

## LIFELONG LEARNING REPORT FOR 10 JULY 2017 MEETING

### Greenpower Event at Croft on 28 June

I could not attend this year due to a family funeral but Adrian attended in the morning and can tell us about his experience at the meeting.

Mike Lambert sent an e mail which included photographs. Please see some of them below. 19 schools in total attended.

Of the schools funded jointly with I Mech E or CSI grants, Mike reported that Barton, Mowden, Normanby, Norton Primary, Skerne Park, Springfield, Whinfield, Firthmoor took part. St Patrick's did not register in time probably because it was started late but they want to complete it.

Barton won the Slalom event, Norton were second in the drag event. Mowden won the best body work and Normanby won the best portfolio award

Secondary schools supported by CSI, Longfield won the event. They had a kit car but beat the the original design cars with much lighter bodywork and were more scientific. Longfield will go on to Rockingham for the Finals. I believe this is the first time that we have had a school in the finals. Richmond School's girl's team did very well too. Queen Elizabeth 6<sup>th</sup> form did not take part due to exams



### Nunthorpe School

Alison Blacklock's reply to my e mail mentions that the Gravity Racing car was dismantled because a lot of work with electrics is being done in the department. The VEX Robotics kit is being used by the Head of Maths with a few students and I am hoping to visit the school before the end of term.

### Middlesbrough VEX Robotics update

**Kings Academy.** The teacher concerned is continuing with the project and is going to use the Year 10 students to mentor and work with a small group of Year 8 students. One of the students who took part was trying to change his work experience placement as a result of the experience to a local robotics company. He is hoping that we could help them with the entrance fee for the competition which has gone up from £75 to £125 and for replacement parts

**Laurence Jackson** isn't using the kit but the kit has now been collected and is being housed and used by Andrew Stogdale

I finally made contact with the teacher from **Acklam Grange School** who assured me that the kit was being used and the school were hoping to order 10 more sets due to the interest in the school. I am visiting the school at lunchtime on 12 July. **St Patrick's** say they are using the kits and I am waiting for a date to visit the school. I will try again to contact Trinity before the end of term. **Trinity College** are going to update me. They have had staff changes and it is not clear where in the school it is.

### **Generating Geologists – Teesmouth Field Centre**

They had intended to work with 10 primary school classes and will have completed 9. They will send a report soon

### **Inspire2Learn**

I visited the Centre on 29 June and saw a small but keen group of primary school children from Acklam Whin working with their VEX Robotics kits. Acklam Whin does the activity with a small club run by 2 Higher Level Teaching Assistants. The students involved are from years 2-5 to ensure continuity.

Many schools that were due to attend the event did not show up for a variety of reasons and Andrew was following this up

The secondary school kit returned from Laurence Jackson was being used by the only girl Imogen Thompson (Year 5) who was there and she was so interested and keen as were the other students

Given below is her report about her involvement in the project

"I really like doing the VEX robots because when you have made the robot or whatever you have made with it you can code it and see how everything works. My favourite challenge was making the snow plough and adapting it to move the snow as best we could. I really enjoyed trying to build the VEX claw bot with metal pieces and screws today at the Inspire to Learn Centre. I am really looking forward to competing in the ring master challenge next year. Our weekly lunch time clubs are really good. I've learned a lot about programming and engineering this year."

Andrew has a lot of exciting developments in the pipeline.



### **Application Form**

Adrian's new Application Form is being finalised and will be sent to new applicants. The forms expected are from Children Challenging Industry, Kings Academy and Inspire2Learn