



Geology Club

Sessions Overview

Through a series of entertaining and educational workshops, based on practical hands-on experiences, this course is designed to give an appreciation of how Geology contributes to our understanding of how our planet developed and how it affects our existence today, through the medium of Photography/Imaging and for children to gain an insight into a range of related careers.

Breakdown of Sessions for the Geology Club Workshops:

Session 1: Introduction to Geology

Learning opportunities include:

- What is Geology?
- Why is it important?
- What do Geologists do?

Session 2: Time in Geology

Learning opportunities include:

- How old is the Earth?
- How did it evolve?
- When did the first creatures/humans appear?
- How do we know these things?

Session 3: Structure of the Earth

Learning opportunities include:

- What are the Crust and Mantle?
- Tectonic Plates
- Different types of Rocks and Soils and where they come from

- Introduction to Landscape Photography

Session 4: Living with Geology

Learning opportunities include:

- Earthquakes and Volcanoes
- The effects of water including Glaciers and Rivers
- Photography of Movement – Panning and Stop Motion

Session 5: Geology Methods

Learning opportunities include:

- Understanding Field Work
- Identifying Rocks
- Structural Geology
- The role of Photography

Session 6: Applied Geology

Learning opportunities include:

- Planetary Geology
- Economic Geology, including Mining and Oil & Gas.
- Hydrogeology/Environmental Issues
- Natural Hazards

