



OUR DRIVERS: Spiritual, Moral, Diversity & Beliefs Communities & Environment Life Skills Personal, Social & Emotional Well Being



English

To know how to fluently read age-appropriate texts, draw inference and explain thinking, routinely returning to text to support opinions.
To know how to discuss and recommend novels.
To know how to perform poems, showing understanding through intonation, tone and volume.
To know how to write persuasion, a diary entry, poetry and a travel brochure based on Kensuke's Kingdom.
To know how to use a wide range of punctuation such as bullet points, colons, brackets, dashes, hyphens and commas to avoid ambiguity.
To know how to use subordinate clauses, relative clauses, passive sentences and noun phrases to convey extra information precisely.

French

School Life

To know how to use the pronouns 'il' and 'elle' to replace a person's name, and use a comparative adverb.

Geography

To know and explain how locations around the world are changing and explain some of the reasons for change
To know the similarities and differences through a study of a region South America and comparing it to North America and own locality.
To know and describe the main human and physical characteristics of a location in South America and the impact they are having on the rest of the world.
To know how to collect and analyse statistics and other information in order to draw clear conclusions about locations.
To know how to describe and understand key aspects of physical geography, including: climate zones, biomes and vegetation belts, rivers, mountains and the water cycle.

South America

Why are the South American rainforests key to earth's survival?



Computing

To know how to make clear connections to an audience when designing and creating digital content.
To know how to design and create their own blogs using 2Blog.
To know how to evaluate the quality of digital solutions and are able to identify improvements, making some refinements.

Science

To know that the brightness of a lamp or the volume of a buzzer links with the number and voltage of cells used in the circuit.
To know how to compare and give reasons for variations in how components function, including the brightness of bulbs, the loudness of buzzers and the on/off position of switches.
To know how to use recognised symbols when representing a simple circuit in a diagram.

Maths

To be introduced to algebra including substitution, forming and solving equations.
To know how to read line and bar charts.
To know how to interpret and draw pie charts.
To know how to calculate mean.
To know how to plot and solve problems with co-ordinates, translations and reflections.
To know how to calculate time intervals.

Music

To know how to create music inspired by own identity and women in the music industry using own chosen style.

Art and Design

To know about the artist Frida Kahlo and analyse some of her work.
To study the self portraits of Frida Kahlo.
To know how Kahlo drew on her cultural background for her artwork.
To know what surrealism is in artwork.
To know how Kahlo painted moments in her life and expressed emotion through her work.

Religious Education

To answer the question "Can we know what God is like?"
To know how god is represented in Christianity, Hinduism and Islam.

Physical Education

To develop running skills & stamina through the Daily Mile and circuit training.
To develop skills of striking a ball with increasing accuracy in cricket.
To develop fielding skills in cricket.

Personal, Social and Health Education

Puzzle 5- Relationships

To know the importance of taking care of mental health.
To know and understand the stages of grief.
To know how to be safe when using technology.



Year 6– Summer 1 - Knowledge Organiser

Enquiry Question: Why are the South American rainforests key to earth's survival?











Subject Specific Vocabulary

| | |
|---------------------|--|
| Southern Hemisphere | The part of the earth that lies south of the equator. |
| Tropic of Cancer | The Tropic of Cancer is an imaginary latitude line above the equator that runs across the globe at about 23 degrees north. |
| Tropic of Capricorn | The Tropic of Capricorn is an imaginary latitude line below the equator whose latitude line circles the globe at about 23 degrees south. |
| Physical Geography | The branch of geography dealing with natural features. |
| Climate | The average weather conditions over a long period of time. |
| Humid | Feeling very damp due to water vapour in the air. |
| Biome | A large area inhabited by plants and animals that live together e.g. forest, desert. |
| Vegetation Belt | The plant life as a whole within a certain area. |
| Water Cycle | The continuous movement of water within the Earth and atmosphere. |
| Natural Resources | Materials or substances occurring in nature which can be used for economic gain. |
| Deforestation | The cutting down and clearing of forests. |
| Native tribes | The original settlers of an area. |
| Biodiversity | The variety of plant and animal life in the world or in a particular habitat. |
| Terrain | The term for an area of land. Terrain may include, flat plains, mountains, forests. |
| Amazon River | This is the longest river in South America (6400km long). |

Key Knowledge

- Rainforests can be found in every continent except Antarctica.
- South America is a continent made up of many countries including Brazil (capital - Brasilia) Venezuela (capital - Caracas), Columbia (capital - Bogota), Peru (capital - Lima), Argentina (capital - Buenos Aires) and Chile (capital—Santiago).
- Tropical rainforests are found near to the equator between the tropic of Cancer and the tropic of Capricorn.
- The Amazon Rainforest is found in South America, and it goes across many countries such as Brazil, Peru, Ecuador, Venezuela, and Colombia.
- The climate in the rainforest is the same all year round (hot & humid).
- The average rain-fall is 6cm each month and it usually rains every day.
- The Amazon Rainforest is 5.5 million square km and is the largest tropical rainforest in the world.
- The Amazon Rainforest is often called “The Lungs of the Earth” because it produces over 20% of the world’s oxygen supply thanks to all of its trees.
- There are over 2,000 species of birds and mammals. Some common animals that live in the rain-forest are jaguars, howler monkeys, sloths, anacondas, alligators, and apes. There are also lots of poisonous animals including electric eels, flesh-eating piranhas, poisonous dart frogs.

| Emergent Layer | Canopy Layer | Understorey Layer | Forest Floor |
|--|---|---|---|
|  |  |  |  |
| Trees can be up to 60m tall | Trees form a roof over the plants below | Trees grow to less than 4m tall | Very few plants |
| Lots of sunlight | Lots of sunlight but also plenty of rain | Very little sunlight | Almost no sunlight |
| Cold and windy | Lots of food for animals | Warm and humid | Leaves and debris decompose quickly |
| Birds, bats, monkeys and butterflies | Snakes, toucans and tree frogs | Lots of insects | Gorillas, anteaters, leopards and tigers |
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