

# The Specialist @ Nunthorpe

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## EDITORIAL

It's been another busy period for staff and students within Science, Business and Enterprise since Christmas. This week marks the launch of 'Specialism Week' across the school and all students will enjoy 'specialist' activities across their entire curriculum. Read on to find out about the exploits of many of our enterprising staff and students.

## BREAKING NEWS

We have been nominated to receive an award in the category of 'Most Enterprising School' at the Redcar & Cleveland Enterprise Awards later this month.

We will let you know how we get on in Issue 4!

## SPECIALIST LOGO COMPETITION

As mentioned in the previous issue, Mrs Jeffery and the BIE team recently ran a competition with all yr 9 students to design a new logo to identify our status as a specialist Science, Business and Enterprise School. There were some terrific entries and the panel had a very interesting job in selecting the best entry, however, Shiralee Wilson's was voted the best design. Here you can see Shiralee accepting her prize from Mr Parrish of the BIE Faculty.



## YEAR 6 MASTER CLASSES

As part of the ongoing Opt4 enrichment programme at Nunthorpe School the Mathematics Faculty have been offering master classes to year 5 and 6 pupils from local primary schools. Each Wednesday we see the arrival of around 5 of the best Mathematicians from each school who enthusiastically participate in various Mathematical activities.

The classes have been a great success and are thoroughly enjoyed by the young students. Higher level topics such as two-way probability, factorials, palindromes and logical puzzles have been covered with phenomenal success.

The master class series is soon to expand meaning that all years 7 to 11 will be offered master classes too.

## CSI NUNTHORPE - YEAR 10 SCIENCE MASTER CLASS

The “Under My Skin” Science Master Class had a theme of Forensic Science and Pathology – but wasn’t at all limited to this.

We began by trying to name all of the Organs in the human body, but our estimations were way off the reality. We then watched a demonstration on the dissections of the kidneys, lungs, heart and liver which was funny and engaging. We finally completed a task where you had to pin the organs on the person in your group that was wearing a suit. This was a brilliant end to the first day.

It was disappointing to find out that the second day would be cut short by the electricians, but it was interesting none the less. We did a study of what a pathologist would do to work out how long it had been since someone had died and also how they died.

Overall the Master Class was engaging and educational and everyone seemed to be involved throughout. Given the opportunity I would definitely go back.

Tom Phillips



## RE-LAUNCHING STUDENT VOICE

The restructured Student Voice needed a new identity. Sarah Bircham was the inspiration behind the logo and motto now used on all Student Voice correspondence when she won the logo and motto competition. As part of her prize, a works experience afternoon was organised at a local Graphic Design and marketing company. Sarah had a very enjoyable afternoon and gained first-hand knowledge of the systems and techniques involved when marketing in the outside world.



## ENTERPRISING STUDENTS TURN THE TABLES ON TEACHERS AT NUNTHORPE SCHOOL

Students from Nunthorpe Specialist Business and Enterprise School have turned the tables on staff by devising a lesson to teach their own teachers all about the values and activities associated with successful business enterprise, supported by the Redcar and Cleveland enterprise team (LEGI).

The original team of twelve students devised the training session following their successful entry into the national Make Your Mark Challenge enterprise competition in November of last year. A team of six then went on to beat a number of shortlisted schools to take the top prize in the North East regional finals, before going on to compete in the national finals in London in December.

Alison Blacklock, Director of Enterprise at Nunthorpe Specialist Business and Enterprise School said, "When the students were devising their entry to the Make Your Mark challenge they worked with various enterprise specialists to develop a business idea that would not only be a viable commercial enterprise, but showed the creativity and innovation of real entrepreneurs. The process proved so valuable to the team they wanted to give teachers the opportunity to benefit from their experiences and ideas about how enterprise should be taught in schools with their very own lesson during a staff training day.

"The lesson went down very well with teaching staff who will be taking what they have learned from the students and put it into practice in their own classrooms."



## CHALLENGING MATHS

On Thursday, February 5<sup>th</sup> 110 of our most able Mathematicians participated in the UK Maths Trust Intermediate Challenge organised by Leeds University. The challenge is a National competition which attracts around 5,000 students annually. The event is always popular with our students and this year was no exception.

The competition requires students to sit a one-hour individual exam comprising of problems relying heavily on both Mathematical and logical problem solving skills. The test is negatively marked meaning guesswork is penalised and as such only the very best will achieve bronze, silver or gold levels!

Nunthorpe would like to thank all participating students for their efforts in what was an enjoyable challenge and wishes all students good luck for the soon to be received results. Watch this space!



### Look out for..... Specialism Week 02/03/09

Loads of exciting Science, Business and Enterprise activities to enjoy in all subject areas!

w/c 02/03/09 - Web design master class for G&T ICT students

17/3 – Year 9 Science Master Class – Chemical Reactions

24/3 – Year 7 Science Master Class – Gloop & Bouncy Custard Balls!!!

Tuesdays – KS3 Science Homework Club

Thursdays – Year 11 Science Coursework catch-up

and

National Science Week 6-13<sup>th</sup> March