

Year Group: 3	Term: Summer	Enquiry: Why Does Mexico Have So Many Volcanoes?
NC Links		
<ul style="list-style-type: none"> • To locate North America and Mexico on a world map or globe. • To identify the Tropics of Cancer and Capricorn. • To understand key aspects of volcanoes and earthquakes. 		
Other Curriculum Links		
Science - rocks		
Links to Rights Respecting		
<p>Article 28 - Every child has the right to an education. Primary educations must be free and different forms of secondary education must be available to every child. Discipline in schools must respect children's dignity and their rights. Richer countries must help poorer countries achieve this.</p> <p>Article 29 - Education must develop every child's personality, talents and abilities to the full. It must encourage the child's respect for human rights, as well as respect for their parents, their own and other cultures, and the environment.</p>		
Caedmon Curriculum Drivers		
<p>Aspirations & Careers</p> <p>World Citizens</p>		
Links to North East Ambition		
<p>Introduce children to careers and industries that link to the skills learned in this unit, such as Meteorology, Geoscience, Geology, Volcanology.</p> <p>GATSBY BENCHMARK 4.</p>		
Unit Overview		
<p>Children will learn about the location of Mexico, its continent and surrounding oceans. They will find out about its location in relation to tectonic plates and the relevance of this and how these can create volcanoes and earthquakes. Children will learn about the key features of volcanoes, be able to label them and understand what happens when a volcano erupts.</p>		
Possible Visits/Visitors		
<p>One Day Creative - earthquake/volcano workshop (enquiry sent for availability and cost)</p> <p>Virtual earthquake simulation</p>		
Essential Subject Skills to be covered		
<p>Geographical Skills</p> <ul style="list-style-type: none"> • To use 4-figure grid references to locate features on a map of Mexico/Americas 		

Fieldwork

- To use digital mapping to explore the geography of Mexico.

Locational Knowledge

- To locate Mexico on a world map or globe.
- To identify the Tropics of Cancer and Capricorn.

Place Knowledge

- To describe and understand the physical geography of Mexico.
- To identify the Trans-Mexican Volcanic Belt.

Human & Physical Geography

- To describe and understand key aspects of a volcano.
- To describe and understand key aspects of earthquakes.
- To use geographical vocabulary relating to volcanoes: volcano, active, ash, vent, crater, dormant, eruption, fault, fissure, lava, magma, mantle
- To use geographical vocabulary relation to earthquakes: earthquake, crust, epicentre, focus, inner core, magnitude, mantle, normal fault, outer core.

Overall Learning Outcomes

In this unit children will expand their knowledge of the world to North & South America. They will focus their learning on Mexico, looking closely at the Trans-Mexican volcanic belt and its relation to tectonic plates. Children will be able to identify the volcanic belt on a map, using topographical features. Learning that volcanoes are often situated around the edges of tectonic plates, children will gain a basic understanding of how these plates move and cause earthquakes and volcanoes. Children will learn about and label the basic features of a volcano.

Learning Intentions (for use in self assessment at end of topic)

I know where Mexico is (continent, oceans, nearby countries, Tropics)

I know what a volcano is.

I know how earthquakes occur.

I can label a diagram of a volcano.

I can use digital mapping to identify physical features of Mexico's geography.

I can use geographical vocabulary to describe features of volcanoes and earthquakes.

Suggested Strategies for Recording Learning

- Observations of children's geographical language during mapwork, fieldwork and discussions.
- Observations of fieldwork - photos and relevant comments from children.
- Exercise books - examples of data collection, children's own maps etc.

Suggested Lesson Starters

Europe – capital cities - <https://wordwall.net/play/57376/293/942>

Continents - <https://wordwall.net/play/37494/758/798>

UK capital cities - <https://wordwall.net/resource/57664921>

Atlas map search – 4-fig grid references / find a country starting with ..., find a country in <continent/hemisphere>

Quick label mountain

Picture of a mountain – children use mentimeter to share vocab they can remember.

Word Wall – map of mainland Europe – label Spain and surrounding countries (still to be created)

