

<b>Writing</b>		
<b>Narrative</b>	Deepen conceptual understanding of mathematics by frequent repetition and extension of key concepts in a range of engaging and purposeful contexts.	Develop and share ideas in a sketchbook and in finished products.
Write stories set in places pupils have been.		Improve mastery of techniques.
Write stories of adventure.	Explore numbers and place value so as to read and understand the value of all numbers.	Learn about the great artists, architects and designers in history.
Write plays.	Add and subtract using efficient mental and formal written methods.	
Write stories, letters, scripts and fictional biographies inspired by reading across the curriculum.	Multiply and divide using efficient mental and formal written methods.	
<b>Non-fiction</b>	Use the properties of shapes and angles in increasingly complex and practical contexts, including in construction and engineering contexts.	
Write explanations.	Describe position, direction and movement in increasingly precise ways.	
Write arguments.	Use and apply measures to increasingly complex contexts.	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.
<b>Poetry</b>	Describe position, direction and movement in increasingly precise ways.	
Write haiku.	Use and apply measures to increasingly complex contexts.	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 poems that convey an image (simile, word play, rhyme and metaphor).	Gather, organise and interrogate data.	
<b>Reading</b>	Understand the practical value of using algebra.	
Listen to and discuss a wide range of texts.	<b>Science</b>	
Increase familiarity with a wide range of books, including myths and legends, traditional stories, modern fiction, classic British fiction and books from other cultures.	<b>Biology</b>	<b>Design &amp; Technology</b>
Take part in conversations about books.	<b>Evolution and inheritance</b>	<b>Design</b>
Read and listen to whole books.	Look at resemblance in offspring.	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.
<b>Communication</b>	Look at changes in animals over time.	Generate, develop, model and communicate their ideas through discussion, annotated sketches, cross-sectional and exploded diagrams, prototypes, pattern pieces and computer-aided design.
Engage in meaningful discussions in all areas of the curriculum.	Look at adaptation to environments.	
Listen to and learn a wide range of subject specific vocabulary.	Look at differences in offspring.	
Through reading identify vocabulary that enriches and enlivens stories.	Look at adaptation and evolution.	<b>Make</b>
Speak to small and larger audiences at frequent intervals.	<b>Chemistry</b>	Select from and use a wider range of tools and equipment to perform practical tasks, such as cutting, shaping, joining and finishing, accurately.
Practise and rehearse sentences and stories, gaining feedback on the overall effect and the use of standard English.	<b>Rocks and fossils</b>	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.
Listen to and tell stories often so as to internalise the structure.	<b>Physics</b>	
Debate issues and formulate well-constructed points.	<b>Light</b>	<b>Evaluate</b>
<b>Mathematics</b>	Look at sources, seeing, reflections and shadows.	Investigate and analyse a range of existing products.
Count and calculate in increasingly complex contexts, including those that cannot be experienced first hand.	Explain how light appears to travel in straight lines and how this affects seeing and shadows.	Evaluate their ideas and products against their own design criteria and consider the views of others to improve their work.
Rigorously apply mathematical knowledge across the curriculum, in particular in science, technology and computing.	<b>Working Scientifically</b>	<b>Geography</b>
	<b>Art &amp; Design</b>	Locate the world's countries, with focus on North and South America and countries of particular interest to pupils.
	Use experiences, other subjects across the curriculum and ideas as inspiration for artwork.	

Locate the geographic zones of the world.

Understand the significance of the geographic zones of the world.

Understand geographical similarities and differences through the study of the human and physical geography of a region or area within North or South America.

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 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.

### 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.

Use and understand the basics of the staff 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.

### 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 athletics activities.

### Religious Education

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

### Additional Content