



HEANOR GATE SCIENCE COLLEGE

“Develop all learners to achieve their full potential”

“Create a culture of aspiration”



Post 16 Enrichment Options

During your time in the sixth form you will have one timetabled Enrichment lesson per week and you will be expected to attend this regularly, just as you would the A level/ BTEC subjects you have chosen to study. In addition to this lesson, there will be other activities which you can take part in after school or in your free lessons.

Remember:

The more you put into Post 16 life, the more you will get out of it!

Why do Enrichment lessons?

Enrichment lessons are designed to offer you new challenges and experiences beyond those presented by your chosen subjects. They should help prepare you for life once you leave college by nurturing the qualities and skills which will help you lead a happy, healthy and successful life.

But don't universities/employers just want exam results?

No-one is denying that your exam results are important and will help in opening many doors for you in life. However, both employers and universities are looking for evidence of your personal, social and study skills above and beyond those exhibited in your A level subjects. To put it bluntly: the more you can include in your personal statement about extra-curricular/enrichment activities, the more chance you have of attracting the prospective university's/employer's attention.

So what's on offer?

We have put together a varied programme of activities which should have something to suit everyone. There are timetabled courses as well as work experience placements to choose from.

Enhance your writing

If you need help with extended writing in your A level/BTEC subjects or writing personal statements this is the option for you. Taught by English specialists, this can either be taken as a full year course or short course depending on individual needs.

EPQ

Extended Project Qualification (EPQ) allows students to extend their abilities beyond the A-level syllabus and prepare for university or their future career. It is worth half an A-level (28 UCAS points) so can be used to earn extra UCAS points.

An increasing number of universities are including the EPQ in their offers to students. "Nearly 1 in 5 successful applicants to Durham had completed the EPQ" - The Sunday Times 16 Feb 2014.

Students are required, with appropriate supervision, to:

- choose an area of interest
- draft a title and aims of the project for formal approval by the centre
- plan, research and carry out the project
- deliver a presentation to a non-specialist audience
- provide evidence of all stages of project development and production for assessment.

Equality Ambassadors

Working with Mr Amott to promote equality and engage with racism across the school and the wider community.

The main project will be based around Islamophobia and will involve training with the director of the multi-faith centre from the University of Derby, as well as visiting a mosque in Derby.

This training will prepare students to lead citizenship lessons in years 7 and 8 in the first instance but could also lead to them preparing peer-led sessions on issues such as racism and LGBT rights.

Lifeskills

During the half term, students will undertake a range of activities including the following:

- Revision of cooking skills focusing on the preparation of balanced meals whilst on a budget
- Food safety (re-heating and safe storage)
- Gap year (travelling and safety, work experience opportunities)
- Accommodation tips - looking for accommodation, short term tenancy agreements, utility bills, sharing in harmony!
- Personal Safety (sexual health, getting home safely, safe use of social media), alcohol and safe drinking/ drugs

Practical Sport

1 year programme of team games and fitness workouts aimed at improving physical & mental health. The NHS recommend that 16-18 year olds achieve 7 hours of physical activity a week. Research also suggests that the endorphins released during exercise improves mental health and stimulates brain function. This is an opportunity to get one of hour for free!

Podcasts

Students work in small groups to research, record, edit and release a regular podcast on a topic of their choice. They will gain skills in researching, script-writing, working to deadlines using technical equipment, editing and using social media for marketing. This enrichment activity will last the full academic year as podcasts will need to be released regularly and consistently throughout the academic year. Students will start the project by researching the current podcast market, and then will choose their own topic of interest.

Finance skills

During the half term, students will undertake a range of activities including the following:

- Bank accounts/savings accounts
- Student Finance - including loans (tuition fees and maintenance), bursaries, grants, paying back loans
- Car Insurance
- Insurance for personal belongings whilst at college
- Cheap travel - at university
- Cheap travel - (gap year)
- Staying safe on the Internet (from fraud and identity theft)

Community Links/Voluntary Work

Plan and participate in community voluntary work in the local area. This is to include work in local old people's homes on both a short term, regular basis as well as the planning of special events. This could also involve the planning of events such as working with homeless shelters and young children. Involvement would be to decide, plan and participate in events. This will give you the chance to show initiative, communication skills and teamwork: all valuable qualities when it comes to UCAS applications or CVs. This option **can be taken in addition to other short courses or as a course for most of the year.**

MOOCs

These are courses created by universities and educational institutions around the world and delivered through a variety of platforms. They are short, open, online courses that give everyone a chance to study university level courses. We will be using the portal **FutureLearn.com**, the first UK-led massive open online course (MOOC) learning platform. **FutureLearn.com** is an integrated social learning experience so you can communicate with an international community of learners and have your say on the topics that interest you. **FutureLearn.com** allows universities to deliver high-quality academic content over the web, opening their learning, teaching and research to a global community of learners.

You can choose any course that interests you and explore the subject through a blend of videos, articles, discussions and interactive activities. Whether for a taste of further academic study, for evidence for UCAS or just for fun, you can study at a pace that suits you. All courses are free to follow but there is a cost for accreditation (between £20-£40) which you would need to pay if you wanted it.

The aim is that all students taking this will start with 'Preparing for University' module delivered by the UEA (University of East Anglia). This 6-week course will help to develop the key skills required for a smooth transition to university.

Why do a MOOC course?

Studying via a MOOC brings many benefits-

- Gives you an insight into potential areas of study at university
- Provides good evidence for UCAS personal statements by showing you going beyond your normal studies and showing independence
- Shows potential employers that you have wider interests and skills
- Can be interesting for your own personal development

What is the commitment?

Courses run for a set number of weeks and on average have a 2-3 hour per week commitment requirement. You would have dedicated time during your enrichment time in school but would need to commit any further additional time requirements to this from your own independent study time.

Dyson Design

In this option, you will learn about James Dyson and consider if he is an artist or a scientist. You will look at cyclone technology through disassembling the DC26 turbine head and explore design prototyping and problem solving. Basically, you will learn to make, break, fail and fail again in order to succeed.

The design process is a cycle, rather than a straight line. Design, prototype, test, solve the problems found in testing, modify the design, prototype and test again — and repeat until you get it right. While many people fear failure, James Dyson encourages it. The 5,127 prototypes that preceded the DCO1 vacuum cleaner were all failures. But James didn't give up; instead he learned something new from every prototype that didn't work. This approach has been adopted by the hundreds of Dyson design engineers who work with James today.

When design engineers at Dyson brainstorm ideas, they always start with the problem. Then they take a piece of paper and fold it into 16 squares, thinking creatively to every square fill with a possible solution.

Try it yourself see what you come up with. Enjoy the freedom to fail!

Work Experience

Most of you will already have completed a week's work experience in Year 10. In Post 16 we encourage students to organise their own work experience to run alongside their A level studies. This is especially important in competitive areas like teaching and medicine. Nevertheless, work experience is valuable to all students, as it gives you the opportunity to acquire skills and demonstrate qualities which prospective employers and universities will be looking for. All Y12 students will take part in a week's work experience at the end of the summer term. However, you will also have the opportunity to gain valuable work experience throughout the academic year.

When you receive your timetable, there will be periods when you have no timetabled lessons. These are study periods. However, it is also possible for you to organise work experience in these lessons. Moreover, you may choose to undertake regular work experience in your weekly enrichment lesson instead of one of the timetabled options.

It is important to make a **commitment** to attend work experience **regularly** for an agreed period of time, for example, a term or a year.

Below are a number of specific posts for which you can apply, **either by letter or by speaking directly to the member of staff concerned**. Other jobs may become available during the year.

English – Miss Tate

- Basic literacy skills
- Small group work
- Reading help
- Mentoring within English

Maths – Miss Crichton

- Working as teaching assistants with year 7 groups
- Assistance with after school homework maths clinic
- Year 11 tutoring
- Help promote numeracy across the curriculum

Modern Foreign Languages – Mrs Huntington/Miss Hill

- Helping in Years 7 and 8 French/Spanish lessons. The ideal candidate will be pro-active and have an interest in languages.

Photography - Mrs Bartram

- Official school photographer, e.g. for special events like sports day, year book, induction, etc. This role could be shared if after school commitments are difficult.
- Photography technician/classroom assistant.

Design Technology – Mrs Mosley

- Requires a student to support KS3 lessons.
- Technician support.
- Assisting with displays.

Student Support – Mrs Sisson

We have a number of opportunities for 6th formers to be involved in Student Support.

- **General Classroom Support** - 1 or 2 hours per week. Sixth formers will be required to work with students 1-1 or as a general helper within the classroom under the guidance of a teacher/teaching assistant. They will work with KS3 students unless specifically asked to work with individual students in KS4 in their preferred subject.
- **Mentoring** - Sixth formers will be working with students on a 1-1 basis. They will be asked to mentor the student on a regular basis and report any concerns they have to Student Support. We have a number of students who would benefit from strong male role models so we would especially welcome any suitable applicants.
- **Buddy Reading** - To support reading with lower ability SEN students. This could be for a small amount of time daily or longer for a couple of times per week.
- **Sports Leaders** - To set up and run sports activities as part of a lunch time activity for small groups of students.

Student Support – Mrs Pollitt

- Scribes for SEN students.

Sociology/Citizenship – Mr Amott

- Teaching assistant in Year 10 sociology and citizenship lessons.
- Creative assistant – putting up displays, creating games/active resources.

Food Technology - Miss O'Brien

- Help with practical lessons at KS3

Science – Mr Moore

- To support and deliver KS3 Science Club every Tuesday after school (available for 2 students). This will involve delivery of practicals and demos, as well as organising equipment and students' teams (this will start the second week after half term)
- To support in KS3/4 lessons where permitting as a TA. This will require students to be taking A Level sciences. Students will need to be able to support small groups, answer questions and have good subject knowledge. Anyone thinking of becoming a teacher would find this experience very useful.

Beauty – Miss McHugh

- Reception and administrative duties.
- Technician

Maths – Mr Amponsa-Achiano

- Maths assistant to help drive numeracy across the curriculum.

Humanities – Mrs Harris

- Support in lessons.
- Administrative assistant.

Music – Mr Wetherburn

- Classroom assistants for KS3 lessons (only available to music students)
- Opportunity for setting up and running your own extra-curricular club (only available to music students)

Psychology – Mr Conway

- Supporting Y11 GCSE Psychology students. Any student interested in a career in Psychology and/or teaching would benefit.

Resources – Mrs Rose

- Admin duties – working mainly in the Resources office.

Academic Mentor – Mr Tyler

- Looking for positive role models who can support struggling Y8 students as an academic mentor. You will need to be able to commit to see them at least once a week during RG time. Actual requirements will be dependent on individual need but may involve working on organisation, learning skills or motivation etc. Training is provided.

Classroom Support KS3 Computing – Mr Gold

- You will need to be interested in computing (Computer Science, Digital Literacy & IT) and/or teaching and have a desire to help students in Year 7, 8 & 9. You will need to support students and the teacher in the learning and teaching taking place. There may be the opportunity to create displays and/or develop materials to support the delivery of this subject.

Classroom Support GCSE ICT, Business Studies and Computer Science (including programming) – Mr Gold

- You will need to be interested in ICT, Business Studies and Computer Science (including programming) and/or teaching and have a desire to help students in Year 10. You will need to support students and the teacher in the learning and teaching taking place. There may be the opportunity to create displays and/or develop materials to support the delivery of this subject.

Drama – Miss Shuttleworth

- Drama lesson support - supporting lessons in KS3, leading warm ups/tasks within the lesson, creating resources, assisting with homework planning.
- Drama technician - supporting with the show, learning how to produce a large-scale production, co-ordinating with director and technical team

Student Mentors – Miss Lee

- Looking for positive role models to support and mentor students during tutor time.