



Thank you for your application to study A Levels at our amazing High Pavement Sixth Form Centre, part of Nottingham College.

We're excited to be welcoming you to Nottingham College this September. Soon you'll be receiving your invitation to one of our enrolment events so that you can secure your place with us. This invitation should be with you early in August.

To help you prepare for A Levels at Nottingham College we have produced some materials and other resources for you. These are for your benefit so please do your best to look through the information relevant to the courses you have applied for. We hope you find them useful in preparing for A Level study. If you have any questions please don't hesitate to get in touch with us.

TASKS, RESOURCES AND RESEARCH

An important part of preparing for a Biology A Level is to engage with your passion for the natural world. Make sure you get out and about over the summer, perhaps take photos of the things that interest you. You could also develop your knowledge through documentaries.

Of course our homes has been dominated by health related news for a number of months. We have all learned more about viruses, how they spread and what they can do. Perhaps you could come to college and share something you've learned.

There are a couple of other tasks too that will help you in the first weeks on our course.

Task 1 We'd like you to view [these slides](#) which provide an overview of Circulation types. Much of it is recapping what you have learnt at GCSE Level.

Task 2 Next we'd like you to have a look at these [sample exam questions](#) relating to the slides and have a go at the questions.

LEVEL **UP** for Biology

Biology is a fascinating subject to study at A Level. Biology is the study of life in all of its forms. It combines problem solving with practical skills and enables you to develop a scientific approach to the subject. Biology complements arts, humanities and other science A Level subjects.

The first year will focus on many of the fundamentals of biology: biological molecules, transport in and out of cells, cell structure and organisation, enzymes, DNA replication, protein synthesis, mutations and patterns of inheritance, evolution, adaptation and animal and plant physiology.

The second year will build on these by delving into some important and fascinating subjects such as: photosynthesis and respiration, speciation, forensics, determining time of death, microbiology, diseases and immunology, muscle structure, the effects of exercise and drugs on the body and the nervous system.



A career in Biology

There are many routes to a rewarding and important future career with an A Level in Biology:

- biochemistry
- dentistry
- medical research
- medicine
- nursing and midwifery
- pharmaceuticals
- veterinary science

Ultimately, a Biology A Level when studied alongside two or three other subjects, will open up a whole range of opportunities for University study.



More about studying at High Pavement

Taking care of you

Our Student Wellbeing team run activities, sessions and programmes to support your wellbeing. They also organise trips, host events and encourage you to get involved in a whole range of activities and movements in College and nationally. So, if you're passionate about the environment, why not join the Green Society, and if you want to champion LGBTQ rights, join our LGBTQ society. If you want to suggest setting something up, we're up for that too!

Who do you talk to?

Your Personal Tutor: if you need help with your course let them know right away.

Achievement Coach: if you are worried about things outside your course and you need to speak to someone, they'll be able to help you. If they can't resolve the issue, they will put you in touch with someone who can.

Careers Adviser: they can help you get advice and information about your next steps, plus work and training options. They can also access a range of support to develop the skills you need to progress to university, and ultimately into employment.

Specialist UCAS Advisers: they are at High Pavement to help with choosing your options, completing your UCAS application, and preparing for interviews. This can be particularly useful in preparing for Oxbridge, or those more difficult to access application processes, such as for medicine and veterinary science.

Student Services: if you need to talk to someone confidentially to discuss money or get some health advice, they are here for you.

Sports and activities

Love sport? You could take part in sports clubs and inter-college competitions. If you want to relax, we host stress-busting sessions to help you with your studies. We also have a wide range of sports on offer for beginners, plus activities such as British Sign Language and driving theory skills. Our specialist sports academies offer dedicated training in different sports, with the opportunity to gain coaching qualifications alongside your studies. You could even be in with the chance to apply for USA university sports scholarships. Find out more on our website.