

Key Vocabulary

Biome
Climate
Vegetation belt
Zone
Reproduction
Sperm
Egg
Cell
Gamete
Sexual
Asexual
Stem
Seed
Root
Cutting
Tuber
Bulb
Observation
Heat source

Lava
Erupt
Volcanoes
Locally
Worldwide
Economy
Distribution
Natural
Location
Settlement
Trade
Link
Sculpture
Gravity
Friction
Resistance
Air
Forces

Key Facts

Knowing what biomes and climates are
Locating European and American countries on a map
Understanding forces
Features of animals and plants

Geography

Curriculum Objectives: Locate world's countries & cities using maps (focus on Europe and N/S America) and explain environmental regions, key physical/human features
Examine and explain key aspects of physical geography (climate zones, biomes, vegetation belts, rivers, mountains, earthquakes, volcanoes, water cycle)

Pupils will be able to:

- describe climate zones, biomes, vegetation belts.
- explain different weather across the world using appropriate vocabulary.
- locate at least 10 countries in Europe.
- locate countries in North and South America.

Art & Design

Curriculum Objective:
Master art/design techniques with wide range of materials

Improve mastery of sculpture.
Create a series of sketches to record observations.
Use sketches and notes to review and revisit ideas.

Class Reader



Natural Wonders Spring Term 1

English

To write effective sentences for a non-chronological report/
Sub-heading/ prepositions/ Use technical vocab/
Fronted adverbials/ adverbs
Precise verbs/ Repetition
Sub-headings / Subordinating
Conjunctions/ Adverbials /
Noun Phrases / Relative
Clauses



Stunning Start
A tent set up in the
classroom

**Excellent End & Educational
Visit**
Trip to the Higgins Museum

Science

Curriculum Objectives: **Give reasons for classifying plants and animals based on specific characteristics**

Pupils will look at

- a variety of plants and animals, using various methods of classifying
- life cycles of mammals, insects, amphibians and birds.
- Naturalists, behaviourists.
- Plant and animal classifying and changes over time.

Identify the effects of air resistance, water resistance and friction that acts between moving surfaces

Pupils will test different objects for friction, water resistance, air-resistance, gravity.

Scientific Enquiry Method:

Fair Testing - how to make tests for gravity, friction and resistance fair

Pattern seeking - are the same responses happening each time we test the forces?

Classifying - how do we group these animals/plants?