

The Specialist @ Nunthorpe

Issue No. 11 November 2010

Editorial:

As the clocks go back and the days get shorter and colder one of the upcoming autumn highlights must be the Enterprise Fair on 13th November. We want to encourage everyone to come along to see (and buy!) all the wonderful goodies that will be on offer at the various stalls.....you never know, you might find that "special" Christmas present!

There are a series of G&T Master classes being held by various faculties, further details are in the magazine.

I would like to thank all who have contributed to this edition of the Specialist @ Nunthorpe.

Coca Cola Challenge

All Year 10 students who chose GCSE and BTEC Business Studies as an option started the year by competing against each other in the Coca Cola Challenge. The challenge involved students working in small groups and their task was to design a new drink for the 2012 London Olympics. There was strong competition between the groups and particularly between the two classes. Each group was determined they were going to win! Students researched the products Coca Cola and their competitors currently offer and carried out questionnaires to find out what people would like before deciding on their final drink design.

What happens next? – The winning team's presentation has been sent to Coca Cola for judging. If they score highly they will be invited to represent Nunthorpe School at an all-expenses paid evening at Lumley Castle in Chester-le-Street for the regional finals. If we win the regional finals, the group will be invited to compete in the national finals in London, where they will compete against all other winning teams in the country. Watch this space... we will bring you up to date in the next edition



Peter Rea

On Wednesday 15th September

Peter Rea, 'The Geordie Guy', gave an inspirational talk to over 40

students. The talk was about his

experiences of creating a multi-million pound business. One of the themes was the recognition that it is the individual who is the one that stops you from fulfilling your own potential. Peter explained that his first business, which was initially successful, eventually failed because he did not give it 100% and he found himself with no money and certainly not the lifestyle that he had anticipated. At that point he realised he had to roll his sleeves up and start again which is exactly what he did and is now one of the most successful businessmen in the region. He talked about how important education is and that each student is capable of excelling in whatever they choose to do and can overcome adversity by believing in themselves. At the end of the talk the students spontaneously burst into a round of applause.



Part of the winning team (Pictured left) – It was a tough decision to choose a winner as all groups worked very hard and had some great ideas. One group, however stood out from the rest. Their drink was called Kick Start and was a healthy energy drink aimed at athletes and spectators of the Olympic Games. In the winning team were: Hena Ahitan, Kieran Dolby, Michael Jones, Jack Profit, Scott Sutherland and Hannah Whatmore.

Nunthorpe



AS & A2 Appliance of Science to Sport Trip

‘Science and engineering has dramatically changed the modern sporting world, sometimes causing controversy, but always attracting attention ‘

A number of the TSFE students and their parents were invited by Nunthorpe SPORT Faculty to attend the evening which was held at Freemans Quay, Durham City in association with PROJECT C – *inspiring innovation*. The event was held in partnership with some of the north east’s leading educational establishments and sporting organisations including Durham, Northumbria and Teesside Universities, Durham County Council, Durham Amateur Rowing Club and Performance Advantage (a leading north east Sports Analysis company) to name but a few. The AS and A2 students had the opportunity to experience how science is applied to various sports and sporting professions through practical workshops and presentations. Students were able to take part in various activities including analysing the performance of a basketball lay-up using state of the art technology and software, looking at the biomechanics behind the sport of rowing, sport psychology profiling and analysing body composition. One of the most beneficial aspects of the evening was the opportunity for students and parents to



discuss future educational and career prospects with each of the exhibitionists. Each of the Universities and sporting organisations had a representative who was more than willing to give advice and guidance to the students and parents who had some very interesting questions about how to access courses, gain scholarships and move into various sporting careers. Initial feedback from students and parents was fantastic with parents relishing the opportunity to see what career prospects were available within the world of sport, and students said that they enjoyed seeing the various careers which are available to them as well as being able to interact with the workshop leaders. I would like to thank

all the students and parents who made the trip such a success.

Mr Gray



Global Entrepreneurship Week

15th—19th November 2010

Enterprise Fair Saturday 13th November
10am—2pm Main School Hall

The winner of the competition to design a poster to advertise the Enterprise Fair was won by Kimberley Wilson (picture right) receiving her prize from Mr D Yates.

On Saturday 13th November the school is holding an event to start Global Entrepreneurship week. The fair will have many stalls which will demonstrate how enterprising our students and staff are. Staff and students from the Technology faculty have been working hard and they will have eight stalls selling products from jewellery to lavender & wheat bags along with food from around the world.

Upsall Hall and Gisborough Priory Project will be in attendance and the Enterprise Team Bus will be on-hand to give advice or answer any questions about Enterprise projects. For fun entertainment there will be Face Painting and Rokitball for the family to enjoy. As part of creating stronger links with our primary feeder schools we are being joined by Overfields, Nunthorpe and Galley Hill Primary schools. They have all been involved in an Enterprise project where the students looked at the market and decided how best they could raise funds for their schools. They were given a budget from which they bought resources and the products they have produced will be on sale at the Fair. The English faculty will have an 'Old for New' stall where they will sell donated second hand books to raise money to buy new books.

Various other groups, for example Student voice, Mwanzo and World Challenge student groups, will all have stalls. TADEA will be there to inform and help with energy-saving ideas for use both at home and when travelling. There will also be the opportunity to enter a competition for the chance to win a Sat-Nav.



Enterprise projects to help the wider community:

The World Challenge

A fundraising activity was held during the last week of term by eight 6th form students to help raise funds for the World Challenge expedition to Ecuador in 2012. The selling of hot chocolate, sweets and home made cakes is the first of many different fundraising events in order to raise £3595 for each student taking part in the expedition. Our first attempt has raised over £200 and we would like to thank all who have helped us. Katie Sharkey

The Apprentice 2010

As we stated in the Stop Press of our July magazine, the winner of The Apprentice for 2010 was Luke Finn-Forster. The picture below shows Luke receiving his prize of a mobile phone.



Gardening Club Enterprise

The gardening year is almost over with just a few tidying jobs to do before the winter arrives. Although we had a late start to the growing season, we managed to grow potatoes, tomatoes, courgettes, beans, cabbage, onions carrots and beetroot. The proceeds from the sale of the vegetables will be used to purchase much needed gardening equipment for our club.

Garden Club also brightened up the flower bed near Food Technology with mini sunflowers, busy-lizzies and geraniums, and have recently planted crocus bulbs near the Dance Studios so that in spring the school entrance will be more colourful.

Finally I would like to thank staff, students and Parent Voice for assisting Garden Club and look forward to seeing you in the garden at springtime

Miss E Dean Garden Club Co-ordinator



Look out for:

A selection of G&T Master classes available in the following faculties:

English: 16th December Celebrating Women; A step into the Gothic and Romanticism.

Music: Every Tuesday; Scratch Band

BIE: 15th December; Mock Trial

Science: 11th November; Science behind Health and Beauty, 18th November; DNA extraction

Technology: 4th November; Textile Enterprise,

9th December; Christmas Creative Textiles

Enterprise Fair Saturday 13th November 2010

Nunthorpe
A Specialist Science, Business & Enterprise School

Enterprise in the Community



As Director of Enterprise I was invited by the 7th Middlesbrough Air Scouts (pictured above) to provide an Enterprise Challenge so they could achieve their Entrepreneur badge. Alison Lee the Assistant Scout Leader takes up the story.

The age range of Scouts taking part was between 10½ and 13 and I was very pleased with the way the Scouts approached the challenge.

The criteria set out was easily understood by everyone which made it easier for them to proceed to the next stage: deciding what to make.

The Scouts really enjoyed being given a free hand to design their products and were all proud of their achievements.

The presentation of the products to the 'Dragons' gave the more confident Scouts a chance to show off their selling abilities and the ability to think on their feet when asked direct questions.

The evening was definitely a success and proves that young people can work together as a team to organise, develop and deliver a finished item within a given timescale.

Alison Lee, ASL

STEM news

Students have spent the last couple of months on the topic of Space and after successfully building and launching their own rockets they went on to design and build telescopes and a spectrometer. They have been studying how humans live in Space and researching the forces in the universe and how to spot magnetic storms. Back on earth, work has been going on to make products to sell at the Fair in order to raise funds for their next project, Robotics.

