

The Explorers

(Earthquakes, Zones and Volcanoes)

Week 1

English - Read 'The Explorer'
Incidental writing - letter home
Geography - Investigate where volcanoes, earthquakes, mountains and rainforests are situated around the world. The 'ring of fire', The Amazon Rainforest, Himalayas etc.
Science - dissolving, solids, liquids and gases

Week 2

English - Read 'The Explorer'
Writing - Newspaper Articles/News Reports (iPads)
Geography - learn about the different types of vegetation in the rainforest
Art - Draw and paint images of rainforest plants
Incidental writing - label their artwork with an animal description

Week 3

English - Read 'The Explorer'
Writing - Newspaper Articles/News Reports (iPads)
Geography - learn about the different mountainous zones in the world and how they are formed
Maths/Computing - statistics: rainfall in the Amazon Rainforest

Week 8

English - Read 'The Firework Maker's Daughter'
Writing - Narrative (adventure story)
Geography - learn about the concerns around the overuse of the world's natural resources (rainforest timber, fish, helium)
Incidental writing - posters/persuasive arguments
Art - learn about a famous South American artist and use the techniques as inspiration for creating their own artwork.

Engage: Trip to National Coal Mining Museum (Geography focus)

Human geography, including: types of settlement and land use, economic activity including trade links, and the distribution of natural resources including energy, food, minerals and water.

Express: Renewable Energy Conference for Parents

Week 7

English - Read 'The Firework Maker's Daughter'
Writing - Narrative (adventure story)
Geography - learn about how countries trade their natural resources.
Locate some of the deepest mines in the world and look at the fantastic machinery that extracts natural resources.
History - Learn about the mining era in South Yorkshire.

Week 9

English - Read 'The Firework Maker's Daughter'
Writing - Narrative (adventure story)
Geography - Explore how scientists are trying to develop new energy resources and technologies.
Art - learn about a famous South American artist and use the techniques as inspiration for creating their own artwork.

Week 4

English - Read 'The Explorer'
Writing - Newspaper Articles/News Reports (iPads)
Geography/Science - Investigate the range of temperature zones from the poles to the tropics and the vegetation/animal life that lives there.
Incidental writing - Could a camel live in the South Pole?
Art/Science - Watercolour parts of flowers and label scientifically

Week 5

English - Read 'The Explorer'
Writing - Diary entries from the point of view of key characters
Geography - how communities and engineers deal with volcanic eruptions and earthquakes.
Design and Technology - Sew plants from the Amazon Rainforest using felt and stuffing.

Week 6

English - Read 'The Firework Maker's Daughter'
Writing - Narrative (adventure story)
Geography/Science - Places where we find our most precious life resources (water, food and energy)
Places where we find our most precious economic resources (precious metals, diamonds, energy)

Week 10

English - Read 'The Firework Maker's Daughter'
Write poems about a volcanic eruption
Music - write a rainforest song
Express Event - Invite parents to come to their renewable energy conference.