



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

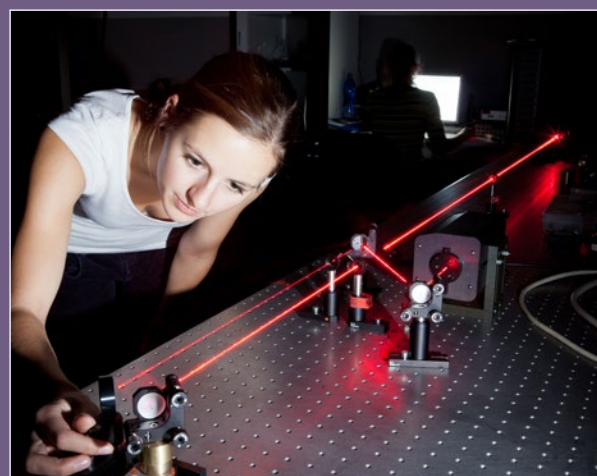
To help you prepare for Physics study at A Level we recommend this textbook:

Click here to see the link

Two fantastic Youtube channels to check out are:

<https://www.youtube.com/user/minutephysics>

<https://www.youtube.com/user/1veritasium>



Our Physics Transition Guide can also help you prepare with some useful tools and a few activities to complete to get you going.

LEVEL **UP** for Physics

Studying physics gives you a fascinating insight into the universe, looking in depth at how it came into existence and the scientific principles which govern our world.

This is a challenging but very rewarding course for anyone who enjoys problem solving and wants answers to the big questions about space, time, matter and energy. To ensure you're fully geared up to succeed in physics, it's expected you'll also be studying A Level Maths.

You will use maths skills and scientific reasoning to find answers to your questions about how the world works. This exciting and challenging course is highly regarded by universities and future employers. Topics will include mechanics, materials, electricity, waves, quantum physics, further mechanics, fields, thermal physics, nuclear and particle physics.



A career in Physics

With a highly-regarded Physics A Level you could progress onto university in a range of academic areas.

These could of course include maths or physics but also electronic, mechanical or aeronautic engineering, medicine, environmental science, astrophysics, nuclear technologies or even ecology.

Career opportunities are vast with a good grounding in Physics.

Everything from an oceanographer, engineer, medical physicist, astronomer, clinical scientist or meteorologist could be on the cards.



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.