

# Heckler



HECKMONDWIKE  
GRAMMAR SCHOOL

Week 30 Published 26/05/2023

## Bronze DofE 2023 – Yorkshire Dales

On Friday 19th May 136 Year 10 students headed off to the Yorkshire Dales for their Bronze Expedition. Some of the groups were going to Wensleydale and some of the groups were going to Malhamdale. Although we had a rainy start at school, the weather improved and it remained dry for the rest of the day. Waterproofs were packed away and they started walking. Spirits were high and they were excited to be out in the countryside and embraced a new experience.

Overall, they had a successful first day and although some groups found the walking and navigating quite challenging at points, they all arrived at the campsite in good spirits. They pitched their tents and cooked a meal and sat chatting before bedtime.

The sun came out on Saturday morning and with tired legs from the first day, this meant that the pace was a little slower today. However, they all did well and hopefully enjoyed the scenery of the Yorkshire Dales. They certainly enjoyed the ice cream that they were able to enjoy when they got to the finish.

Now they are finished they need to make sure that they get all the other areas of the Award signed off by an Assessor so they can complete their Award.

Well Done an enjoyable expedition







**SPEAKERS**  
for schools

# Sign up

or miss out

SPEAKERS for schools is a UK-wide youth charity who are on a mission to help students to find their feet and get the best possible start in life.

Their work experience opportunities page is the perfect place to start your journey. Further information can be found by clicking [here](#).

 <p>Wait, Tech isn't JUST coding? Myth-busting the tech world.</p> <p><b>VIRTUAL WORK EXPERIENCE</b> 15th June 9.30am – 11am Deadline: 01/06/23</p> <p><a href="#">Apply now</a></p>	 <p>Think like a hacker - cyber security work experience! (1 x Day : 10am-3pm)</p> <p><b>VIRTUAL WORK EXPERIENCE</b> 2nd June 10am – 3pm Deadline: 19/05/23</p> <p><a href="#">Apply now</a></p>	 <p>Sustainability careers at IBM.</p> <p><b>VIRTUAL WORK EXPERIENCE</b> 26th June 1pm – 3pm Deadline: 09/06/23</p> <p><a href="#">Apply now</a></p>	 <p>Cyber Security, counter eavesdropping, logistics and more - Supporting British Embassies worldwide</p> <p><b>VIRTUAL WORK EXPERIENCE</b> 11th July (3 days) 10am – 3pm Deadline: 27/06/23</p> <p><a href="#">Apply now</a></p>	 <p>Working for the UK Government - what is it really like to be Civil Servant?</p> <p><b>VIRTUAL WORK EXPERIENCE</b> 11th July 1pm – 2.30pm Deadline: 04/07/23</p> <p><a href="#">Apply now</a></p>	 <p>Criminology, Psychology, Forensics, Analytics and Problem Solving.</p> <p><b>VIRTUAL WORK EXPERIENCE</b> 6th July 1pm – 3pm Deadline: 28/06/23</p> <p><a href="#">Apply now</a></p>
 <p>Passionate about Technology? Tech careers at Tesco</p> <p><b>VIRTUAL WORK EXPERIENCE</b> 3rd July 10am – 4pm Deadline: 16/06/23</p> <p><a href="#">Apply now</a></p>	 <p>Digital Explorers - Explore Technology in Unexpected Ways</p> <p><b>VIRTUAL WORK EXPERIENCE</b> 11th July (4 days) 10am – 3.30pm Deadline: 01/06/23</p> <p><a href="#">Apply now</a></p>	 <p>Dive into Intermediate Data, AI and beyond - Must have completed the beginners workshop with Kainos!</p> <p><b>VIRTUAL WORK EXPERIENCE</b> 23rd June 10am-3pm Deadline: 09/06/23</p> <p><a href="#">Apply now</a></p>	 <p>An Insight into Careers in Law</p> <p><b>VIRTUAL WORK EXPERIENCE</b> 13th July 10am-120pm Deadline: 06/07/23</p> <p><a href="#">Apply now</a></p>	 <p>*DW (Booked by Educators) Communicating weather &amp; climate! Explore the range of communication careers at the Met Office</p> <p><b>VIRTUAL DW</b> 27th June 2pm – 3pm Deadline: 13/06/23</p> <p><a href="#">Apply now</a></p>	 <p>*DW (Booked by Educators) Jobs in policy without being a politician. Living, Learning &amp; Levelling Up.</p> <p><b>VIRTUAL DW</b> 4th July 10am – 11am Deadline: 29/06/23</p> <p><a href="#">Apply now</a></p>
 <p>'A day in the life of an engineer in aviation.'</p> <p><b>VIRTUAL WORK EXPERIENCE</b> 23rd June 11am – 12pm Deadline: 19/06/23</p> <p><a href="#">Apply now</a></p>	 <p>Careers in business, marketing, finance and human resources.</p> <p><b>VIRTUAL WORK EXPERIENCE</b> 4th July 10am – 11.30am Deadline: 29/06/23</p> <p><a href="#">Apply now</a></p>	 <p>Building the future: the art and science of Civil Engineering</p> <p><b>VIRTUAL WORK EXPERIENCE</b> 10th July 10 – 12am Deadline: 03/07/23</p> <p><a href="#">Apply now</a></p>	 <p>Technical Theatre Virtual Insight - Learn About Backstage Jobs</p> <p><b>VIRTUAL WORK EXPERIENCE</b> 4th July 1pm – 3.30pm Deadline: 13/06/23</p> <p><a href="#">Apply now</a></p>	 <p>Technology and the world of interactive wizardry</p> <p><b>VIRTUAL WORK EXPERIENCE</b> 4th July 9.30am – 11.30am Deadline: 16/06/23</p> <p><a href="#">Apply now</a></p>	 <p>'A day in the life on an influencer!'</p> <p><b>VIRTUAL WORK EXPERIENCE</b> 30th June 10 – 11am Deadline: 09/06/23</p> <p><a href="#">Apply now</a></p>
 <p>A career in property has never been so appealing!</p> <p><b>VIRTUAL WORK EXPERIENCE</b> 12th July 4pm-6pm Deadline: 01/07/23</p> <p><a href="#">Apply now</a></p>	 <p>International Women in Engineering Day 'What advice would I tell my younger self?'</p> <p><b>VIRTUAL WORK EXPERIENCE</b> 23rd June 1pm – 3pm Deadline: 16/06/23</p> <p><a href="#">Apply now</a></p>	 <p>Deep dive into Electrical/Electronic engineering and their applications</p> <p><b>VIRTUAL WORK EXPERIENCE</b> 6th July 10am – 2.30pm Deadline: 30/06/23</p> <p><a href="#">Apply now</a></p>	 <p>Ever thought you might like to work in television?</p> <p><b>VIRTUAL WORK EXPERIENCE</b> 28th June 10am-3pm Deadline: 28/05/23</p> <p><a href="#">Apply now</a></p>	 <p>Get plugged in to the Music Industry</p> <p><b>VIRTUAL WORK EXPERIENCE</b> 5th July 10am – 2.30pm Deadline: 30/06/23</p> <p><a href="#">Apply now</a></p>	 <p>*DW (Booked by Educators) Learn how to start a podcast on your smartphone or tablet – MIC media</p> <p><b>VIRTUAL DW</b> 8th June 10am-11am Deadline: 31/05/23</p> <p><a href="#">Apply now</a></p>

<h2>UNCOVER</h2> <p><b>FULLY FUNDED</b> Virtual Work Experience</p> <p>International Women in Engineering Day 'What advice would I tell my younger self?'</p> <p>Discover what it's like to work at Tetra Tech   Hear how a global engineering consultancy firm works.   Hear from a panel of some of our senior female leaders.</p> <p><b>SIGN UP...</b> Online Placement 23rd June at 1pm-3pm Apply by 16th June. Ages 14-19</p> <p><b>Tc TETRA TECH</b></p>	<h2>UNCOVER</h2> <p><b>FULLY FUNDED</b> Virtual Work Experience</p> <p>Deep dive into Electrical/Electronic engineering and their applications</p> <p>Here's what other students said about these sessions...</p> <p>"Helped me solidify the key skills necessary and understand how interconnected the fields of engineering are!"   "Helpful, enjoyable and informative."   "Was highly informative and interactive, felt it was very beneficial to developing teamwork..."</p> <p><b>SIGN UP...</b> Online Placement 6th July 10am - 2.30pm Apply by 30th June. Ages 14-19</p> <p><b>University of HUDDERSFIELD</b> Inspiring global professionals</p>	<h2>UNCOVER</h2> <p><b>FULLY FUNDED</b> Virtual Work Experience</p> <p>Get plugged in to the Music Industry...</p> <p>Here's what other students said about these sessions...</p> <p>"Great insight and knowledge from the head lecturer and well run!"   "The placement has helped me with ideas of becoming a producer or musician!"   "It has helped me a lot by thinking what jobs I could do with the options that I chose for my GCSEs"</p> <p><b>SIGN UP...</b> Online Placement 5th July 10am - 2.30pm Apply by 30th June. Ages 14-19</p> <p><b>University of HUDDERSFIELD</b> Inspiring global professionals</p>
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# Subject Focus - Maths

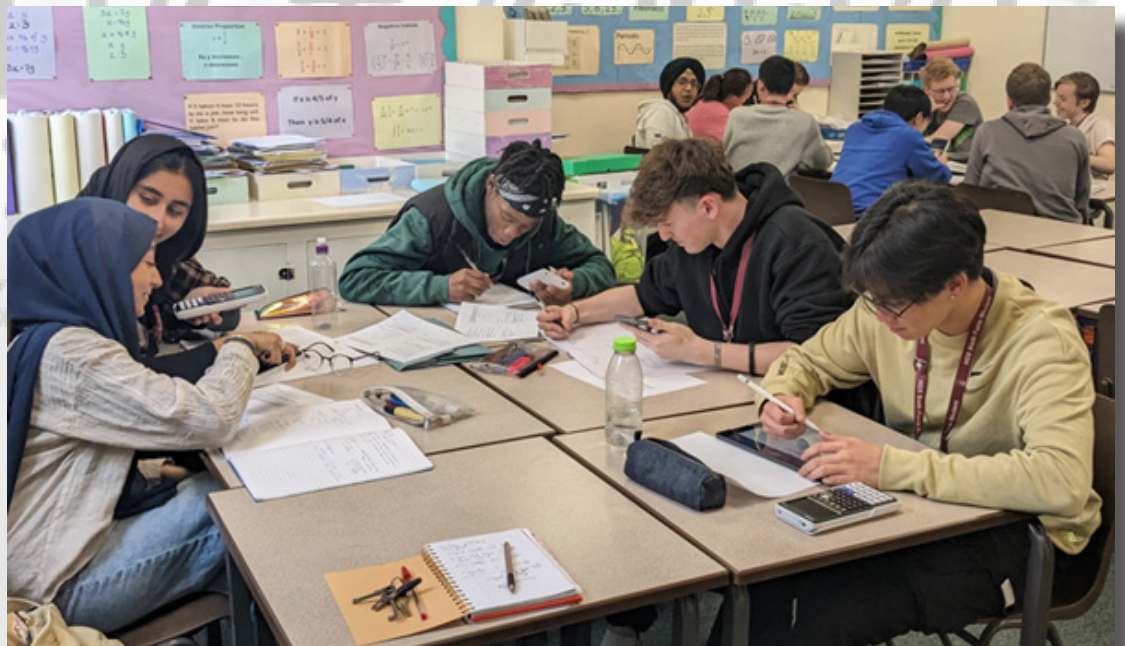
At present, we are in the middle of external examinations. We have 16 external mathematics examinations taking place this summer which accumulates to 28 hours or 1680 minutes of actual examination time.

So far, we have had 6 examinations which includes 33 year 12 students who sat the two papers of AS Further Mathematics and the 14 year 12 students who sat the two Level 3 papers in Mathematical Studies (otherwise known as Core Maths).

## So, why choose Further Maths in the sixth form?

There are lots of reasons why it is a popular option. Many students choose it as either a requirement for their degree (particular if you want to study Computing, Engineering, Economics, Physics or Mathematics at a top University) or it being advantageous to have studied it. Most students do it because they just enjoy mathematics and the fast pace in learning Further Maths is both challenging and fun. You also study mathematics in greater depth and discover what a vast subject it is. For example, you discover an appreciation of graphs way beyond GCSE such as the graph of a cardioid:  $r = 2(1 + \cos\theta)$ .

AT HGS, we also offer students the opportunity to just study Further Maths AS in year 12 and then drop down to single maths in year 13. This is particularly popular amongst students wanting to pursue the medical/dentistry/veterinary route and want to spend their year 13 focusing on interview preparation and their other subjects.



## Preparing students for Mathematics Admissions test

Many of our students apply to top Universities and part of their application process involves students sitting a Mathematics Admission test. Several students are planning to do TMUA or MAT in October and some may opt to take the Cambridge Admissions Test (STEP) in June at the end of year 13. We are very fortunate to have the skills of Mr Brooke-Mawson and Mr Robinson who have been helping students prepare for these, particularly in enrichment time on Wednesday afternoons.



# Subject Focus - Maths continued



## So why choose Core Maths in the sixth form?

Core Maths has become increasingly popular over the last few years with 13 000 entries nationally expected this year. Studying Core Maths helps students develop their quantitative and problem-solving skills. It has been specifically designed with employers, universities and professional bodies to increase the employability of school leavers and apprentices.

Our year 12 students have all enjoyed this course and felt it has been useful in their study of other subjects, especially Psychology, Business and Biology. They feel the maths they learn is useful for real life and the maths problems they solve are "satisfying".

Many Universities are also now giving reduced offers for students with Core Maths for certain courses.



## Junior Mathematics Challenge

At the end of April, all of our year 8 students took part in the UKMT Junior Mathematical Challenge. The challenge encourages mathematical reasoning, precision of thought, and fluency in using basic mathematical techniques to solve interesting problems. We had fantastic success with 55 students achieving a Bronze certificate, 63 students achieving a Silver certificate and 42 students achieving a Gold certificate.

Special congratulations to Kaysan Abdullah (with a score of 123 out of maximum of 135) who has qualified for the prestigious Junior Olympiad taking place in June.

We also have 25 qualifiers for the follow-on round of the Junior Kangaroo:

Well done to Ricky Lin, Veydant Gogna, Neil Dhiman, Xinyi Chen, Mia Pickard, Ewen Loasier, Alex Broadhead, Chime Mba, Zakariya Rehman, Haniya Nadeem, Shayaan Khan, Nathan Fisseha, Sam Thompson, Meghna Menon, Adam Baporia, Abiudh Anandan, Poppy Nuttman, Bhoomi Marathe, Saatchi Shah, Siddhant Mukherjee, Sid Mehra, Ibrahim Khan, Mazin Mohammed, Eeshan Upasani and Swarit Sahu.





**COMING SOON**

*The*  
**Oddam**  
**Family**

A NEW MUSICAL  
COMEDY

**10 11 12 JULY 2023 — 7PM START**  
**Tickets on Sale Early June (numbered seating)**





HECKMONDWIKE  
GRAMMAR SCHOOL

# CELEBRATING 125 YEARS of Heckmondwike Grammar School

- Exhibition and guided tours of the school
- Complimentary afternoon tea in the original dining room
- Musical performance

## Everyone Welcome

*a chance to meet with former students, staff and friends*



Scan the QR code or contact the school to register your interest in attending. Follow us on social media for more information

Tel: 01924 402202



Email: [admin@heckgrammar.co.uk](mailto:admin@heckgrammar.co.uk)

## OPEN DAY

### SATURDAY 1 JULY - 10AM - 4PM

# Exam Stress Drop-In & Information Sessions

Every Tuesday From 16th May

5:15pm - 6:30pm

Opportunity to

- Relax, have a drink & a snack
- Learn strategies to manage stress
- Learn practical tips for doing your best in exams & course work
- Get careers advice
- Tell us how we can help you

Enquiries, Alice: 01924 492183  
Northorpe Hall,  
Packhorse Centre  
Huddersfield, HD1 2RT



**WORKS BETTER.** 15 25 **POSITIVE MINDS**



**European Union**  
European  
Social Fund

## Diary Dates

**Monday 29 May - Friday 2 June**  
Spring Break - School Closed

**Monday 5 June**  
School reopens 08.40

**Monday 5 - Friday 9 June**  
Yr 10 Work experience week

**Monday 5 - Thursday 8 June**  
Yr 9 & Yr 12 Students - Granada

**Friday 8 - Monday 12 June**  
Yr 9 & Yr 12 Students - Paris

**Tuesday 13 June**  
Worcester College, Oxford Trip

**Thursday 15 June**  
Yr 9 Remote Parents Evening - Info to be shared next week

## EXAMS

Year 11 & Year 13 GCSE/A' Level exams :

The contingency dates for this summer exams are

**Thursday 8th & 15th June p.m**

**Wednesday 28th June - All day**

These contingency days are used should there be exceptional circumstances (in the event of national or significant local disruption to examinations) that may require exam boards to reschedule an examination. Students would only be required to attend on those days should an examination be rescheduled