



Bourne Grammar School Weekly Bulletin



6-9 May 2025

Reflection on the Week

Alastair Anderson, Headteacher

Congratulations to all our Bronze Duke of Edinburgh students who performed so admirably last weekend during their training weekend. Mrs Brett and the staff team were extremely impressed at the attitude of everyone involved, and it was yet another example of an activity that showcased the best of the young people we are fortunate to have here within our community. Congratulations also to those Science Club members who impressed the staff at Woolsthorpe Manor so much that they were offered – as a group of mainly Year 8 students – the activities normally given to Year 11s from other schools. And I am delighted that Sixth Form students from the Biology department enjoyed a trip to see the film premier of *The Ocean*, released on the 99th birthday of Sir David Attenborough, and that they were present at such a special occasion. One to remember.

And after months of preparation, and plenty of hard work, Year 11 and Year 13 officially went on public examination leave this week. The final teaching days for both groups were exciting and emotional in equal measure, and now all that remains is for every student to deliver on their individual targets and maintain their dreams for the future by ensuring examination success. “All that remains” is, of course, a huge understatement: there is much to do and much that can still be done over the next six weeks and we wish them all the very best as they strive for the highest grades possible.

House Totals

4283	4965	3421	4245

***These totals show all House Points earned minus Behaviour Points.
It includes points from all students in each house for Term 5 up to 8 May.***

Physics at BGS

Mr Sutherland, Teacher of Physics and Deputy Head of Year 11

It has been a busy year in the Physics department as we have worked closely with the British Physics Olympiad to offer unique challenges to our extremely talented student body. Organising and providing support for these challenges is always such a pleasure and is one of the many positive aspects of being a Physics teacher in such a fantastic school. We were able to offer a range of opportunities designed to stretch our most able students well beyond the requirements of the GCSE and A Level curriculum. Our students were willing to rise to the occasion, and many were able to perform to such a high standard that they can count themselves as some of the most able physicists of their age in the country.

Year 10 & Year 12 Experimental Project

We had two all-female teams giving up lunchtimes and some after school sessions to take part in the BPhO Experimental project. The project involved following an experimental brief and writing a 10-page report with methods, results and analysis. Well done to the Year 10 students who earned a Silver Award, and the Year 12 students who earned themselves a Bronze.

Year 12 Participants: Jessica Burton, Summer Cain, Olivia Dunicz, Aditi Kumar, Mayra Narang, Emily Nurse, Chiara Pacitti, Pauline Samusz, Ria Thampy

Year 10 Participants: Adeena Sajid, Danesha Kumari, Ellen Richardson, Katie Pawluk, Tiyarna Dixon, Zahra Ravji

The Gravitational Slingshot Experiment – Report by Zahra Ravji

We conducted this experiment to evaluate the impact on the height that a tennis ball reached when dropped from varying heights on a football with a larger diameter. This was all a microcosm of the theory needed for a much larger practical application in that larger planets can be used to ‘slingshot’ spacecraft across larger distances using less energy time. Our initial hypothesis for this experiment: a higher drop height of a football will result in a larger height reached by the tennis ball. Overall, the data we collected supports the hypothesis that a higher drop height leads to a higher kick height, due to the increase in both the balls’ velocities.



In the end, after the excitement of carrying out the experiment, and the anxious wait for the results, we achieved a Silver Award! We all had lots of fun, and it was truly a pleasure to take part in.

Year 11 Intermediate Physics Challenge

We had 60 students in Year 11 volunteer to take part in this challenge which is designed to really push the most able physics students across the country. This was the highest number of entrants in the four years I have organised this challenge and is a great indication of the growing popularity of the subject. This year I was able to offer some support sessions after school hours to those students who wanted to go above and beyond in their preparation. It was very pleasing to see a lab almost full of students every week.

I do sincerely hope that many of these students enjoyed the challenge and decide to continue their study of physics beyond GCSE.

Congratulations to our **Gold Award winners:** Arjun Raghavan, Charles Kavati and James Risebrow. These students ranked in the top 8% of all entrants to this competition nationally. An impressive achievement!

All the Year 11 students who took part should be very proud of themselves. This was the cohort with the highest average score we have seen, and the highest number of gold awards too!

Silver Award winners: Lucas Eling, Oli Dowson, Luigi Bonvini, Sebastien Louzolo

Bronze Award winners: Jack Cotuk, Matthew He, Deon Mathew, Marco Perna, Taha Dad Azam, Aurora Mitchell, Ollie Budden, Chloe Cox, Freddie Jibb, Amani Lawal, Aryan Nahata, Calem Healy, Noah Humphries, Thomas Graham, Tanish Patel, Tanish Prasanth, Oliver Squibb, Evan Bates, Freya Dahlgaard-Sigsworth, Fin Gray, Oscar Huang, Karthik Kalaraj, Tom McLay, Samuel Petz, Toby Staines, Musab Asad, Mohammed Ayub, Koki Leshtarov, Ben Staff, Daniel Wargacki, Oscar Bell, Chloe Burgin, Bhargav Elakoochy, Henry Hill, Gabe Jagger, Aleksi Silkstone, Filip Wiza, Donald McGeorge, Hayden Pugh, Samyutha Puppala, Hamsini Raja, Emily Seaton, Petra Szoboszlai-Kendrick, Henry Tate, Emily Cox, Jenson Moss, Alice Chauvaux, Ned Dangerfield, Milhaan Maqsood, Milan Sisodia, Andreea Rila

Year 12 Senior Physics Challenge

All Year 12 Physicists sat a one-hour challenge paper which pushed their problem-solving skills to the limit. The questions on this challenge paper are above and beyond the challenges already posed by a difficult A Level course. All students receiving any award should be very proud of themselves.

Gold Award winners: Alex Stevenson, Ben Bennett

Silver Award winners: James Scott, Ben Stevenson, Theo Saralis, Thomas Wright-Lakin, Kris Rushworth

Bronze Award winners: Freddy Brewin, Jessica Burton, Stephen Richardson, Simba Mugova, Pauline Samusz, Erin French, Mayra Narang, Sam Tatton, Matilda Peacock, Taylor Brown, Luke Norris, Oliver Cole, Hayden Thrift, Chiara Pacitti, Muneeb Mian, Emily Nurse, Alex Dougall, Pranav Ramesh, Georbin Biloy, Abbie Dudley, Joshua Oladejo, Rishon Chakamanga, Johnny Cottage, Summer Cain, Olivia Dunicz, Ayaz Thathia, Charlie Treacy, Adrian Ernest, Paul Young.

Year 13 Physics Olympiad and BAAO

Our most able Physics students in Year 13 were invited to take part in the British Physics Olympiad Round 1. This paper is to challenge a range of student knowledge, preparation, and ability, allowing access for good students, whilst also aiming at stretching and challenging the top young physicists in the country in a national competition. The questions are a challenge and not to be seen as anything less. The paper is well beyond any of the demands of the A Level course and bears more similarity to questions that can be posed in the first or second year of a Physics degree. We are very proud of the outstanding performance of our entrants. I am also pleased that some of these students, about to sit their A Level examinations, have also decided to pursue physics or related subjects at university level.

Gold Award winners: Amy Fletcher, Sam Gupta, Caleb Yates, Billy Gallagher

Silver Award winners: Harrie Metcalfe, Shaan Damani

Bronze Award winners: Maddy Partridge, Cameron Adam, Zachary Jones, Madison Mylchreest, Elliot Cross

Commendation: Marcos Sanchiz-Boris

Our Gold and Silver Award winners were invited to take part in a further competition, the British Astronomy and Astrophysics Olympiad. This paper presents even more of a challenge as the vast majority of the content examined is not contained in any A Level specification. Some serious home learning had to take place to stand any chance of success! Well done to these three students.

Silver Award winner: Caleb Yates

Bronze Award winners: Amy Fletcher, Harrie Metcalfe

The Media Studies ALMAS 2026

Mr Williamson, Subject Leader: Media Studies

This past Tuesday, the Year 13 Media Studies 'A Level Media Awards' recognised the outstanding achievements of students across both academic and practical aspects of the subject. A total of nine awards were presented, highlighting excellence in areas such as analytical writing, creativity in production, audio/visual skills, and overall academic progress. The event reflected the hard work, dedication, and talent of the cohort. Nine other students were also selected for The *Media Money Heist* casting, based on personality, conduct and work ethic.

Award winners (from left to right): Adam Wheel (best audio/visual NEA and best original character), Maria Klatkiewicz (Media Studies golden award for participation and contribution), Lucy Cole (A-list achievement), Ava Hepplewhite (production sequel), Mikey Mimms (brand identity), Elspeth Dunk (print production), Ellen Nixon (consistency), Daisy Nickerson (academic writing).



DofE Year 10 – Bronze Training Weekend – Horbling

Mrs Brett, Duke of Edinburgh Manager

The Year 10 Bronze DofE teams spent last weekend doing their practical DofE training to prepare themselves for their Bronze Qualifying Expedition in June. The teams spent time with our volunteers, running through First Aid scenarios, Countryside Code protocols and fine-tuning their navigation and map reading skills.



They camped at Horbling Scout Hut and after pitching tents and cooking dinner on their Trangias, most took part in a huge match of rounders.

Sunday saw them embark upon a 15km walk with a supervisor, navigating from Horbling to Callan's Lane near Kirby Underwood, putting all their newly learned navigation skills into practice. The teams were a pleasure to spend time with and I know they found the weekend useful in understanding what will be expected of them in June. Well done Bronze!



Year 12 Biology Prefect trip to Future Generations' Premiere of Oceans with Sir David Attenborough

Written by Rebekah Arnold & Akshaya Tirchunapalli

Last week, the Year 12 Biology Prefects went on a very exciting trip by train to the Oceans with Sir David Attenborough premiere at the Royal Festival Hall in London. We were amongst the first people to watch the movie, even before the celebrities watched it (apart from Prince William who joined our screening)!

We arrived at the train station at 9:30am and despite being early, we still somehow managed to stress Dr Hanson out with our toilet break 10 minutes before the train was due. Once we reached Kings Cross, we had some free time to get lunch before we walked to the underground, led by a very fast-walking Mr Perez (charging ahead like a racehorse). We then spontaneously decided to get off the tube a stop early and had a mini tour by Mr Perez as we walked over the bridge to South Bank. Then, we were given free time to explore the surrounding areas and catch a view of Big Ben! Doors opened at 2pm and we went down the red carpet, which was actually a blue carpet to coincide with the theme of the film. We all really enjoyed this unique experience, and we took a group photo in front of the banners.



Inside, there was an exhibition of equipment used during filming and exploration and lots of information boards to read. All the people there contributed to the film, for example filming coral reefs, safety divers, scientists etc. We really enjoyed this and found it fascinating to see the vast variety of cameras used during filming. We were especially amazed by the collection of high-tech cameras used during filming, which were truly mind-blowing. One of the highlights was seeing diving helmets from the 1900s, and soon after were told the entire costume weighed a staggering 200 lbs! We also saw an autonomous underwater vehicle (AUV) that had travelled all the way from Iceland to Scotland, which really put into perspective the scale of the expedition.

While waiting for the movie to begin, we were kindly quizzed by Mr Perez on anything biology-related – a big thanks to Mr Perez for always keeping us on our toes! Before the movie started there was a Q&A session with the producers of the film who worked closely with Sir David Attenborough. The movie began and we all sat back with our complimentary popcorn and water. The movie described how the oceans are getting horrifically damaged by over-fishing, dredging and much more. Attenborough described how the ocean floors are being scraped for scallops which destroyed all wildlife in those areas. We were shown clips of coral reefs before and after being dredged and it was devastating to see the vast amount of damage that occurred as little to

nothing survived. However, there is still hope! They made a huge discovery that the ocean environment can grow back better than before, going from nothing to everything and much quicker. This is just a snippet of what they discovered – we don't want to spoil the movie for you!

On the way back we had a very intellectual game of a “hard” level of crossword on Dr Hanson's phone. We did in fact complete 2 games, despite it taking all 15 of us!

Overall, it was eye-opening to see how much damage humans make to aquatic environments, and it inspired us and should inspire future generations to make a change to save our planet. Without a doubt we recommend everyone to watch this movie as there is something valuable for everyone to learn from it. Sir David Attenborough himself said that out of his 99 years on earth, this is by far the greatest breakthrough for saving our planet.

A huge thank you from the Year 12 Biology Prefects to Dr Hanson for making this trip possible, to Mr Perez for joining us on the trip and guiding us all through London and thank you to Sir David Attenborough for being the incredible man you truly are!



Year 12 – Progress Review Meetings (PRM), Thursday 15 May

Mrs Hall, Student Progress Manager

Booking system: The SchoolCloud booking system is still open for bookings.

You will be able to book up to 10 appointments, each of 6 minutes in duration, and bookings will be available on a first-come, first-served basis. The system will ensure that each video appointment will commence and end at the scheduled time so please ensure you have logged into the system in good time to commence your appointment.

The online booking system can be accessed here: <https://bournegrammar.schoolcloud.co.uk/>

A login code is not required; the system has been set up using the details of the Priority 1 parent and your child's preferred forename (as used in School), surname and date of birth as recorded on our database.

Please ensure only one Priority 1 parent makes the bookings to avoid duplicated appointments. All queries about online booking should be directed by e-mail to Mrs B Hall via prm@bournegrammar.lincs.sch.uk. The booking system will close on **Sunday 11 May at 23:55**.

BBL Champion

Mr Hewitt, Deputy Head Academic



It is fitting that a Year 13 student wins the accolade of BBL Champion on what is the last day at Bourne Grammar School for the cohort. Connie Bayliss, who has been selected as this week's winner by her teacher and Subject Leader of English, Mrs Tomlinson, who explains:

'Connie has demonstrated exceptional commitment to her revision, working with tireless determination in preparation for her upcoming exams. Her approach to English Language has been nothing short of exemplary—she engages thoughtfully with complex texts, refines her analytical skills with purpose, and consistently strives to improve both the precision and flair of her writing.

What stands out most is Connie's resilience and self-discipline. Whether tackling challenging unseen texts or honing her skills in transactional writing, she does so with quiet focus and a clear sense of ambition. Her proactive attitude, consistent effort, and genuine enthusiasm for the subject have made a lasting impression.

Connie is a fantastic role model for others in Year 13, and we are incredibly proud of all she has achieved. Keep up the brilliant work, Connie—your efforts in English Language are truly deserving of this recognition.'

Well done to Connie, and best wishes to her and all students in Year 13 as the summer exam season begins for them next week.

Individual Achievement - Milan Laughton



Congratulations to Milan who has been offered a place on the full academy programme with Boston United Academy. Boston United Football Club was impressed with Milan's technical ability, work ethic, and positive attitude throughout the trial. A huge achievement- well done!

Exam Breakfasts



Students in Year 11 and 13, who will soon be sitting public examinations, will all be able to take a **free exam breakfast** from The Chill before their morning exam. There will be a varied choice of healthy options available and I would encourage all students to take advantage of grabbing some last-minute energy, particularly if they haven't already eaten that day.

Water Bottles

We have free water bottle refill stations across the site to help our students stay hydrated during the school day. With the warmer weather and exams now approaching, it is important to drink enough water. Staying hydrated helps with many things, including concentration, mood, and memory.



Friendly reminder to please ensure your child brings a water bottle with their name on into school.

Note- we no longer have plastic cups available from Reception, bottles of water can be purchased from the Chill/Gecko.

Students of the Week

Name	Year	Staff	Subject
Romeo Angel	7	Miss Mizen	Science
Isaac Donaldson	7	Mrs Greenfield	Geography
Krishna Koirala	7	Mr Marsden	Science
William Giblin	7	Mr Somerville	Design Engineering
Fraser Williamson	7	Mrs Pryor	Mathematics
Olivia Woollard	7	Mrs Greenfield	Geography
Toby Scholes	7	Mr Delport	Design Engineering
Edie Austin	8	Miss Patman	Spanish
Jules Kelsey	8	Mrs Charters	Spanish
Olivia King	8	Mr Williamson	Art
Raouf Rais	8	Mrs Allen	English
Sophia Shorrock	8	Miss Patman	Spanish
Riya Trivedi	8	Mrs Shales	Mathematics
Riya Trivedi	8	Mr Hewitt	Geography
Matilda Knowles	8	Ms Bennett	English
Patricija Krulko	8	Ms Bennett	English
Sasha Mackintosh	8	Ms Bennett	English
Patrick Adejuwon	9	Mr Osborne	Computer Science
Melosa Gigi	9	Mr Motley	Computer Science
Adina Hamid	9	Mr Osborne	Computer Science
Isabella Reynolds	9	Mr Motley	Computer Science
Lucy Ward	9	Mr Khumalo	Chemistry
Krishna Karnad	9	Ms Jasinska	Spanish
Joseph Knowles	10	Mrs Bolitho	English
Brooke Olivares-Alvarez	10	Mrs Bolitho	English
Lewis Ulyatt	10	Mr Khumalo	Chemistry
Aryan Makwana	10	Mr Farrow	Mathematics
Alice Chauvaux	11	Mrs Worrall	Spanish
Alice Chauvaux	11	Mr Dougall	Design Engineering
Adrienne Moore	11	Mrs Williamson	English
Tanish Prasanth	11	Miss Patman	Spanish
James Risebrow	11	Mrs Worrall	Spanish

Finlay Smith	11	Mr Williamson-Ward	English
Sophie Gombault	11	Mr Walklin	Mathematics
Isla Blowers	11	Ms Kemp	Registration
Eva Harris	11	Ms Kemp	Registration
Daisy Carruthers	12	Miss McAleese	Psychology
Matida Rondoza	12	Miss McAleese	Psychology
Alex Sadler	13	Mr Williamson	Registration
Alex Sadler	13	Mr Williamson	Media Studies
Alex Sadler	13	Miss Hodge	History
Alex Sadler	13	Mr Mitchell	Chemistry
Alex Sadler	13	Mr Green	History
Alex Sadler	13	Mr Khumalo	Chemistry
Alex Sadler	13	Dr Barmby	History