



Paleontology 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 Archaeology and Paleontology contributes to our understanding of human activity in the past, through the medium of Photography/Imaging and for children to gain an insight into a range of related careers.

Breakdown of Sessions for the Paleontology Club Workshops:

Session 1: Introduction to Archaeology

- The purpose of Archaeology
- What is Paleontology?
- How old is it?
- Symmetry/Asymmetry

Learning opportunities include:

A brief history of Archaeology

Chronological aging through stratification, context and carbon dating

An introduction to landscape photography

Session 2: Field Survey – Above Ground

- Importance of the regional and site survey
- What are we looking for?
- Observation tools

Learning opportunities include:

Aerial Photography

Further landscape photography, including panoramas/photo collage

Visible artifacts

Session 3: Field Survey – Beneath the Surface

- Remote Sensing
- The use of geophysics to read what's going on underground
- How electronics can help us

Learning opportunities include:

Exploring with a borescope

Using electronics to detect differences in moisture content

Metal detectors – good or bad?

Session 4: Excavation

- Systematic Excavation
- Developing observation skills
- Persistence and care

Learning opportunities include:

Searching for and identifying small objects

Careful use of hand tools

Documentary Photography

Session 5: Analysis

- Recording information
- Processing of artifacts including analysis
- Modelling of incomplete artifacts

Learning opportunities include:

Still Life Photography

Macro Photography for small objects

Computational Archaeology

Session 6: Branches of Archaeology

- Ethnoarchaeology – Archaeology of People
- Historical Archaeology
- Underwater Archaeology
- Careers

Learning opportunities include:

Portrait and Street Photography

The role of handwriting in Archaeology

Underwater Photography methods

Possible careers using Archaeology

