

28 June 2019

Dear Parents

As in life itself, when there is beginning there has to be an end.

### **Leavers' Dinner**

On Tuesday night we celebrated the end of our Year 13's time in the College. The 'end' was held at The Racquet Club in which we enjoyed the fine food, the fine wine and above all the fine company of our students, staff and parents.

### **Year 12 Taster Day**

On Monday we held the Taster Day for Year 12 in which 88 pupils attended lessons. Our thanks to the teaching staff and the Gladstone Scholars who worked throughout the day to ensure our visitors had a very pleasant experience.

### **UCAS Parent Information Evening**

On Thursday Mr Leeder and I led the UCAS parent information evening. At this meeting Mr Leeder highlighted the timeline and the required work that is expected to ensure that applications are successful. The power point is available to view on the Sixth Form section of the College website. <http://www.liverpoolcollege.org.uk/sixth-form/about-our-sixth-form?showall=1>

### **Biology Chester Zoo Visit**

On Monday our Biologists travelled to Chester Zoo. Please read Katie M's report:

On Monday, the Year 12 Biology classes were lucky enough to embark upon an enthralling and educational trip to Chester Zoo in which we set off to explore in detail, the physiological features of various organisms within the Zoo such as giraffes, cheetahs and Bactrian camels.

We were split into small groups and left to carry out independent research on each species within our group from which we gained a large amount of astounding facts about how each animal is especially adapted to survive in their unique habitats.

We also attended a lecture with one of the Zoologists who talked about classification of organisms and gave us the opportunity to analyse the structure of different animal skulls, which we used to classify the skull of a chimpanzee.

Overall, the trip helped us as students to progress our understanding of animal physiology and classification which links to our A-level specification and was an extremely enjoyable day away from the classroom.

## **Physics Trip: University of Manchester**

A report from George S:

On Tuesday, we attended a Physics-led University Taster Day at the University of Manchester. The day started with a lecture about the search for a second earth, known as exoplanets. An exoplanet is a planet that orbits an alternative star other than the sun. An example we looked at was Proxima Centauri b which orbits the star Proxima Centauri, which is only 4.24 light years away.

The rest of the talk was orientated around the techniques used to identify planets that could potentially support life. The second talk was based on the discovery of Graphene (which was found in the very building we were seated) and its many uses. Graphene is the most innovative material discovery in recent history as it has a 2D structure with a layer being only one atom thick. It is providing a basis for the advancement of material technology due to its properties such as its electrical and thermal conductivity and the initiative that new materials can be built up layer by layer to provide the best possible properties.

At lunch, we had the opportunity to explore the campus and get a feel for University life. I really enjoyed the mix of modern and traditional architecture, giving the campus a pleasant and vibrant feel.

The Final lecture after lunch was about the discovery of the Higgs Boson. The existence of the Higgs Boson was predicted 50 years before its discovery in 2012. The discovery of this boson was so significant that British Physicist Peter Higgs won a Nobel Prize.

Overall I thoroughly enjoyed the day and it was a great opportunity to experience University life in a field I hope I go into in the future.

### **Work Experience**

Our Year 12 will embark upon their Work Experience next week. They will return to complete their EPQs the following week.

### **Reports**

You should all be in receipt of your son/daughter's report. They received their reports on Thursday.

### **Matriculation Meetings**

Next week I am meeting with parents and students who under-performed in the Year 12 tests to discuss the next steps options. If you have been invited to a meeting it is essential that you attend.

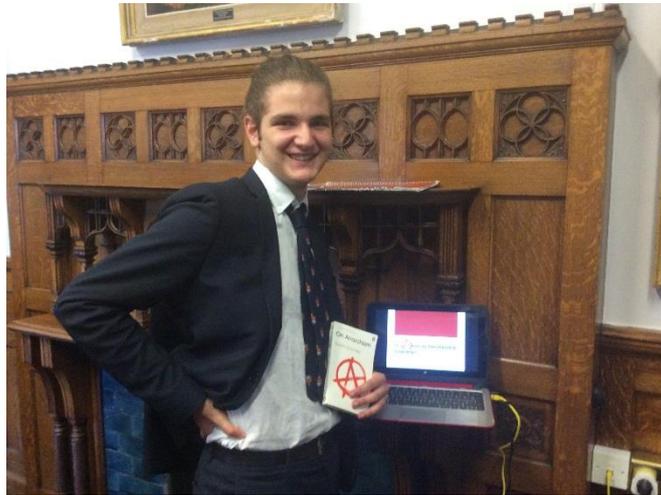
### **Extended Project Qualification (EPQ)**

[Tuesday 9th July](#)

Following Registration the morning session will be spent setting up the EPQs for all in Godwyn House.

The EPQ will be open [from 12pm - 3.30pm](#). This will provide time for EPQ Mentors to visit their students. Students must hand their mentor a project. This can be the last draft, enabling students to have the summer to add or alter elements of their project. Students are not to pack away as we will invite selected students from throughout the school to view the displays and projects. Students may pack their project away [at 3.30pm](#). They are then free to go home.

On Thursday I had the opportunity to review the Extended Projects of two of my Boarding Students, Gaetano and Nikita. This was excellent standard that bodes well for the EPQ presentations after work experience week.



### **Greek Play**

Dr McNamara escorted eight pupils to St Bede's in Manchester for a Greek play that was performed outdoors. A report from Eve W:

Yesterday, a small group of Year 12 Classicists travelled to St Bede's College in Manchester to watch their production of Aristophanes' Frogs. The production, staged outside in the fortunate weather conditions, outdid our expectations.

As well as being useful to our studies, given that it is one of our A Level texts, it was truly a comic experience.

We would all like to thank Dr McNamara for enabling this trip to take place.

### **Lunchtime Catering: BBQ Option**

Today Mr Coombes our Catering Manager treated us to a BBQ option in our Sixth Form garden. This environment has been enhanced and improved by the generosity of the PTA.

Planting will commence next week.

This is my penultimate Newsletter of the year and I look forward to announcing the posts of Heads of House and School in my final Newsletter on Wednesday, 10th July. In the meantime, have a very pleasant weekend.

Kind regards,

Stephen Brady  
**Head of Sixth Form**