



BEAUFORT BYTES

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Henry Beaufort School

Autumn Term 2010

www.beaufort.hants.sch.uk

HB Smashes Records for School Results!

Following our “*Outstanding*” Ofsted in March the school celebrated the end of a fantastic year by smashing all previous records for GCSE results.

The exam results in the summer were very pleasing, especially with 84% A*-C of students gaining at least 5 qualifications at C grade or higher. This is the first time the school has reached beyond 80% and is to the enormous credit of the students and staff who worked so hard.

Our next OPEN DAYS

Tuesday 5th October 9.00am - 10.15am

Thursday 7th October 1pm - 2.30pm

Year 10 Sport's Leader Afternoon

On 29th June in glorious sunshine, Year 4 and 5 students from Harestock Primary got to get up close and personal with the ‘fake grass’ they’d heard rumours about. Otherwise known as a 3rd generation synthetic football pitch, the location provided the setting for the 50 Year 10 students currently undertaking the Sport's Leader course at Henry Beaufort to lead some local students in a variety of fun-packed activities.

Harestock students enjoyed a mixture of team and individual pursuits, incorporating a range of different sports and activities. The Beaufort Leaders were also under the watchful eye of a moderator from Sport's Leaders UK who showered praise upon them:

“The candidates showed great confidence, were knowledgeable, well-prepared and demonstrated good leadership skills.”

Year 5/6 Football Festival

A huge thank you must go to the primary school's involved for their contribution to what was a small yet successful event on 1st July. The schools provided two teams for what turned out to be an exciting and entertaining football festival, played in an exceptional sporting manner. All teams played three games in the initial group stage before progressing onto a ‘play-off’ game used for determining places.

Year 9 students celebrate success in French

This year all students in Year 9 sat ASSET Languages exams in French for the first time at Henry Beaufort. ASSET Languages are a nationally recognised qualification that students can use in the future to put on CVs and Application Forms.



Year 9 sat exams in the skills of Listening, Reading and Writing in March. The exams tied in well with the topics already covered in Year 9 and after some exam practise in lesson time, students sat the tests in the hall. The results were fantastic and all students in Year 9 should be congratulated on their excellent work, effort and attitude towards the exams. Students really showed why Henry Beaufort is outstanding. They worked hard and showed a great deal of maturity in their approach to the exams. The ASSET Languages Exam Board, OCR, were so impressed with the results that they are sending Henry Beaufort's success story to the local press and a camera team visited Henry Beaufort to do a video case study on how students achieved some of the best results nationally this year.

Year 8 Enigma Day



On Monday 28th June, Year 8 was given the opportunity to take part in an Enigma Project. Students were given a talk all about ciphers and codes. Mr James Grime from Cambridge, a mathematician, talked to us about his job and how maths wasn't just about adding and subtracting. His job was mainly to look differently at a problem and solve things that others can't. He explained to us that maths is also about creativity and that we would have to use it to break some codes later.

Mr Grime spoke about the history of codes. He showed the students a slideshow about how Julius Caesar invented the first code and named it 'the Caesar shift'. This is when you take the letters of the alphabet and shift each over three spaces. For example A would become D, B would become E and so on. He then talked about the various flaws in this code and how the codes that were created after were far cleverer.

The students were then shown a real enigma machine that was used in World War II. It was created to produce an un-decipherable code by 'randomly' selecting a replacement letter for each letter of the message. The only way to crack the code was with a paired machine, set in the same way. The Germans invented it for use in the war and used it successfully for over half of the war. When the English discovered its use they set up a building to finding a way to crack the codes. The people working here discovered the single flaw in the enigma machine; this was that it never replaced a letter with the same letter. This was just enough to decipher the codes produced.

After the talk the students took part in workshops throughout the day to try and crack some codes using equipment such as enigma simulators and code key charts.

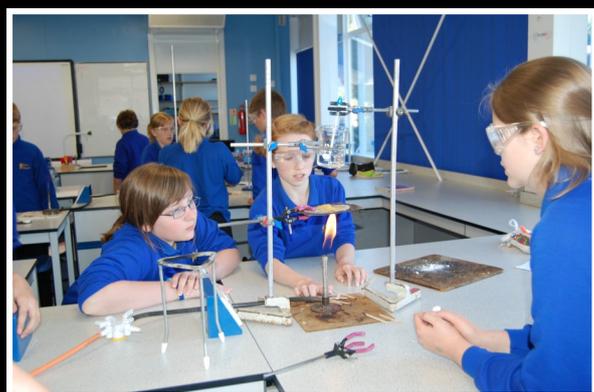


I'm a Scientist - Get me out of here!



From 14-25th June, a selection of students from Year 8-10 took part in the online project 'I'm a Scientist, Get me out of here!' I'm a Scientist is a great, free event for getting teenagers interacting with real scientists and learning how science works.

The project develops discussion and critical thinking skills and covers key concepts in How Science Works to really get students engaged with science. I'm a Scientist is like school science lessons meets the X Factor! Young people choose which scientist gets a prize of £500 to communicate their work. For two weeks students read about the scientists' work, asked them questions and engaged in live text chats with them. The students voted for the scientist they wanted to get the money. The scientists with the fewest votes were evicted until there was only one left who was crowned the winner.



Year 7 students burning fuels to find out how much heat energy is released from them.

'I'm a Scientist' was recently described as 'the world's most stunningly innovative teen science education program' and this was the biggest event they've ever run. In June there were 100 Scientists with 400 classes and 8,000 students across the country. So our students and the scientists were involved in making history! The scientists were so impressed with the level of our students questions that they said we were one of the best schools they had had a live chat with and some of the questions were ones they were asking in their research! Well done to all those students who took part!