

Maths

Place Value

- Reading and writing numbers to 10 million.
- Comparing numbers to 10 million.
- Rounding numbers to the nearest 10, 100, 1000, 10,000, 100,000 and million.

Four operations

- Adding and subtracting numbers up to and including ten million.
- Multiplying 4-digit number by digit numbers. (Compact Method)
- Dividing a four-digit number by 2-digit numbers. (Bus stop method and long division)
- Finding common factors, multiples and prime numbers.

Science

Living things and their habitat

- Classifying different animals, plants and micro-organisms
- Giving reasons for why we classify them.

Art

- Iceberg art- Linked to the work of Nerys Levy using a wax resist technique.

D.T

- Designing a playground featuring a variety of different structures.



Geography: Extreme Biomes

In this unit, we focus on the following biomes: the desert, tundra and grasslands.

Not only do we explore the locations using maps, atlases and maps on the computer, but we focus on the physical geography of the regions above.

Some of the other objectives that we cover are as follows:

- To know about the different climates in the biomes: desert, tundra and grasslands, and how this is related to their position on the earth/ in relation to the equator
- To know about the different flora and fauna found in the desert, tundra and grasslands
- To know how plants and animals have adapted to live in the more extreme biomes

Inquiry Question

How do biomes of the world differ and what are the reasons for this?

Key Concepts

- Diversity
- Sustainability

Links with previous learning:

Year 2: – Ocean biomes.
Year 5 – Forest biomes.

P.H.S.E

Being Me in My World

Who am I and how do I fit?'

Computing:

Scratch: Developing variables in games:

As well as E-safety running through our curriculum, we will be exploring some of the following objectives this term:

- To choose a name that identifies the role of a variable to make it easier for humans to understand it
- To update a variable with a user input
- To use an event in a program to update a variable
- To use a variable in a conditional statement to control the flow of a program.

Extreme Biomes

P.E: Invasion games.



R.E- World Views

To know that:

- A worldview is the way people see, interpret and live in the world around them.
- Everyone has a worldview.
- Worldviews can be religious or non-religious.

English

Key Skills Unit exploring the following:

- Being verbs
- Regular and irregular action verbs
- Subject
- Single clause sentences
- Multi-clause sentences
- Co-ordinating conjunctions

Non-Chronological Report:

We will be writing a Non-Chronological Report based around outlaws, with a focus on the application of key skills such as:

- Co-ordinating conjunctions
- Cohesion within and across paragraphs
- Adverbials of time, manner and place
- Adverbials of reason
- Expanded noun phrases
- Apostrophes for possession

Reading:

When reading a text, we focus on developing a range of skills relating to the following areas:

- Vocabulary
- Inference
- Prediction
- Explain
- Summarise

Texts covered:

- Non-chronological texts about biomes, desert creatures and famous outlaws.
- Holes by Louis Sachar.

