

The Specialist @ Nunthorpe

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Editorial: As a Specialist Science, Business and Enterprise School, running a successful Enterprise Week (14-19 November) is very important to us and I am grateful to all who participated. In the current economic climate Enterprise skills are required more than ever so our students can succeed in the future. I wish you all a happy and prosperous 2012.

The centrepiece of Enterprise Week was The Christmas Fair that was held on Wednesday 16 November and raised over £200. Nunthorpe Primary and Overfields Primary schools participated this year. Nunthorpe Primary had completed a six week cycle of Primary Business delivered by Mr O'Neil from BIE with the assistance of 4 sixth form students. Overfields (pictured right) were only halfway through their cycle at the time of the Fair, however they produced Christmas decorations which they sold on the day.



Hannah Priestman (pictured left), a Year 13 student, was able to use the Fair as a showcase for her talents for making individually crafted Sweet Trees. Hannah had a catalogue of her produce along with the White Mouse Tree which she raffled. The Fair gave her the ideal opportunity to take orders for Christmas presents.

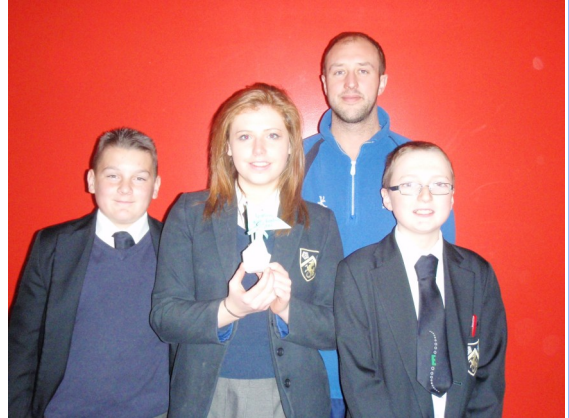
The Art faculty had Christmas gift wrap and decorations for sale. 'Paper & Tags' is a small business which is a collaboration with the BIE faculty. All the year groups are invited to make designs for the hand printed paper and Year 11 BIE students manage the advertising and financial side of the business. The students are now preparing for Valentines Day and other upcoming seasonal occasions.



The Technology faculty had a stall where they sold products that had been designed and made by both students and staff. This ranged from Christmas tree decorations to bracelets and Christmas cards. Check out the website for more pictures of the day.

Enterprise Week continued:

The theme for House assemblies prior to Enterprise week was the challenge of making a paper boat that reflected their House. At the start of each assembly the students were informed that the winning House would receive a financial donation to their House charity. The students had 15 minutes to make and decorate a paper boat from the resources supplied. There are 5 Houses and 10 tutor groups in each House. Each tutor group was divided into 5 home teams and a boat was created by each home team and at the end of the time period the students had to choose which one of the 5 boats would represent their tutor group. At the end of the week the judges whittled down the 50 boats so that each House was represented by a single boat. The final five were then tested to see how long they could float and the winning House was Endeavour.



The winning House team (pictured above) were Connor Addison (left), Abigail Shepherd (centre) and Thomas Pickering (right) with their tutor Mr D Bunn.



Back Row; (l to r) Peter Redshaw, Oliver Wheeler, Matthew Twohig, Aiden Woodward, Sam Peirson, Alex Hopper; Front Row : (l to r) Lorna Bambridge, Emily Robinson, Jamie Paterson, Smarika Tuladhar, Hannah Phillipson, Karenvir Kaur, Holly Cairns

The Aeroplane Business Challenge is a feature of Enterprise week which thirteen Year 11 students (pictured opposite) delivered to our Year 7 students with commitment, professionalism and enthusiasm.

The Year 7 students were divided into groups and each group had to design and produce an aeroplane suitable to meet the needs of a given scenario relating to weather conditions and

destinations. There was a time limit on the task at the end of which each group sent their nominated spokesperson up to the judging panel to try and persuade the judges of the suitability of their aeroplane design. Each group were then paid credits based on the judges opinion of their design and all the groups had to decide how many credits to bank and how many to keep ready to buy materials for the next scenario. At the end of the

session the team with the most credits in the bank were declared the winners. The students had great fun designing and building the aeroplanes and competing against the other groups whilst allowing them to use their various individual talents for the benefit of the whole group. Overall winners were 7Q2 and 7Z4. This year the Year 11 students decided to add a twist to the challenges and have the staff compete and allow the Year 7 students to 'vote' for the winner.





Solar Oven Project

A group of 20 Year 10 female students along with students from other schools attended a First Edition 'hands on' curriculum enrichment day at Northumbria University, Newcastle on Wednesday 23 November 2011. The activity was designed to encourage creativity and innovation through practical team based activities allied to extensive problem solving.

The problem to be solved was how to harness the sun's energy to heat Solar Ovens.

After an ice breaker activity the students had an hour to plan, design and then build a Solar Oven from the resources supplied. They also had to show all the stages of their design and how they could make it a viable commercial project. When completed the written designs and actual ovens were judged on how much heat they were able to produce. The challenge was an opportunity to extend their science knowledge and understanding along with working with other students from different schools in the North East.



Nunthorpe students, (From left) Karl Boddy, Philippa Stone, Nagaeswari Nagendar and Adam Levick

'Top of the Bench'

Nunthorpe acted as hosts for the heats of Top of the Bench which is run by Salters' and the Royal Society of Chemistry. On Tuesday 12 December the Nunthorpe, Kings Academy, Ormesby, Ryehills, Bydales, and Freeborough schools participated in Heat 2. There are 3 heats in total covering 20 schools and the top 8 schools go forward to the finals at Teesside University on 25 January 2012. Unfortunately our school was 9th so just missed out on the finals but our students are looking forward to participating again next year and doing even better.

In March, our students will be participating in the Salters' Festivals of Chemistry 2012 at the University of Durham (Stockton Campus). The students will be competing against schools from across the region as they perform practical experiments which will enhance and extend their chemistry knowledge and practical skills.

English Gifted and Talented Master Class

Nine Year 9 students recently took part in a Theatre Workshop based on Romeo and Juliet.

The event lasted all day and took place at the City Learning Centre in Eston, delivered by the Konflux Theatre Company.

Our students were joined by students from Bydales and St Peters College: none of the students had any idea of what they would be doing!!

Students were able to learn about Shakespeare in a relaxed environment and in a different style; the theme was FUNNY!

Each part of the play was auditioned for, and Nunthorpe provided both Romeo (Riley Smith) and Juliet (Jasmin Caster).

The whole play was rehearsed, performed and filmed – a fantastic experience for everyone involved!

The whole day helped students not only explore Shakespeare, but also to develop other skills including communication, time-keeping, working out of their comfort zone, acting, making judgements and being critical.

Here are some of the student evaluations:

“I had a great time today, learning about Romeo and Juliet and making new friends. It was very educational because we learnt the whole story, character development and gained confidence in front of strangers. I think we did great in the performance and I would definitely do it again: 9/10!”

“I think the workshop was really fun and useful towards my learning of Shakespeare. We studied the play Romeo and Juliet and incorporated some modern day language. It was also useful because we learnt some Shakespearean language as well as English skills. It also boosted our performance skills and built my confidence with performing in front of strangers: 10/10!”



“Fun, enjoyable, engaging, and educational – the day out in Eston was all of these things. We were able to build our confidence as we interacted with students from other schools within something that relies on teamwork as much as a drama piece. I think my performance was fairly poor at the start just because I was shy and didn’t volunteer for a role, but as soon as it got started, I think my confidence soared massively. I was engaged and was able to interact with students from the other schools with ease. In conclusion to my performance and how the

session affected me, I would give it 9/10!”