

Heckler



Week 26 Published 15 March 2019

HECKMONDWIKE
GRAMMAR SCHOOL

HGS chosen for prestigious rugby shirt unveiling

Year 11 student Nathan Boote had the honour of representing HGS at a unique event on Saturday 9 March. We were one of only 58 schools in the country to be invited to the prestigious RFU all schools rugby shirt design and unveiling event, which took place at the home of England rugby union, Twickenham. As part of the event, the school received a bespoke rugby kit which was designed in October by Year 11 students Katherine Walker, Nathan Boote, Edward Brown and Sam Eastwood. The students design reflected the traditions of the school including the colour scheme and badge, and impressed the judges so much that England kit makers Canterbury agreed to make a full team kit. As part of the presentation of the new kit, Nathan received tickets for the Six Nations clash between England v Italy and was the official flag bearer on the pitch during the National anthems. He also had the opportunity to meet some of the England stars for a Q&A session.

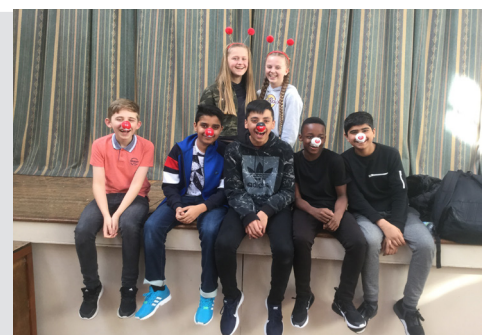


Next Step York Conference



On Wednesday 13 March, Year 12 students Olivia Hullah, Farah Aftab and Nimrah Khan visited the University of York to participate in the Next Step York Conference. The girls were excited to explore the University's beautiful campus, sample a taster lecture and meet current undergraduates and other ambitious sixth formers from across the country. The programme will continue over the next few months, with ongoing e-mentoring, a summer residential and an academic assignment, all of which may culminate in the girls receiving a reduced offer and following many previous HGS sixth formers to degree courses at the University of York.

Thank you to everyone who donated to Comic Relief Red Nose Day today; we raised a grand total of £779.17



Department Focus: Biology

Year 12 and 13 students are currently working hard to gain their CPAC certificates in Biology. The CPAC is an additional certificate, which demonstrates that students are able to plan, carry out and write about biological experiments carried out in lessons. Many universities prefer students to have this additional certificate in order to do science-based courses at degree level. Many of the experiments done at A-Level build on GCSE and KS3 knowledge and will be familiar to all our students. The experiments include: finding out the rate of respiration in maggots and woodlice, finding out what factors affect the rate of photosynthesis, microbiology (growing bacteria), osmosis in potatoes, chlorophyll chromatography, ecological sampling and dissections. In one class, a Year 12 student dissected a heart to find a very rare case of Ventricular Septal Defect – commonly known as a hole in the heart. Other experiments are completely new at A-Level such as finding out how plant seeds germinate, separating bacterial colonies, finding out how permeable beetroot cell membranes are and seeing locust dissections. So if you like to do experiments, Biology is the place to be!



Science Club - Grammar Bugs

This week our science club students were investigating how genetics are responsible for similarities and variation among members of the same species. Grammar bugs are imaginary organisms made out of marshmallows and other inexpensive materials. Both Mum and Dad have 8 pairs of chromosomes and had identical characteristics, except being male and female.

Our Science Clubbers had to randomly select 8 pairs of chromosomes from both Mum and Dad to determine what characteristics their Baby Bugs would have. The Baby Grammar Bugs produced by our Science Clubbers were displayed in the nursery to see how they differed to their Mum and Dad and siblings. We had one Baby Bug that was identical

to mum but the remaining 10 Baby Bugs all had different characteristics to each other, we had no twins!!



Student of the Week

Muhammad Vali 7JJR for winning GOLD at the recent Harrogate Taekwondo Competition.

Patrick Sam 8MRL for super, incredible computer science work!

Partha Khanna 9AHH and Ghananshu Zalke 9LAS for being incredibly brave and helping a friend in his hour of need.

Cora Smith, Amelia Kellett, Penelope Gordon, Eleanor Harvey 10 HJP, Tom Firth 10GSS, Jamie Wightman, Will Chidsey, Seher Ejaz and Hamzah Nawaz 10SLE for selling Red Noses.

Aishah Vali 11DJH for resilience and determination in her studies.

Roxy Sellers 12AMM for outstanding efforts as a form representative and having a positive attitude to learning.

Chloe Cousins 13PRM for making a significant improvement to her attendance and working hard in the silent study room.

Dates for the Diary

21 March - Y13 Parents' Evening (2)

27 March - House Drama

04 April - Y10 Parents' Evening

11 April - Y8 Parents' Evening

12 April - Students to finish at 2.15 for the Easter Holiday.

29 April - First Day of Term

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