman Empire and its Impact on Britain.
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.	A local history study.
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	
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.		
Debate issues and formulate well-constructed points.		
Mathematics		
Count and calculate in increasingly complex contexts, including those that cannot be experienced first hand.		

A study of a theme in British history.

History of interest to pupils.

Language

In the chosen modern language:

- Speak
 - Read
 - Write.
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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

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.

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.
