

“She was unstoppable, not because she did not have failures or doubt, but because she continued on despite them.” Beau Taplin

1st May 2020

Issue 3

Free time projects

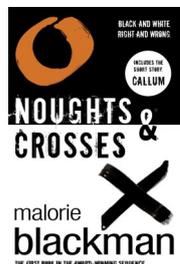
1. Join as many year 11 Pathway 1 and Pathway 2 sessions as you can. Not taking a subject at A-level? See what you can learn about a whole new topic! Now sure what an ISA is or what your credit score means? Join Money Matters! Need a change to relax? Take part in an art and Mindfulness session!
2. Take this time to get all those jobs done that you are always pushing to one side. Write out a CV that you can use to apply to internships or summer jobs in the future. Clear out your bedroom and create a bag of items you maybe no longer use to give to a charity shop when lockdown is over. Or help around the house by tidying up cupboards and communal spaces

Did you know?

We now have an “online library” with free access to over 150 books. Click [here](#) to access!

Book recommendations

Miss Collis recommends The Noughts and Crosses series By Malorie Blackman. If you haven't read these yet then you must give them a go! Also currently showing on the BBC as a TV series (but read the books first!)



Challenge of the week

1. See if you can solve this maths puzzle: Player A's score is determined by taking the highest of 3 dice. Player B's is determined by taking second-highest of 8. Who wins more games?
2. Can you and your family name the book titles on page 2 of this newsletter?

Did you know?

There are 8 times as many atoms in a teaspoonful of water as there are teaspoonfuls of water in the Atlantic ocean. Find out more and other similar facts [here](#)

Get involved!

Would you like to contribute to our weekly newsletter? If you want to boost your CV, entertain your peers and practice your writing skills by writing an article for this newsletter email sophie.collis@oasissouthbank.org

Message from Mr King and Ms Collis

Thank you so much for those of you that have engaged with the brilliant offering of sessions that are on at the moment. This time that you would have spent revising hard for your GCSEs is now a wonderful opportunity to develop yourselves as young people and to build knowledge that will put you in the best possible position with whatever you do next year. Don't forget the added bonus of a possible £50 Amazon voucher! The more sessions you attend AND engage with the more likely you are to win!

Opportunities

1—Summer and May online internship programme in a range of fields for students aged 15-18. You can apply for a free space if you are on free school meals or meet other criteria. Take a look at the website here: <https://investin.org/collections/all> and apply as soon as possible! Any questions contact Miss Newman with any questions (lucy.newman@oasissouthbank.org).

2—Resources from The Brilliant Club [here](#)

These are a great opportunity to boost your CV and learn more.

Watch or listen to this...

Primates — a three part BBC documentary about our closest relatives—great for nature lovers ([here](#))

A TED talk—influential videos from expert speakers. This week try this 20 minute talk about happiness and what can help us find it ([here](#))

The Curious Cases of Rutherford and Fry — A podcast that helps answer questions about mysteries in the world around us ([here](#))

Shoutouts

Want to submit your own shout outs to your teachers, friends or even your parents? Visit www.bit.ly/OASBShoutouts

To Lara: For helping out her brother with accessing online assignments and morning check in

To Davell: Well done for excellent uptake of the content in your first A-level physics lesson

To Ayisha: Amazing work in Maths last week and in all online lessons and coming to the optional Maths masterclass this week. A role model

To Saffron: Exemplar pupil in 11D all last week, emailing work, doing grade 7 questions accurately and still coming to the optional Maths masterclass.

To Mary: For AMAZING work last week in Maths—doing Grade 7 questions accurately and still coming to the optional Maths

To Abdi I: Well done for excellent contribution and understanding in your first physics A-level lesson

To O'tega: Well done for fantastic participation in your first physics A-level lesson

To Saffron: For getting 100% in emailed work. Setting an example for the rest of year 11. Well done!

To Laiya, Tyra and Rosheen: For their amazing contribution to the newsletter!

Can you guess the book titles from the emojis?

1. 🐷🐮🐔 F 💪	11. (N) 🕒 🚦
2. 💧🚢⬇️	12. 👩🐍🍷🥁
3. 💰🏝️	13. 😊♟️🧩🎮
4. 😊😊😈😈	14. 🕒🚄🚢✈️🚗👩
5. 2 🗡️🩸 A 😂🐧	15. 🐭🐭 & 👧👧
6. ❤️ly 💀	16. 🍇😡
7. 📅 FEB 24	17. 📖🏙️🏙️
8. ☁️🌍	18. 🕒🤖
9. 👨👩 & MR 😈	19. 🎈🏃
10. 👩🍫🏭	20. 🖍️🥚🥚🍉

Coronavirus Update

From Science Correspondents and OASB Students Laiya, Tyra and Rosheen

As of Friday 24th April in the UK there have been 143,000 confirmed cases of Covid-19 and a death toll of 19,506 deaths. However, not everyone that has the symptoms has been tested for the virus. The UK government has pledged 100,000 coronavirus tests a day by the end of April, but it is currently only managing about 52,000 tests per day (as of Wednesday 29th April). These tests are done by taking a swab of the nose or throat, which is sent off to a lab to look for signs of the virus's genetic material. This is because the antigens stay in the body for the duration of the illness. This is an extremely ineffective way in testing for a long period of time as symptoms may take a while to show up. In addition to this, the individual may not be infected with Covid-19 now per say, but may be later on so the test is only a temporary measure of their status.

Antibodies are Y-shaped proteins and is made up of two light and heavy chains. There are also two regions and they are called constant and variable regions. The constant region would be the same in all antibodies, whereas the variable region be different in different antibodies change. It has two variable regions so that it can attach to two antigens and clump them together in a process called agglutination. Conducting the antibody test means, when exposed to the virus (initial exposure), specific antibodies will be produced and through agglutination – a process by which antibodies cause pathogens to ‘clump together’, by attaching to two sets of antigens, at the same time. Antibodies increase the local concentration of attractants, so phagocytes can locate them more easily and cause pathogens to clump together, so they can be engulfed by phagocytes at the same time. Phagocytes then engulf the pathogen leading to the destruction of it - should you be exposed a second time (secondary exposure), your body can produce the correct antibodies rapidly.