



CLIENT BASED APPROACH CASE STUDY

Name of Client: Anglesey County Council

Title of Case Study: Ysgol Cybi, Holyhead - STEM Interactions (Pupil Engagement)



The Challenge:

Anglesey County Council are committed to the delivery of pupil engagement during the construction phase of new schools under the 21st Century School programme and in particular a focus on STEM (Science, Technology, Engineering & Maths) subjects and curriculum. The new Ysgol Cybi building replaced three existing schools in Holyhead – Ysgol Llaingoch, Ysgol Y Parc and Ysgol Parchedig Thomas Elis, creating a “super school” with over 500 pupils.

The 21st Century Schools community benefits target includes the number of Pupil interactions per £m invested with a Benchmark Value of 150 per £m. For the Ysgol Cybi project, this target was 1,350 Pupil Interactions. Equally, the National Skills Academy for Construction target for Construction Curriculum Support Activities was 7 activities in total.

The Response:

Our main contractor for the scheme, Wynne Construction, worked closely with the three existing primary schools plus Holyhead High School to deliver a range of workshops covering health & safety, construction processes and “Numeracy in the Workplace”.

The numeracy workshops were aimed at Year 6 pupils who were transitioning to Holyhead High School and were organised in conjunction with the mathematics department who wanted to highlight the importance of basic maths and how this is used in the workplace. The schools which took part were: Ysgol Rhosneigr, St Mary’s School, Ysgol Llaingoch, Ysgol Rhoscolyn, Ysgol Parch Thomas Ellis, Ysgol y Fali, Ysgol y Tywyn and Ysgol Y Parc.

Other workshops included a health & safety presentation highlighting the dangers of sites in order to educate the children who lived locally, and these were followed up with site visits once the school was nearly completed, with an introduction to the types of trades that were used in the building process.

The Results:

The Numeracy workshops were very well received by the children and 7 primary schools and 89 children took part in total.

The other workshops and site visits included the three primary schools who were merging to create Ysgol Cybi with 558 children involved.

Other activities including CodiSTEM events, Careers Fair and site visits by TRAC involved another 237 pupils/students.

The total pupil interactions achieved for the project was 1,310 and 10 curriculum-based activities were completed for the NSAfC KPIs.

Transferable Solutions:

The transferable solutions are the format of the workshops and the numeracy activities that were taught, including measuring and volumes and other elements of the KS2 curriculum. This has been subsequently used on other projects.

Equally the messages from the H&S workshops and the site visits to meet and talk about the trades on-site is to be continued on new projects.

With the merging of three schools into one site, we found that by introducing the pupils to the new school building during the construction process added to their enthusiasm to move schools, and this message was taken home with them, encouraging the parents to see the benefits and to feel comfortable with all the changes. It was helpful in the overall transition along with the Community Open Day which was held in July 2017.



Guidance for completion of the case study template:

Make sure the Clients Organisation Name is completed so that we know who it came from!

The completed case study should be approx. 500 – 600 words long (1 -2 sides of A4).

Please ensure that your case study always refers to the National Skills Academy for Construction – not NSAfC or National Skills Academy.

Clients using the CBA model are required to submit a minimum of 1 case study per year.

Clients must use the National Skills Academy for Construction template for all case studies submitted.

The template is split into 4 Headers;

- Response
- Challenge
- Results
- Transferrable Solutions

The case study should demonstrate how the project has delivered core elements of the Employment and Skills Plan, in particular around KPI delivery and especially highlighting best practice around apprentice recruitment, up- skilling of the project supply chain and areas of community engagement.

The headers are there to provide a prompt, e.g.

Response – What the project responding to? (KPIs/Targets/ESP delivery)

Challenge – The challenge the project faced and how it enabled the outcomes

Results – Outcomes of the actions taken by the project

Transferrable Solutions – Wider NSAfC network, how can this approach be replicated

Case studies should include quotes from those involved in the activity where possible.

Wherever possible, a photograph should also accompany the case study.

The Client must ensure that sign –off from their own internal communication/PR team has been obtained and permission given by participants for any quotes / photographs used.

Monitoring and Review of Case Studies

Case Studies are reviewed monthly.

One case study is chosen to be ‘Spotlight Winner’ – This means the link to the case study is on the front page of the National Skills Academy for Construction website.

All case studies that have been reviewed and approved are uploaded onto the National Skills Academy for Construction website.

For an example of an approved case study, please visit this link:

<http://www.cskills.org/nsacademy/case-studies-news/others/upskilling-wforce-nvgs.aspx>