

Education Partners



Pendle Primary School at the pinnacle

[RMS]

Right from the start of the planning process there was a definite wish to include as many education partners as possible. This was envisaged in various forms and levels.

The team realised that there were a number of areas in which educational establishments could help with the investigative and recording stages of the project, but there was also the desire for there to be some art-based interpretive input.

For the more technical aspects the University of Central Lancashire (UCLan) was approached. One of the courses they offer at masters level is Building Conservation and Adaptation¹, run by Chris O'Flaherty. Chris took advantage of the project in various ways. UCLan also produced a 3D survey for us.

The Clitheroe Primary Schools were approached with a view to their taking part in the project through an art activity and the offer was seized wholeheartedly by Pendle Primary School. The year 6 teacher, Malcolm Scott with the full support of the head teacher, Alison Young, produced some marvellous pieces of work.

This section includes more detail of these participatory activities.

Pendle Primary School

Malcolm Scott, teacher

We were made aware of the problems facing the pinnacle from Westminster Palace through a Clitheroe Advertiser Article some months ago. Our headteacher, Mrs Alison Callon and all our upper junior members of staff attended the meeting at the Council Room on Church Brow. We found the history of the landmark by Steve Burke and the structural issues talk by Ivan Wilson fascinating...but the *pièce de résistance* was the wonderful diagram by Richard Schofield. Steve gave several talks to our children in upper juniors. The children really appreciated the importance of the pinnacle and wanted to find out more.

We then continued the project by looking at Victorian architecture. We studied and sketched the external features of Victorian buildings in our area. We looked at Victorian building materials and compared them to today's.

¹ http://www.uclan.ac.uk/courses/msc_pgdp_pgcert_building_conservation_and_adaptation.php

It also allowed us to improve our art skills. The project enabled us to teach 3D perspective, drawing using vanishing lines and we were also able to develop the use of shade and tone in order to incorporate the effects of light and shadow. We used these to sketch Victorian terraced houses.

Next we prepared a visit to St Mary's Church, which has had a spire restoration recently. The parish church spire has had similar issues to Clitheroe's pinnacle. We toured the church with the Rev. Andy Froud as our guide. We carried out extensive sketching and investigated the Victorian architecture, religious artefacts and art from that time - in its various forms. This was a very hands on and much enjoyed activity. Andy Froud explained in full the process of the restoration of the spire. Later we walked to the pinnacle in the park and studied the features and issues. We made 3D sketches using perspective and vanishing lines.

While at the church and the pinnacle we were able to investigate Pythagora - our more able children made measurements so that they could find the heights of the spire and the pinnacle. We would need these accurate measurements in order to carry out scaled artwork and model making later.

Following this we looked at the Palace of Westminster and discussed how the political process works with representation with MPs. This coincided with the General Election.

We had circle time activities in which we held votes and were able to use the data handling skills for our Maths lessons.

Most recently we used the photographs taken at the pinnacle and Richard Schof-

ield's diagram to produce "big art" scale interpretations of the pinnacle using a variety of selected mediums.

These are now finished and have been on display in our school. Recently they have gone on display in a town centre shop window.

We hoped to make a visit to London and with our MP Nigel Evans as our guide and tour the Palace of Westminster. Unfortunately there were practical problems with this.

Recently we held a model making competition in school where the children needed to construct models of the pinnacle. We had entries from all ages from reception through to the upper juniors.

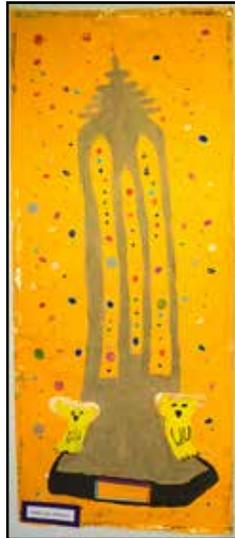
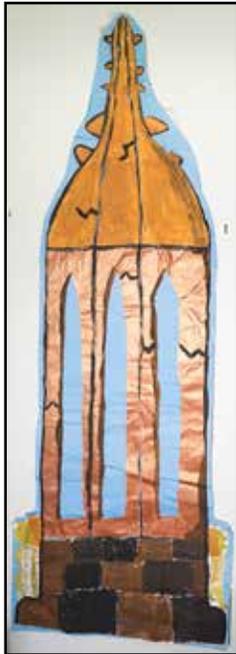
Finally I must mention a celebration provided by the Clitheroe Civic Society. Various members of the society thanked us for our participation in the project and those with technical expertise told of the various problems faced by the engineers carrying out the restoration. As for the event, this was a truly fantastic party at the Atrium Café, in the Castle grounds (not far from the pinnacle). The children and staff of the school were thanked for their efforts by various members of the society and then we were served slices of chocolate cake from an enormous pinnacle shaped cake. This was enjoyed with a cup of hot chocolate. At this event children were presented with fabulous Arts Award certificates. We were really grateful for such a super celebration.

We are keeping a collection of our work in an A3 book and have been asked if we would mind this and our art work, displaying in the local museum.



Pendle Primary School pupils at their party.

[RMS]



Some of the marvellous pieces of art produced by the pupils of Pendle Primary School.

Bottom right is a detail of one of the lions from the picture above it - one of our favourite parts!



[Editor's Note: The party that Malcolm mentions above was the result of the project team being so impressed with the work carried out by the Pendle School pupils and their efforts to gain their Trinity Art Awards. The certificates were provided and presented by Lancashire County Councillor Ian Brown and the fantastic cake made especially for them by Linda Middleton. Here are a few photographs.

Clockwork from top left:

The school at the pinnacle before the party,
Head Teacher, Alison Young cutting the cake,
Pupils enjoying the event,

The aftermath!

Project Leader, Steve Burke deep in conversation about project work

Linda Middleton being presented with flowers
Cllr. Ian Brown presenting the Trinity Arts Awards

Centre: The special cake





University of Central Lancashire

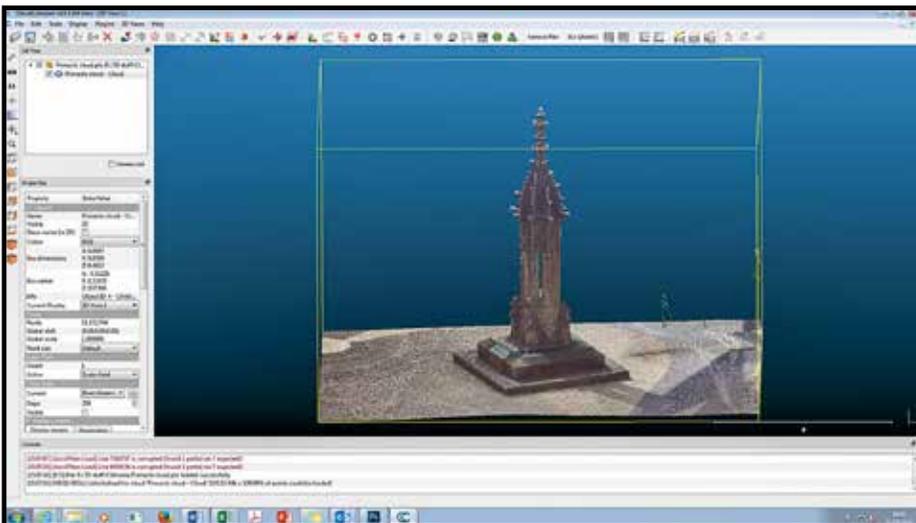
3D Scanning

Part of the facilities that the forensics and archaeology departments at the university share is a laboratory. The technicians are able to carry out 3D laser scanning of a location and were asked to carry out a survey of the pinnacle. This was to be used for various purposes including diagnostic work and use for presentations.

The scan was carried out by Clare Bedford from UCLan using specialist equipment. This produced a huge computer file containing the location of over 5 million points on and around the pinnacle. This could be read by various computer programs to produce working views of the site.

At the point of producing this publication we are still making efforts to use the information to enable small models of the pinnacle to be made. These could be displayed in the Clitheroe Castle Museum and used for continuing awareness raising work.

The scan file means that we have a permanent record of the condition of the pinnacle before any work was carried out for this project and is an important part of the overall project archive.



An example of the resulting visual representation of the pinnacle.

MSc Student Involvement

The process of determining what work needed to be carried out on the pinnacle and the most appropriate method of carrying it out was of great interest to students on the MSc course at UCLan on Building Conservation and Adaptation. From an early stage in the project, Steve Burke liaised with the course leader, Chris O'Flaherty to develop a suitable framework. Steve also mentored one student for a piece of course work based on the project.

The UCLan students visited the site both prior to and during the work. They were told about the background to the project by Steve Burke and then had the opportunity to inspect the work in progress. Our specialist conservation contractor, Heritage Conservation Restoration Ltd (HCRL) were extremely helpful and spend time describing the various aspects of the work that were of interest. They appreciated the opportunity the project held both for them to put forward a contractor's view as well as to assist in the development of a future generation of conservation specialists.





This spread of photographs show groups of UCLan students and other visitors with Steve Burke along with Mick Goulding and Danny Parker from HCRL.

