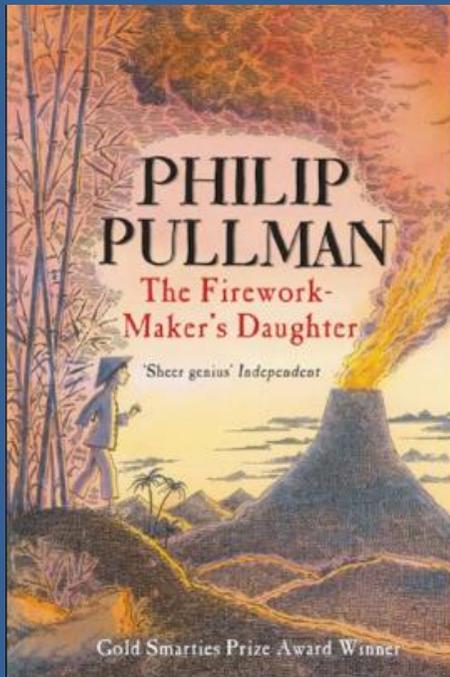


Core school value	Curriculum Key Concept	Trips/enrichment & visitors	Pupil leadership
Hope	Ecology and Evolution	O2 Young Voices	House Captains and pupil lead clubs

Term 3 2024 Topic title: Extreme Earth – Natural Disasters

Key Concept Question: How do natural disasters impact on humans and animals?

Core Text



The Firework-Maker's Daughter, by Philip Pullman, is about the protagonist, Lila, undertaking a quest to Mount Merapi in order to prove herself worthy of becoming a Firework-Maker.

Lila doesn't just want to be a Firework-Maker's daughter, she wants to be a Firework-Maker herself. But although she's learned a lot, she still must get through the most difficult and dangerous part of her apprenticeship - and her father won't tell her what it is.

In search of this final Firework-Making secret, Lila heads off alone on a journey. It is a journey filled with dangers beyond anything she could have imagined, a journey on which she will learn so much more than the one secret she set out to find. . .

English

Core reading text:

The Firework-Maker's Daughter by Philip Pullman

Reading:

We will be using texts to complete comprehension style questions: inferring meaning from the text, understanding word meanings, summarising text, retrieving information and making comparisons.

Writing:

We will discuss the text and use it as a basis for writing. We will write a diary entry, a letter, a newspaper report, a balanced argument report, information booklets, poems and a disaster story.

EGPS/Spelling:

- Understand synonyms and antonyms
- Understand, and use, prefixes to create verbs
- Understand, and use, suffixes to create verbs
- Use hyphens
- Use coordinating conjunctions

History/Geography

Key enquiry questions:

- What are natural disasters?
- What are human/man-made disasters?
- How is the Earth constructed?
- What are tectonic plates?
- How do tectonic plates move?
- How are volcanoes formed?
- Where are the world's volcanoes located?
- What is the 'Ring of Fire'?
- Why do people live near volcanoes?
- What causes an earthquake?
- Where in the world do earthquakes happen?
- What causes a tornado?
- How are earthquakes and tornadoes measured?
- What do storm chasers do?
- How do natural disasters impact life on Earth?

Maths

This term, in Maths, we will be focussing on multiplication, division and fractions.

We will:

- Divide numbers using the short and long division methods with and without remainders
- Solve problems using multiplication and division methods
- Find equivalent fractions
- Simplify fractions
- Convert between mixed number and improper fractions
- Add, subtract, multiply and divide fractions
- Find fractions of an amount
- Calculate ratio
- Use scale factors to enlarge or reduce
- Solve problems involving fractions, ratio and proportion

Curriculum Subjects

Art – create Pop Art volcanoes in the style of Andy Warhol and Rob Osborne

DT – design and make a volcano and an earthquake-proof building

PSHE – Citizenship. How do our actions impact others?

French – 'Music in France' speak in sentences, using familiar vocabulary, phrases and basic language structures

Music - listen with attention to detail and recall sounds with increasing aural accuracy, begin to use musical notation

Outdoor learning

Volcanoes

RE

Key enquiry question:

What does it mean to be a Muslim in Britain today?

Computing

Search Engines

PE – Gymnastics and Hockey

- Develop dribbling and passing skills.
- Develop control and technique through gymnastics routines with equipment.
- Evaluate and improve skills.

Science – Earth & Space (Physics)

Big Idea: Our solar system is a very small part of one of billions of galaxies in the universe.

Key enquiry questions:

- How do we know the Earth, Moon and Sun are spherical?
- How do the planets move in the Solar System?
- What are the Geocentric and Heliocentric theories?
- Why were Copernicus, Galileo and Newton significant?
- How does the Moon orbit the Earth?
- How do we get day and night?
- Why does the moon appear to change shape?