

# Case Studies

Learning Resources  
Projects



**PETER RALPH STUDIOS**

**FoCUSed Learning**  
and Interpretation

# STICK Scottish Transport and Industry Content Knowledge

Client – National Museums of Scotland

Development of loan boxes and supporting resources including film

Contract value £10,000

The three loan boxes represented major industries in Scotland and comprised: Typewriters, Sewing Machines and Joinery tools and the boxes included relevant items associated with the themes. The resources were piloted in local schools in Coatbridge nr Glasgow and are now based at the Summerlee Museum of Industrial Heritage.

☐ Loan boxes with typewriters, sewing machines and joinery tools

☐ Films showing how to use the machines and tools demonstrated by craftspeople

☐ Activities based on the themes

represented by the box contents

☐ Practical activities encouraging pupils to

use the machines and tools



# Heather and Hillforts, Ruthin

Client – Clwydian AONB

Development and implementation of learning resources

Contract value £8,000

Developing learning resources around a set of loan boxes based on a Celtic Hoard and a Moorland Treasure Chest. The resources will include activities based on object handling, interactive media and site visits. A wide range of media will be used including historic photographs, images, documents and oral history.

☑ Creating object handling boxes including a Celtic Hoard and Heather Treasure Chest

☑ Using artefacts relevant to the location

☑ Working with local

craftspeople to create replica

artefacts

☑ Writing handbooks for

loan boxes: Celtic Hoard and

Moorland Chest



# Natural History Museum, London

Client – Natural History Museum

Gallery based learning project

Contract value £24,000

Eighteen gallery guides for self-led groups were developed for the museum based on higher level thinking skills and a series of challenges. Additional material is available on the NHM website. The resources covered curriculum areas at KS 1, 2, 3 and 4.

☐ 24 Self-led Gallery guides linked to thinking skills

☐ Themed to gallery content

☐ Task driven activities for Primary and Secondary Pupils

☐ Web based reward downloads

Learning in the galleries

## Learning in the galleries

Dinosaurs, volcanoes, precious gems, creepy crawlies – the Museum is home to one of the world's finest collections of natural history specimens, with 70 million plants, animals, fossils, rocks and minerals – many on display in fascinating galleries.

You can explore these galleries on your own, but the best and most rewarding way to use them is with our self-led guides. These will help focus your visit, providing a stimulating and inspiring way for students of all Key Stages to explore the Museum while supporting learning relevant to the National Curriculum.

### Free downloadable activities

Download and print one of four free activities, designed to be used in a number of different galleries. Go to [www.nhm.ac.uk/explore-discover-downloads](http://www.nhm.ac.uk/explore-discover-downloads) and also link to a variety of curriculum themes including literacy, art and science. Preparation and follow-up activities are included.

### Explore and Discover

(KS1-4)

Our range of exciting, fun and innovative learning resources will help you get the most out of your visit. Each guide contains challenges for your pupils that are closely linked to the National Curriculum and QCA schemes of work. Guides cost 50p if booked and paid for in advance. Samples, teacher notes and answers can be downloaded from [www.nhm.ac.uk/explore-discover-primary](http://www.nhm.ac.uk/explore-discover-primary)

### Key Stage 1

**Animal parts** – Take the animal adventure  
Explore the similarities and differences between us and other animals. Make comparisons and use appropriate words to describe a range of animals.  
Galleries: *Mammals*, *Mammals (blue whale)*  
Learning themes:  Ourselves, variation, life processes and other animals.

**Dinosaurs** – Become a dinosaur detective  
Explore how dinosaurs lived. Make observations when answering questions and use appropriate vocabulary to describe life processes.  
Gallery: *Dinosaurs*  
Learning themes:  Life processes and other animals, scientific enquiry, variation, health and growing.

161 Schools and Colleges Autumn Term 2008

Book now on 020 7942 5555

# The Wash Estuary Project

Client - Wash Estuary Project Management Team

Learning Project

Contract value £24,000

The content for this project covers all aspects of the natural and built environment in the Wash area. The material is formatted for the Wash Estuary Project Website. The project encourages and supports visits to the Wash area both the natural seashore environment and the farming community.

☐ 'Using energy wisely' learning programme

☐ Alternative energy workshops linked to Wash projects

☐ Farm links for partner schools

☐ Activities and resources to support learning outside the classroom



# Combe Mill Blenheim Palace Estate Yard

Client – Combe Mill Society

Learning Interpretation and Volunteering [HLF FUNDED]

Contract value £72,000

Combe Mill is an industrial heritage site and contains working forges, beam engine and a water wheel. This project covered learning and the development of practical hands on activities linked to the themes of engineering and technology. Additional funding by the Institute of Physics and the Edina Trust has enabled us to develop resources on the theme of 'Engineering Physics'. A children's learning trail 'Millie the Mill Cat' extends the learning experience to young children.

☑ Millie the Mill Cat learning trail

☑ Physics themes based on 'Work, Power and Energy' 'Pendulums' Generating Electricity using the Mill Wheel' and 'Changing Materials' in the forge. This project is linked to the interpretation.

☑ A challenge based learning activity using K'nex has been developed

☑ A tinkering table provides opportunity to use tools and engage in practical activity

