

The Scholar Ship

"The function of education is to teach one to think intensively and to think critically. Intelligence plus character - that is the goal of true education." - Martin Luther King Jr

The Water Supply Challenge

Alys Cope (Year 8) reports on a visit by Anglian Water to run the Water Supply Challenge, giving pupils the chance to design and test their own water supply network.



On Friday 28th February, the Anglian Water challenge took place. This event consisted of designing a way for water to get from a mini 'water tower' to 6 customers: a hospital, a farm, a old town, a city and a few others. While this may sound easy, but it had some real life obstacles, for example a train track or a river in the way of our destination. We had a budget to keep to and everything cost something so we had to whip out our mathematical skills at the same time. To add to the mathematical side of things, every block of land cost a certain amount of money to dig on which also added towards our budget of £1200. So there was a mathematical side to it but it was not solely based on this; I found a big part of this challenge was to make sure the water spread equally. Many teams dealt with this issue, some better than others. We found out that the best solution to this problem was to have a circle feeding off so if there were a burst pipe they would get water from two directions.

Overall I felt this was a fun event and it taught us all a thing or two about how hard it is to keep the water running to your home. I would recommend this event to most pupils as it was an interesting and challenging event.

Upcoming Events



March 10th, 6:30pm

De Leybourne Debate

Reintroducing the death penalty



March 13th, 2pm

EPQ Fair



March 17th,
5pm

Studd Society
Physics of Sailing

Inter-School EAL Debate Winners

Linda Lui
Ella Huang
Katy Cheng
Grace Huang
Emily Gertsch
Caterina Briigliadori
Julia Frimberger

Headmaster's Distinctions

Jason Sims	Imogen Palmer	
Oliver Raychev	Helena Mate	
Yiqi Huang	Theo Gardiner	Sarah Emery
Jialin Liu	Isabella Bunnag	George Hayes
Leila Gbelia	Sophie Coward-Talbot	Angus Seel
Haotong Cui	Henry Shadrack	Daisy Clabburn
Charlie Gardiner	Alyssa Cooper	Anjola Koyejo
Edward Le Roy	Zion Ateba	Daniella Oladele
Oliver Goodwin-Day	Gabriel Martinez	Ginny Fairburn
Jack Robinson	Cara Peters (x2)	Megan Palmer
Mia-Hope Radley	Zara Graham	Verity Saulter
Poppy Liston	Sophie Doe	

The Inaugural Scholars' Retreat

At the start of the February half term, a group of 23 academic scholars in years 9 and 10 visited Cambridge and spent a couple of days on retreat in rural Bedfordshire. Here's what they had to say about the experience:

Oliver: One thing I got out of the weekend was teamwork. During the last activity (orienteering), where we had to follow a set of clues, we all worked together to try and decipher them and find the easiest route to that location. Even though we had a few arguments about directions, we eventually settled on the route we were going to take and managed to almost complete the task we were set.

Rose: During this weekend I have improved my team working skills as I have had to work in multiple groups. Also I have began to think about what I am going to after my time at RHS. Finally I had to put into play lateral thinking skills which has definitely improved them. These things have definitely made the trip worth it.

Zara: My favourite day was the first [visit to Cambridge]; I mostly enjoyed going and exploring and coming across things that I would not even know existed. I liked finding the small art gallery the most and deciding to explore the Museum of Zoology on a whim and still being oddly transfixed. I also appreciated being able to socialise with my peers that I usually don't spend much time with, it was nice to be in a new environment for a while.

Archie: This weekend was very enjoyable for me for many reasons. I built good friendships with people I normally wouldn't have. I have worked well as a team with others. I also got to see a place that I am very interested in (Cambridge) because I am contemplating going there and this weekend has given me some more info on it. It has also expanded my mind through logic puzzles and cryptic clues to work out the route for the final day's walk.

Ollie: I have realised it is important to keep my options open even if I think I know what I want to do. I also now understand how to specifically set goals for succeeding in what I want to do. I have also strengthened friendships and tried to work on my leadership.



Lydia: Over the past few days I have learnt multiple things. Many of these have been skills like responsibility, presenting and improvising while speaking. However what I have valued most from this trip is team work and collaborating together to create a piece of work that is much more valuable to those listening.

Ayoola: I have learnt so much in such a short period of time from cooking, tackling challenging puzzles, informative talks surrounding questions on my future and my academic vision, and having the opportunity to share this incredible opportunity with people with similar ambitions just like me. This trip has not only taught me team work, leadership and how to challenge myself but how to apply what I already know, to solve big significant problems whether that was through puzzles, talking about serious solutions to global issues concerning our society today and studying artefacts and objects from the Fitzwilliam Museum which gave me the opportunity to discuss why the object I chose interests me. One of the highlights of the retreat was probably going to Pembroke College; it inspired me and gave me a glimpse of what it would be like to go to a university and a feel for what my future could look like. I was astonished by the beauty of the chapel and had a lovely time looking around Cambridge. Although this was a productive and busy three days jam packed with several activities designed to challenge us, this trip also gave me the chance to think about serious questions involving my future, like what do I want to be when I am older and what can I do now academically to maximise my chances of achieving that?

"THE LAST WORD", WITH THIS EDITION'S SCHOLAR...

First impressions: are they important? In a closed environment, like RHS, it can become the norm to form misleading opinions about someone who may actually be very similar to you. Naturally we make judgments on a person during those initial moments upon meeting for the first time; this is a part of our intuitive nature. If we reflect back to some of the friendships we value now, for example, our first impressions may not have been so accurate. The same can be said for subjects at school, particularly when approaching GCSEs and A levels. Don't allow your pre-judgement of a subject to discourage you from exploring that subject area. If you enjoy it, then do it even if it appears to be a challenge. It requires time to develop a real understanding of what new subjects have to offer but this should not deter you. Therefore we should all endeavour to be mindful of the prominence of our judgements and not allow our first impressions to deceive us.

- Hattie (Year 12)

