



No one will protect what they don't care about, and no one will care about what they have never experienced.

— *David Attenborough* —

YEAR 5 TERM 1 and 2 Earth and Beyond

Our Term 1 and 2 topic of Earth and Beyond explores the earth's forest biomes, mountains and the solar system.

KEY CONCEPTS:
Sustainability and diversity



History and Geography

Forests:

- The location and the climate of three of the world's forest biomes: tropical rainforest, temperate deciduous forest, and boreal forests.
- The flora and fauna in these different forest biomes.
- The reasons for and against deforestation - and the impact that this has on the environment.
- Explore the issue of palm oil in depth and consider sustainability in terms of forest resources.
- What global warming is and the impact that this is having on the earth.

Mountains:

- How mountains are formed.
- Compare different mountain regions in the world including the UK, Europe and South America.
- Explore how geographical features change over time e.g. through erosion.
- The human geography of mountain regions.



Computing

Digital Literacy- E-Safety:

The importance of not sharing certain information online.

Creating Media:

Vector drawing and video creation

English

Narrative: Setting description - Amazon Rainforest

Focus: using co-ordinating conjunctions, developing our use of figurative language: simile, metaphor and personification.

Persuasive Text: Deforestation

Focus: modal verbs and adverbs of possibility; paragraphs.

Recount: First Man on the Moon

Focus: varying sentence starters

Non-chronological Report: Planets

Focus: varying sentence length, relative clause.

Spelling

Looking a range of different word endings and words from the Y5/6 statutory list.

Reading

Using VIPERS skills (vocabulary, infer, predict, explain, retrieve, summarise) when looking at a range of text extracts.

Maths

Number and place value:

Read, write, order and compare numbers to at least 1,000,000 and determine the value of each digit.

Addition and Subtraction:

Add and subtract whole numbers with more than 4 digits, including using formal written methods. This will also be applied to a range of word problems.

Multiplication and Division:

Multiply numbers up to 4 digits by a one or two-digit number using a formal written method, including long multiplication for 2-digit numbers.

Art/DT

Photography: How electronic images can be manipulated- using the work of Jon Stezaker and Jessie Craig.

Yayoi Kusama: Using her style to create our own work. We will then transfer this style and look at fashion design.

RE

Judaism

The story of Abraham

Christianity

Prayer and the significance of Christmas for Christians.

PE

The focus is to develop core skills that are transferable to all sports. We will be following the 'cognitive skills' and 'social skills' units this term from the Jasmine PE scheme.

Links to previous learning:

Y3: Great Britain - deepening knowledge of the environment in the U.K.

Y3: Volcanoes and earthquakes

Y2: Plastic pollution in the oceans and how the planet is being damaged by human action.

PSHE

Being me in my world:

The importance of rules in society, as well as looking at the rights of children.

Science

Living Things and their habitats

- Life cycle of a mammal, amphibian and insects.
- Plant reproduction- sexual and asexual
- Seed dispersal

Animals including humans

- Gestation periods in mammals
- The relationship between the length of gestation and weight/lifespan of the animal.

Earth and Space

- Features of the planets
- The movement of the Earth, the Moon and other planets, relative to the Sun in the solar system
- Explain day and night and the seasons

