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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 | |
| **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 pins  Template |
| **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 template  Oreos |
| **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 pots  Rocks |
| **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.** | | | Maps  Atlases |
| **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. | | | Pictures  Pictures 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 | |
| **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.** | | Photos  Timeline 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.** | | Photos  Newspaper 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 | |
| **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.** | | |