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|  **TOPIC OVERVIEW:** This project teaches children about the features and characteristics of Earth's layers, including a detailed exploration of volcanic, tectonic and seismic activity.  |
| **Introduction to topic: Rocka/fossil hunt.**  |
| **GEOGRAPHY** |
| **LEARNING OBJECTIVES:****Locational knowledge:*** Locate worlds countries, use maps to focus on Europe

**Place Knowledge:** * Understand similarities and differences between the UK and a region of Europe
 | **Human geography:** * Use maps, atlases and globes to locate countries and described features

**Physical geography:** * Describe and understand key aspects of volcanoes and earthquakes
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| **Lesson objectives:** | **WALT and Activity** | **Possible resource** |
| **GEOGRAPHY Session 1:** Objective: Children are able to recall how the Earth is structured (plate tectonics and composition). | **WALT:** identify the structure of the Earth. | Split pinsTemplate  |
| **ACTIVITY:** A hand holding a paper wheel  Description automatically generated **Label and create the layers of the Earth.**  |
| **GEOGRAPHY Session 2:** Objective: Locate world’s countries, use maps to locate countries and plates.  | **WALT:** use the terms latitude and longitude to locate different tectonic plates.  | Jigsaw templateOreos |
| **ACTIVITY: Identify and label the plates. Complete a tectonic plate jigsaw and use Oreos to demonstrate what happens to the plates. Identify which countries are located on different tectonic plates.** black round cookies on white surface |
| **GEOGRAPHY Session 3:** Objective: Children are able to recall how the Earth is structured | **WALT:** classify rocks based on their properties. | Sieves Sample potsRocks  |
| **ACTIVITY: Children to learn about the three different types of rocks and classify some based on their properties. Children to be given rocks/images to sort. Children to visit Forest school to collect samples to classify. Explore and understand the role of a geologist.** |
| **GEOGRAPHY Session 4:** Objective: Children are able to recall how the Earth is structured | **WALT:** recognize the purpose of different rocks.  | Rock samples |
| **ACTIVITY: Look at the everyday uses of different rocks and explain how their physical properties make them suitable for different jobs.**  |
| **GEOGRAPHY Session 5:** Objective: use maps, atlases and globes to locate countries and described features.  | **WALT:** understand the process of how a volcano occurs. **Explore how volcanoes are formed and locate them using maps. Complete craft activity to show how volcanoes are formed. Identify famous volcanoes on maps. Create a fact file for a famous volcano.**  | MapsAtlases |
| **ACTIVITY: Complete fact file, locate volcanoes on maps.**  |
| **GEOGRAPHY Session 6:** Objective: Describe and understand key aspects of volcanoes and earthquakes | WALT: identify how a landscape changes after a volcanic eruption. | PicturesPictures of the layers of the Earth.  |
| **ACTIVITY: Explore and compare how the landscape changes after an eruption. Label and**  |
| **GEOGRAPHY Session 7:** Objective: Describe and understand key aspects of volcanoes and earthquakes | **WALT:** understand the process of how tsunamis occur.  | Information and images about the volcanic eruption in Fuego. |
| **ACTIVITY: Complete a case study of the Fuego volcanic eruption.**  |
| **GEOGRAPHY Session 8:** Objective: Describe and understand key aspects of volcanoes, earthquakes and tsunamis. | WALT: identify the impact of tsunamis and volcanic eruptions in different places around the world.  | Resources for experiments to include: newspaper, mud and wood.  |
| **ACTIVITY: Explore the devastation caused by tsunamis and volcanic eruptions. Look at maps to see how geographical features have been altered due to the effects of the eruption/tsunami. Complete a tsunami/earthquake experiment to demonstrate the impact they have.**  |
| **HISTORY** |
| **LEARNING OBJECTIVES:****Historical periods and people:** * Roman Empire and its impact on Britain

**Chronology:** * Create timelines across and within historical time periods
 | **Historical concepts:*** Understand the cause and significance of historical events
* Compare historical periods (Similarities and differences)
* Ask historical questions about characteristics, links and evidence
* Use historical sources to support historical knowledge
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| **Lesson objectives:** | **WALT and Activity** | **Possible resource** |
| **HISTORY Session 1:** Objective: Understand the cause and significance of historical events.  | **WALT: explore the history of Pompeii.**  | Historical sources showing the remains found in Pompeii. Timeline of events  |
| **ACTIVITY: Compare sources to understand the events of Pompeii. Discuss whether people should be allowed to walk around Pompeii. What does that mean for remaining evidence? Order the events onto a timeline.**  |
| **HISTORY Session 2:** Objective: Understand the cause and significance of historical events.  | **WALT: complete a diary entry from the city of Pompeii.**  | Completed timelines |
| **ACTIVITY: Children to use the sources and timeline to plan and complete a diary entry.**  |
| **HISTORY Session 3:** Objective: use historical sources to support historical knowledge.  | **WALT:** **understand what fossils are and what they can tell us.**  | Soil  |
| **ACTIVITY: complete an excavation. Explore how they are made and what we can learn from them.**  |
| **HISTORY Session 4:** Objective: ask historical questions about characteristics, links and evidence.  | **WALT:** **create a fact file to celebrate the work of Mary Anning.**   | Fact file template  |
| **ACTIVITY: Investigate the role of a palaeontologist. Why is Mary Anning remembered?** |
| **HISTORY Session 5:** Objective | **WALT: to understand the effects of the earthquake in 2004.** | PhotosTimeline template |
| **ACTIVITY: Compare sources to understand the events of the earthquake in 2004 which resulted in the tsunami in Thailand. Discuss? Order the events onto a timeline.** |
| **HISTORY Session 6:** Objective | **WALT:** **discuss the effects of the earthquake in the Indian ocean in 2004.** | PhotosNewspaper template. |
| **ACTIVITY: Use sources to explore the effects of the 2004 earthquake in the Indian Ocean. Write a newspaper report about the events and their impact.**  |
| **HISTORY Session 7:** Objective | **WALT:**  |  |
| **ACTIVITY:** |
| **HISTORY Session 8:** Objective | **WALT:**  |  |
| **ACTIVITY:** |
| **ART** |
| **LEARNING OBJECTIVES:****ART*** to create sketch books to record their observations and use them to review and revisit ideas
* Improve their mastery of art and design techniques, including drawing, painting and sculpture with a range of materials [for example, pencil, charcoal, paint, clay]
 | **DT*** Make: Use a wide range of materials according to their function
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| **Lesson objectives:** | **WALT and Activity** | **Possible resource** |
| **ART Session 1:** Objective: make a wide range of materials according to their function.  | **WALT:** create a model of the layers of the Earth.  | Art resources  |
| **ACTIVITY: Children to create a model of the layers of the Earth using a range of materials.**  |
| **ART Session 2:** Objective: make a wide range of materials according to their function.  | **WALT:** **create a volcano using a range of materials.**  | Art resources  |
| **ACTIVITY:** V is for Volcano Craft - Preschool Craft - Letter of the Week Craft ... To use a range of materials to create a volcanic eruption.  |
| **ART Session 3:** Objective | **WALT:** **create a mosaic from the city of Pompeii.**  | Art resources  |
| **ACTIVITY: Explore the images from the mosaic discovered in 1831. Plan and create a mosaic based on this.**  |
| **DT Session 1:** Objective | **WALT: make a fossil.** | Clay |
| **ACTIVITY: Make a series of fossils using clay.**  |
| **DT Session 2:** Objective | **WALT: make a fossil.** | Clay |
| **ACTIVITY: Make a series of fossils using clay.**  |