



Ambition - Community - Equality

ELMS FARM PRIMARY SCHOOL CURRICULUM



<b>Topic: How do natural disasters affect the world?</b>	
<b>Year Group: 3</b>	<b>Term: Summer 1</b>
Ambition: Learn about professions involved in geoscience	
Community: To learn about how natural disasters can affect communities across the world	
Equality: Understand that everyone should have equal rights to live in a place that they feel safe	

### Links to Prior Learning

Y2 – Locating continents	Y3 – Locating countries in Europe	Y3 – washes as backgrounds	
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### Writing Opportunities Through Topic Lessons

Labelled diagrams of the Earth's layers, volcanoes and earthquakes (tectonic plates)	Write an explanation text about how natural disasters affect the world (Use case studies)	Write a newspaper report/diary entry about how a natural disaster affected (choose a place)	Factfile : Joseph Turner, UK 1775-1851, Katsushika Hokusai Japan 1760-1849, Andy Warhol USA 1928 – 1987
Independent hot task Geography - diary: survivor of a natural disaster			

### Key Texts

When the Giant Stirred Celia Godkin	Journey to the Centre of the Earth Sarah Courtauld	An Island Grows Lola McShaefar	The Pebble in my Pocket Meredith Hooper and Chris Coady
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## Key Vocabulary

**Geography**  
**Volcano types:**  
 dormant, extinct, active, erupt, magma, lava, tsunami, Layers of the Earth: crust, mantle, outer core, inner core, tectonic plates,

**Geography**  
**volcano:** ash cloud, main vent, crater, conduit, layers of lava and ash, lava flow, magma chamber  
**Earthquake:** Earth's crust, epicentre, hypocentre, fault line, tectonic plate

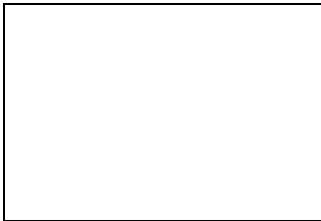
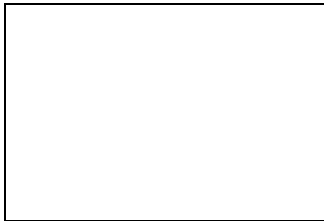
**Art**  
 compare, interpretations, perspective, distance, foreground, horizon, vanishing point, effect, smooth, blend, sharp

**Computing**  
 Spellchecker, folder, subfolder, layout, align, justified, bullet points, numbered lists, inset, image, shape, text box, screenshot, snipping tool, crop, resize

## Projects

**Art project:**  
 Drawing and painting (Landscape of volcano/tsunami using pastels and a wash background)

**Computing project:**  
 Create a word processed document about natural disasters



## Concrete Knowledge

**Geography**

- Know what the Earth's layers are and that the crust is made up of tectonic plates
- Know at least 4 parts of a volcano and explain how a volcano erupts
- Know the name of three different types of volcano (dormant, active and extinct)
- Know the difference between magma and lava
- Know what tectonic plates are and how their movement causes earthquakes and tsunamis
- Know the location of key places that are affected by volcanoes and earthquakes (including the location of Kilimanjaro and Vesuvius)

**Art**

**Know that different artists have different styles and interpretations of the same subject**  
*Know how to create a background using a wash (using different tones) between magma and lava*



### Skill Progression

**Geography**

I can label diagrams to show key geographical features

- (Layers of the Earth: crust, mantle, outer core and inner core)
- Volcano: ash cloud, main vent, crater, conduit, layers of lava and ash, lava flow, magma chamber)
- Earthquake: Earth's crust, epicentre, hypocentre, fault line, tectonic plate (cross-section diagram)

I can use research and Digi Map to find out about key geographical features (tectonic plates and how they affect volcanoes the causes of earthquakes and tsunamis)

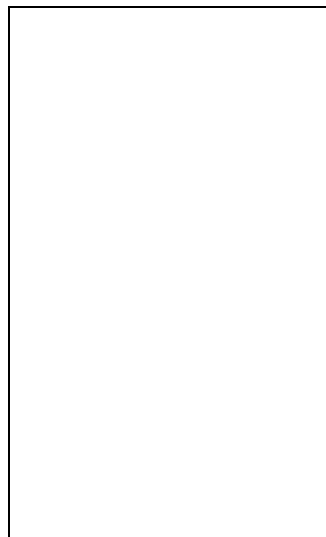
**Art**

**Artistic Elements:**  
**Line and Colour**

- I can choose an appropriately sized brush independently
- I can use a stencil to paint using 'dabbing'
- I can create a colour wash by experimenting with different paints & washes
- I can choose which paint technique to use

**Computing**

- **I have completed 'Intermediate' Lessons 1-6 on typing.com.**
- I can make use of the spellchecker.
- I can create and label folders and subfolders to organise my saved files.
- I can save my work into a specified folder and assign an appropriate name to it.
- I can align text (left/right/centred/justified).
- I can use bullet points and numbered lists.
- I can use the shift key to insert ? ! & " "
- I can use the 'insert' function to add images, shapes and text boxes.
- I can screenshot an image and crop to size.



### Science, Music, R.E., PSHE, French and P.E. units

**Science**  
**Rocks**

**Music**  
**Christmas Performance**  
– singing focus

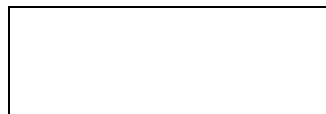
**R.E.**  
**Creating Unity and Harmony**  
**Participating and Willing to Lead**

**PSHE**  
**Keeping myself safe**

**P.E.**  
**Coach: Dance**  
**CT: Netball**

**French**  
**Animals**

**E-safety**  
**Online reputation**



### Maths in Context





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Know that earthquakes are measured on the Richter Scale

### Cultural Capital

Self-control and self-discipline

Adaptability & Resilience

Taking responsibility

Self-reflection

Our place in the world

Ambition

Care and respect

Appreciation

Livelihood

Communication

Cultural diversity and equality

Technological advancements

### Cultural and Artistic Icons

Joseph Turner

Katsushika Hokusai

Andy Warhol

### Health Education, Money Management, Environmental Education

Know the difference between danger and a risk

### Rights Respecting

Article 27:  
Every child has the right to a standard of living, good enough to meet their physical, social and mental needs

Wider links  
Article 19:  
Right to be protected from being hurt

Wider links  
Article 26: Right to help from the government if you are in need

Wider links  
Article 6:  
Right to be alive

### Enrichment experiences and Community Involvement

Make a model of a volcano



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## Supporting Texts

The Iron Man By Ted Hughes (+Read and Respond)

Earthquake! By Christine Young

What are Volcanoes By Clare Llewellyn x5

Volcanoes and Earthquakes By Don Harper

Volcanoes (Usbourne Books)

Volcano (DK Book)

Volcano and Earthquake By Brian Knapp

Earthquakes and Volcanoes (Visual Science)

Volcanoes and Earthquakes By Robin Kerrod

Shaky Ground Earthquakes by Mary Colson

The Changing Earth, Volcanoes and Earthquakes By Lawrence Williams

My Story Pompeii By Sue Reid

Escape From Pompeii By Christaina Balit x2