



Choose NPTC to study Maths & Science

Parent Guide

Our results speak volumes!

Our students have continued to perform at an exceptionally high standard in their A level examinations. For the fifth year in succession the college overall pass rate of 99.5% has exceeded 99% while, in 44 subjects out of the 45 offered, students achieved a remarkable 100% pass rate. Over 51% of those entered for the examinations achieved either an A*, an A or a B pass. Within Maths and Science subjects, the following results were obtained by our students in 2009-10:

NPTC 2009-10 Attainment Data

A Level Subject	(% A-E)	(% A*-C)	(% A*-B)
Biology	100%	68%	49%
Chemistry	100%	78%	40%
Environmental Studies	100%	43%	17%
Geology	100%	86%	57%
Physics	100%	74%	49%
Maths (inc F. Maths)	100%	74%	50%
Ext. Dip. Forensic Science	100%	N/A	33% (DDD)

Applying to study Medicine/Dentistry or Veterinary Science at University?

If your child is interested in applying to study any of the above subjects at University, there is specialist support within the school to help them complete their application. They will receive:

- Placement within a specialist tutorial group, where they will receive personal advice and guidance from an experienced tutor who will guide and facilitate them through this competitive process.
- Guidance from local universities, regarding the application process, entry requirements and interview arrangements. Representatives from Cardiff Medical School have recently given a presentation to our current students regarding applying for medicine.
- The opportunity to attend various science related events e.g. Cardiff medical school have recently completed a 'medical road show' especially for our students, previous students have also attended a full day at the university where they were able to experience science in action
- Mock interviews can be arranged for them in order to prepare them fully for their big day.
- What is a typical lesson like?
 - Lessons are classroom-based with approx 18-22 students.
 - Lessons involve a variety of interesting and interactive techniques
 - A large amount of practical work is undertaken in the laboratory in all of the science-based subjects

Tel/Ffôn: 01639 648000
www.nptc.ac.uk

more than just an education
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NEATH PORT TALBOT COLLEGE
COLEG CASTELL NEDD PORT TALBOT

NPTC

→ **Will my attendance and progress be monitored at college?**

- Definitely – the key to obtaining excellent AS/A level grades is to ensure 100% attendance is maintained and that our students are making good progress towards their target grade
- Attendance is closely monitored during subject lessons and also every week by the personal tutor.
- If a student misses college and their absence is unauthorised absence letters are sent directly home, so parents can be notified.
- Students within the School of Maths and Science are also given individual target setting sheets at the start of the year. Here teachers will ensure that your child receives comprehensive feedback on all homeworks that have been set. All students will be required to reflect upon this feedback and comment whether they are working towards their target grade.

→ **Will I get any support at college?**

- Yes, Yes, Yes. One common misconception by students about going to college is that students won't receive the necessary support to help them with their studies.
- This is certainly not the case, all staff are both friendly and approachable and willing to help students with any topics they might find difficult both during/outside lessons.
- There are daily 'drop in' Mathematics workshops for any students studying AS/A level Mathematics and Further Mathematics.
- For those students who might find organisation and revision difficult, there is a 'Learning Coach' within the School of Maths and Science who is on-hand to provide with all the necessary skills and support to successfully complete your studies.
- Further support and guidance with regards to anything you need help with can be gained from our friendly staff within the Learner Services department.

→ **Resources within Mathematics and Science**

- All of our scientific labs are fully equipped to provide our students with all the necessary equipment for the completion of scientific practicals whether in Chemistry, Biology, Forensic Science and Physics.
- Our Biology lab has also recently undergone refurbishment in order to provide students with the best quality resources to complete their studies

- We have a specially developed 'Crime Scene Room' for our Forensic Scientists to practise their skills, of fingerprinting and foot printing used in criminal investigations.
- Subjects within maths and science make extensive use of the VLE MOODLE to assist learning beyond the classroom e.g. students can access copies of lecture notes, quizzes, power points etc.

→ **What do our students say?**

"I find the friendly classroom environment at Neath Port Talbot College to be one of its greatest assets. My tutors are always willing to provide help and guidance, and the support you are given is very similar to the support you receive in school. You get all the benefits of the classroom in addition to the greater freedom that college allows. This is why I think NPTC is a fantastic place to study and further your education. I thoroughly enjoy all of my lessons in college..."

Current student: Thomas Williams
(School representative)

Subjects at NPTC: AS Maths, AS Physics,
AS Music, AS Graphics

Future Career: Architecture

Previous School: Cefn Saeson Comprehensive
Former Head Boy

If you have any further enquiries about studying any of the above subjects then please do not hesitate to contact us on **01639 648000 or contact the following:**

Kelly Gay
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Email: Kelly.Gay@nptc.ac.uk

Lisa Jenkins
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Maths and Science)
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