



Go4SET

EDT

Environmentally themed 10 week science, engineering and technology projects

Go4Set EDT Technology Competition, Summer term 2009. Launch Day.

On 28th April 2009, two teams of 6 from LGGS got on a train, accompanied by Mrs Sandbach and Mr Walker, from Lancaster and travelled to Manchester, to the Museum of Science and Industry. The two teams consisted of E Hetherington, K Jones, L Griffith, Z Harding, N Kotonya and Me Golash in one team, and C Farey, L Stewart, M Shields, A Holden, C Joseph and E Evans in the other.

We arrived at the museum twenty minutes early and were soon seated in our teams and introduced to our mentors. There were 18 teams in total, including our two teams. As the day began, we were given a set challenge. We were told to make the tallest tower we could out of 27 newspapers and 3 tubes of cellotape. Unfortunately only one team, the first team mentioned, managed to make a free-standing tower, but didn't make the rankings although they weren't far behind. After this, we got a small booklet, and in this booklet there was an exercise to help us identify our own individual skills. this lasted around half an hour and after this, we had a small talk from an engineer to finish our morning.

After lunch, we were set another challenge. We had to take different roles, to make a small model, identical to one that was already built at the back of the room. Two people, and two people only, the Project Manager and the Site Engineer, were allowed to look at the model. They had to report back to the rest of the group, and explain to the Draftsman what

the model looked like, and the Draftsman had to produce a small sketch. But there was a catch, they couldn't see it more than twice, and for no longer than 2 minutes. The Draftsman then had to show the General Foreman the picture, and she had to order the things she'd need by asking the Buildings Surveyor to do so, but if we overspent, we'd lose points. The Building Surveyor would then bring back the building blocks and the General Foreman would then build the model, but no-one else was allowed to touch the blocks. The Buildings Surveyor would do a final check to make sure everything was correct and then the Planner would plan a presentation about the model. After planning the presentation, unfortunately we didn't actually get to show it.

After this, we had the last event of the day. This was another small speech to explain the project which we were doing. We got told we could pick between two things about the school, the water or the energy. Both of our teams chose to go with energy, with one team researching the Energy used in the Art block and how to reduce it, and the other J block. The project will last for about 8-10 weeks. We will be working with Engineers from the National Nuclear Labs and the University of Lancaster and we will go on an industrial visit to both places. This is a regional competition and we will go back to Manchester to present our projects at the end of June, and no matter whether we win or not, we will still be awarded a Silver Crest Award. We all had a very good time and hope the next 8-10 weeks of the project will be well worth it.

E Hetherington and K Jones 9K