

Year Five/Six B	Victoria Primary Academy	Key Stage 2
<p>Writing</p>	<p>Speak to small and larger audiences at frequent intervals.</p>	<p>Look at reproduction in plants and animals, and human growth and changes.</p>
<p>Narrative</p>	<p>Practise and rehearse sentences and stories, gaining feedback on the overall effect and the use of standard English.</p>	<p>Look at the effect of diet, exercise and drugs.</p>
<p>Write stories set in places pupils have been.</p>	<p>Debate issues and formulate well-constructed points.</p>	<p>Physics</p>
<p>Write stories that contain mythical, legendary or historical characters or events.</p>	<p>Mathematics</p>	<p>Light</p>
<p>Write stories of adventure.</p>	<p>Count and calculate in increasingly complex contexts, including those that cannot be experienced first hand.</p>	<p>Explain how light appears to travel in straight lines and how this affects seeing and shadows.</p>
<p>Write letters.</p>	<p>Rigorously apply mathematical knowledge across the curriculum, in particular in science, technology and computing.</p>	<p>Forces and magnets</p>
<p>Write plays.</p>	<p>Deepen conceptual understanding of mathematics by frequent repetition and extension of key concepts in a range of engaging and purposeful contexts.</p>	<p>Look at the effect of gravity and drag forces.</p>
<p>Write stories, letters, scripts and fictional biographies inspired by reading across the curriculum.</p>	<p>Explore numbers and place value so as to read and understand the value of all numbers.</p>	<p>Look at transference of forces in gears, pulleys, levers and springs.</p>
<p>Non-fiction</p>	<p>Add and subtract using efficient mental and formal written methods.</p>	<p>Earth and space</p>
<p>Write recounts.</p>	<p>Multiply and divide using efficient mental and formal written methods.</p>	<p>Look at the movement of the Earth and the Moon.</p>
<p>Write persuasively.</p>	<p>Use the properties of shapes and angles in increasingly complex and practical contexts, including in construction and engineering contexts.</p>	<p>Explain day and night.</p>
<p>Write explanations.</p>	<p>Describe position, direction and movement in increasingly precise ways.</p>	<p>Working Scientifically</p>
<p>Write non-chronological reports.</p>	<p>Use and apply measures to increasingly complex contexts.</p>	<p>Across all year groups scientific knowledge and skills should be learned by working scientifically. (This is documented in the Essentials for progress section.)</p>
<p>Write biographies.</p>	<p>Gather, organise and interrogate data.</p>	<p>Physics</p>
<p>Write in a journalistic style.</p>	<p>Understand the practical value of using algebra.</p>	<p>Electricity</p>
<p>Write arguments.</p>	<p>Science</p>	<p>Look at circuits, the effect of the voltage in cells and the resistance and conductivity of materials.</p>
<p>Write formally.</p>	<p>Biology</p>	<p>Art & Design</p>
<p>Poetry</p>	<p>Evolution and inheritance</p>	<p>Use experiences, other subjects across the curriculum and ideas as inspiration for artwork.</p>
<p>Learn by heart and perform a significant poem.</p>	<p>Look at changes in animals over time.</p>	<p>Develop and share ideas in a sketchbook and in finished products.</p>
<p>Write poems that convey an image (simile, word play, rhyme and metaphor).</p>	<p>Look at adaptation to environments.</p>	<p>Improve mastery of techniques.</p>
<p>Reading</p>	<p>Look at differences in offspring.</p>	<p>Learn about the great artists, architects and designers in history.</p>
<p>Read and listen to a wide range of styles of text, including fairy stories, myths and legends.</p>	<p>Look at adaptation and evolution.</p>	<p>Computing</p>
<p>Listen to and discuss a wide range of texts.</p>	<p>Look at changes to the human skeleton over time.</p>	<p>Use logical reasoning to explain how a simple algorithm works, detect and correct errors in algorithms and programs.</p>
<p>Learn poetry by heart.</p>	<p>Look at all living things</p>	<p>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.</p>
<p>Take part in conversations about books.</p>	<p>Look at classification of plants, animals and micro organisms.</p>	<p>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.</p>
<p>Learn a wide range of poetry by heart.</p>	<p></p>	<p></p>
<p>Use the school and community libraries.</p>	<p></p>	<p></p>
<p>Look at classification systems.</p>	<p></p>	<p></p>
<p>Look at books with a different alphabet to English.</p>	<p></p>	<p></p>
<p>Read and listen to whole books.</p>	<p></p>	<p></p>
<p>Communication</p>	<p></p>	<p></p>
<p>Engage in meaningful discussions in all areas of the curriculum.</p>	<p></p>	<p></p>
<p>Listen to and learn a wide range of subject specific vocabulary.</p>	<p></p>	<p></p>
<p>Through reading identify vocabulary that enriches and enlivens stories.</p>	<p></p>	<p></p>

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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.

Design & Technology

Design
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.

Generate, develop, model and communicate their ideas through discussion, annotated sketches, cross-sectional and exploded diagrams, prototypes, pattern pieces and computer-aided design.

Evaluate
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.

Cooking and nutrition

Understand and apply the principles of a healthy and varied diet.

Understand seasonality and know where and how a variety of ingredients are grown, reared, caught and processed.

Geography

Locate the world's countries, with a focus on Europe and countries of particular interest to pupils.

Understand geographical similarities and differences through the study of human and physical geography of a region or area in a European country.

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.

History

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.

Appreciate and understand a wide range of high-quality live and recorded music from different traditions and from great musicians and composers.

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.

Take part in athletics activities.

Perform dances.

Take part in outdoor and adventurous activity challenges both individually and within a team.

Swimming and water safety: take swimming instruction either in Key Stage 1 or Key Stage 2.

Religious Education

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.

Additional Content

Y5/6 Music

Y5 Soundstart Project, Y6 Song Writing and Producing Project, T1 Who Knows?, T2 Roundabout, T3 Songwriter, T4 Stars Hide Your Fire, T5 Cyclic Patterns, T6 Journey into Space

Y5/6 PE

- T1/2 Y6 Swimming
- T3/4 Y5 Swimming
- Other year group gymnastics
- T5 Athletics
- T6 Trampolineing
- T1 Netball
- T2 Hockey
- T3 Rounders
- T4 Tennis
- T5/6 Athletics

Y5/6 RE

- T1/2 Sikhism in Britain
- T3/4 Stories of Faith
- T5 Words of Wisdom
- T6 Religion and Response

Global Dimension

Developing the Global Dimension. History, Geography, Citizenship focus. Whole school curriculum link to the Global Dimension. Linked to Edison CC units.

Where did it happen? When did it happen? History and Geography in the news. Ongoing unit throughout the year. All Key Stage Two

Y5/6 Edison CC Units

Earth From Space. Science Focus. What's out there? Earth and space. Working scientifically.(6 week unit)

Mini Enterprise. Technology Focus. Design, make and evaluate. Pupil Choice Learning. (6 week unit)

Has there ever been a better time to live here? History Focus. A study over time tracing how several aspects of national history are reflected in our locality. Possible aspects: political, military, economic and social. (6 week unit)

Why do some creatures no longer exist? Science Focus. David Attenborough's Big Egg. Evolution and inheritance. Geography - Madagascar and the Gallapagos. Why was Charles Darwin the most dangerous man in England in 1859? (9 week unit)

The Lady of Shallott. Art Focus. Poetry, art and dance. Reading images, exploring poetry, exploring drama techniques, listening to Pavane. (3 week unit)

Together we can... Geography Focus. The Great UK Geographical challenge. Regions of the United Kingdom. (6 week unit)

Let's Go Round Again - year 6 science revisit.
T1 Electricity and light. T2 Animals including humans. T3 Living Things and their Habitats.
Ongoing units throughout the year.

Core Learning Skills

Developing Independence and Responsibility

Improving Own Learning and Performance

Developing Sense of Self Worth and Understanding Self and Others

Thinking Skills

Speaking And Listening