

Discuss the effects of the Earth moving – violent volcanoes, devastating earthquakes and magnificent mountain ranges. Delve into the Earth to discover its internal structure before adopting a pet rock.

During this workshop, your pupils will build up an integrated picture of the dynamic nature of planet Earth. They will explore volcanoes, experience an earthquake and witness the enormity of mountains. Group discussions are encouraged on what causes these to occur and lead into the structure of planet Earth and the movement of tectonic plates. Pupils will be involved in an interactive Smartboard activity to reinforce understanding about the different layers that make up Earth. Characteristics of different volcanic rocks form the basis of a team game which rounds up this workshop, where pupils adopt a pet rock.

This workshop enables pupils to:

Develop curiosity and understanding of the environment and my place in the living, material and physical world.

Demonstrate a secure knowledge and understanding of the big ideas and concepts of the sciences.

Develop skills in the accurate use of scientific inquiry and investigation using practical techniques.

Recognise the impact the sciences make on their life, the lives of others, the environment and on society.

Develop as a scientifically-literate citizen with a lifelong interest in the sciences.

Communicate, collaborate and build relationships.

Curriculum for Excellence Experiences and Outcomes:

Social studies – people, place and environment

I can describe the major characteristic features of Scotland's landscape and explain how these were formed. SOC 2-07a

I can describe the physical processes of a natural disaster and discuss its impact on people and the landscape. SOC 2-07b

Materials – Earths materials

Having explored the substances that make up earth's surface, I can compare some of their characteristics and uses. SCN 2-17a

Literacy and English – Writing

Throughout the writing process, I can check that my writing makes sense and meets its purpose. LIT 2-23a

By considering the type of text I am creating, I can select ideas and relevant information, organise these in an appropriate way for purpose and use suitable vocabulary for my audience. LIT 2-26a