



Chellaston Academy

Integrity Care Excellence



Chellaston Academy

**SIXTH FORM
PROSPECTUS
SEPTEMBER 2023**



Click Me





Message from the Head of Sixth Form

I am incredibly proud to be the Head of Sixth Form at Chellaston Academy and am delighted that you are considering us for your next step in education.

At Chellaston Academy Sixth Form we pride ourselves on balancing a thirst for academic excellence in a happy and caring environment, with personal development opportunities for all, through an extensive enrichment and extracurricular programme that supports the wider community.

This year, we are delighted to be able to offer an extremely broad curriculum, offering a wide range of subjects accessible to all students. This ensures we are truly inclusive.

Our high quality tutor system delivers superb pastoral care and each year within the Sixth Form is overseen by a Student Progress Leader. This structure ensures consistency across the Sixth Form and maintains the high standards that we demand of all stakeholders.

Chellaston Academy offers all students a friendly and supportive environment where students are challenged to achieve their best. If you think that this is the Post-16 educational setting for you, we would welcome your application.

My Vision

Chellaston Academy Sixth Form is an inclusive and high performing Sixth Form located in Derby, where students are passionate about their subjects and are inspired by their learning. Students are driven by the aspiration to achieve brilliant outcomes in order to secure their best future.

They develop into independent learners but are supported and guided by knowledgeable and experienced staff who are committed to helping young people achieve their full potential.

Students leave Chellaston Academy Sixth Form as mature, confident and successful global citizens who can thrive in an ever changing world.

Edward Moore, Head of Sixth Form



Application Process

Apply online by clicking the icon:



Closing Date is Monday 19th December 2022

**Please click the play button
on the TV to find out what
Sixth Form life is all about at
Chellaston Academy**





Welcome

Message from the Headteacher

I am delighted to welcome you to Chellaston Academy Sixth Form. Our educational philosophy is to provide all students with an engaging and enjoyable experience which will develop both academic and personal success. Chellaston Sixth Form is a vibrant and thriving community where students develop exemplary skills and qualities as well as excelling academically, enabling all students to be successful in their next stages of life.

Our curriculum is broad and balanced and offers a range of qualifications, from traditional A-Level subjects to new vocational courses. Students leave our Sixth Form to enter the world of work/apprenticeships or choose to continue their studies in Higher Education.

There is a friendly and welcoming atmosphere, where the school values of Integrity, Care and Excellence are developed and embedded. Chellaston Sixth Form is active in the school and wider community, and we are proud of our enrichment curriculum. We believe you will enjoy being part of a 'good' Sixth Form whose effective curriculum, positive atmosphere and positive relationships will support you to flourish.

Mr Phil Smith, Headteacher



Messages from our Student Leaders, Katie, Rachel and James.



I can't imagine having spent the last 6 years anywhere but Chellaston Academy. The school has an unfaltering caring atmosphere that helps every student to reach their full potential. Academically, teaching staff are persistent and dedicated to achieving the highest quality of learning. As well as this, I've personally been inspired by many members of staff due to their evident passion for their subject. Pastorally, staff work additionally hard to ensure to make everyone feel supported throughout their school journey. Here, I have made memories and formed relationships that I will cherish for life.

The Sixth Form itself is an especially warm community which cares about every student. There is tailored 'Next Steps' support and designated enrichment time to develop us as individuals. Day to day, we get to make use of brilliant facilities, such as our own canteen hall, study space, computers and laptops to aid our learning and to also support the crucial social aspect of Sixth Form Life.

Being selected as a Head Student, I now get the opportunity to help to develop aspects of school life at Chellaston, such as seasonal school events, student voice and the rest of student leadership. This I am really excited about, and feel extremely grateful to be a part of.

Katie Mayling, Head Student



Welcome

Studying A levels at Chellaston Academy, for me, was an incredibly easy decision to make. Since I joined the school 6 years ago, my academic development can be undoubtably be accredited to the consistently high quality of teaching and vast amount of support that has been available to me.

The passion teachers have for their subjects is contagious and has inspired me and countless other students to aspire to reach their full potential. The numerous after-school clubs, school trips, and extracurricular activities the school offers demonstrate just how much they truly care about ensuring that every student has the opportunities and support necessary to thrive professionally but also as people.

In the Sixth Form especially, our academy prides itself on not only giving students the academic keys to unlock their next steps, but also giving us the practical skills and knowledge necessary to be independent and prosperous citizens after we leave. The range of enrichment sessions available to sixth form students has improved every year and again exemplifies Chellaston Academy's dedication to its student's personal development.

While A levels can be difficult, the positive atmosphere engendered by the friendly students and supportive staff ensures that no student ever feels left to fend for themselves: there is a real sense of community that unites Chellaston Academy and allows for students to meet high academic standards while still being able to thoroughly enjoy our last years at school.

James Ashie-Kotey, *Head Student*

Being at Chellaston Academy for 6 years has shown me how the school strives for excellence in all students and supports them through all avenues of school life. I have thoroughly enjoyed my time within the school and the sixth form, to be going into my final year at the school as one of the head students is an honour and a privilege.

Everyone at the school carries themselves highly and achieves their goals through hard work and determination. The teaching staff are always invested in all students and helping them to become the best versions of themselves in school and the wider world. The step up from lower school to sixth form can be challenging and intimidating however, the support is outstanding and helps everyone settle into Sixth Form life along with specialist teachers for careers and dedicated sessions to help with routes after Sixth form.

At Chellaston, the teaching staff allow students to feel confident in achieving their goals and fulfilling experiences within the school. Everyone in the school community strives to make students meet and exceed their potential and are supported every step of the way through your personal and academic journey.

Rachel Boddey, *Head Student*





Sixth Form Entry

Subject Requirements

The general requirements for entry into Sixth Form are five GCSE passes (grades 9-4) including English Language and Mathematics.

Students should also meet the specified entry requirements for the courses they wish to study and must choose either an EPQ or Core Maths **in addition** to their three Level 3 courses. Students wishing to take four A Level subjects should be achieving grade 9/8 across all GCSE subjects.

Please familiarise yourself with the additional factors that we take into consideration when offering places to students. These are found on page 5.

Qualification	Entry Requirements
A Level English Language	GCSE Grade 6 in English Language
A Level English Literature	GCSE Grade 6 in English Literature
A Level Mathematics	GCSE Grade 7 in Mathematics
A Level Further Mathematics	GCSE Grade 7 in Mathematics and Mathematics A Level as one of your other choices
Level 3 Mathematical Studies (Core Maths) (AS level equivalent)	GCSE Grade 5 in Mathematics
A Level Biology	GCSE Grade 6 in Biology or 66 in Double Science and a Grade 5 in Maths
A Level Chemistry	GCSE Grade 6 in Chemistry or 66 in Double Science and a Grade 6 in Maths.
A Level Physics	GCSE Grade 6 in Physics or 66 in Double Science and Grade 6 in Maths.
Level 3 Extended Certificate Applied Science	GCSE Grade 5 in GCSE Triple Sciences or 55 in Double Science.
A Level Geography	GCSE Grade 5 in Geography and a Grade 5 in Maths. For students who have not studied GCSE Geography, Grade 5 in English or History and a Grade 5 in Maths.
A Level History	GCSE Grade 6 in History or for students who have not studied GCSE History, Grade 6 in English.
A Level French	GCSE Grade 6 in French or students who have not taken GCSE French will need to prove in an interview that they are either fluent in the language or a native speaker.
A Level Spanish	GCSE Grade 6 in Spanish or students who have not taken GCSE Spanish will need to prove in an interview that they are either fluent in the language or a native speaker.
A Level Computing	GCSE Grade 6 in Computing. For students who haven't studied Computing at GCSE, Grade 6 in Maths



Qualification	Entry Requirements
Level 3 Cambridge Technical in Digital Media <i>Extended Certificate (1 A Level equivalent)</i> <i>(Diploma - 2 A Level equivalent)</i>	Sixth Form General Entry Requirements
A Level Fine Art	GCSE Grade 6 in Art. Those students who have not taken GCSE Art may be asked to provide a portfolio of evidence to support their application.
Level 3 BTEC Diploma Art & Design <i>(Diploma - 2 A Level equivalent)</i>	
A Level PE	GCSE Grade 6 in PE or for students who have not taken GCSE PE Grade 6 in Biology or 66 in Double Science
Level 3 Cambridge Technical Extended Certificate in Sport & Physical Activity	Sixth Form Entry Requirements
A Level Drama	GCSE Grade 6 in Drama or significant experience
A Level Music	GCSE Music at a level 6 or above. Students should be working towards grade 6 on their chosen instrument as well as working towards their Grade 5 Theory. Students who have not studied GCSE music would be considered
A Level Religious Studies	GCSE Grade 6 in Religious Studies or for students who have not studied GCSE Studies a Grade 6 in English
A Level Psychology	GCSE Grade 5 in English, Maths and Science and at least one Grade 6 from English, Maths or Science
A Level Sociology	GCSE Grade 5 in Sociology or for students who have not studied GCSE Sociology require a Grade 5 in English
A Level Business	GCSE Grade 5 in Business and Grade 5 in Maths. Those students who have not taken GCSE Business require a Grade 5 in Maths and English
A Level Economics	GCSE Grade 6 in Maths and Grade 5 in English
A Level Politics	GCSE Grade 6 in English, English Literature or History
A Level Product Design	GCSE 6 in Design Technology or equivalent and GCSE Grade 5 in Maths
Level 3 Cambridge Technical in Health and Social Care <i>Extended Certificate (1 A Level equivalent)</i> <i>(Diploma - 2 A Level equivalent)</i>	Sixth Form General Entry Requirements
Level 3 Extended Qualification Project	Sixth Form General Entry Requirements

The following factors are used when assessing whether a candidate is suitable for Sixth Form Study

- Evidence of a sustained and committed approach to study throughout Key Stage 4.
- Predicted GCSE results.
- Pastoral and academic staff recommendations.
- Attendance/Punctuality record.
- Performance at interview.

Each student's application will be considered on an individual basis and contextual information will be taken into account. Students who do not maintain a good record of conduct will be refused entry to the Sixth Form.

Those students who are to continue into Year 13 will be expected to:

- Have achieved at least 3 high E grades in their internal exams in year 12
- Be able to continue with at least three subjects in Year 13
- Demonstrate the commitment necessary to study at Level 3 with attitude to learning grades no lower than B



Sixth Form Option Blocks

Chellaston Academy Option Blocks September 2023

Block 1	Block 2	Block 3	Block 4
CNAT Sport and Physical Activity	BTEC Art and Design Double		CNAT Applied Science
A Level Product Design	CNAT Health and Social Care Double		A Level PE
A Level Business	CNAT Digital Media Double		A Level Computer Science
A Level English Literature	CNAT Digital Media Single	CNAT Health and Social Single	A Level Business
A Level Chemistry	A Level English Language	A Level Geography	A Level Fine Art
A Level Psychology	A Level Economics	A Level Spanish	A Level Physics
A Level Biology	A Level Sociology	A Level Physics	A Level History
A Level Further Maths	A Level Biology	A Level History	A Level Sociology
A Level French	A Level Maths	A Level Psychology	A Level Chemistry
A Level Music	A Level Religious Studies	A Level Biology	A Level Psychology
	A Level Drama	A Level Maths	A Level Maths
	A Level Politics		

The Curriculum Offer

All students will study the equivalent of 3 A Levels, choosing a maximum of one subject from each block. Students who wish to study 4 A Levels must achieve a profile of GCSE grades 8 and 9.

Please note, students will only need to pick from 3 of the Blocks if they are choosing 3 A Levels. Please note “Double” qualifications are worth the equivalent of 2 A Levels and therefore only 1 additional qualification should be chosen.

In addition to this, all students (except those studying 4 A Levels) will study either Level 3 Mathematical Studies (Core Maths) or the Extended Project Qualification (EPQ). Further details about these two courses which are taken in Year 12 only, are included in this prospectus. Students who study A Level Mathematics should NOT choose Core Maths.

Whilst we have set these option blocks, if any students' preferred combination of subjects are not available, there is an opportunity in your application to let us know what subjects you wish to study. We will do our best to accommodate this.





Dress Code Expectations

At Chellaston Academy we believe that it is important for students to understand how to dress smartly and appropriately in preparation for the world of work, interviews and formal occasions. We therefore have the following uniform expectations:

Female Students

- Black, grey or navy tailored trouser, dress or skirt suit (or tailored jacket/blazer with dress/skirt/trousers)
- Skirts/dresses must be no shorter than 2 inches above the knee. No lycra or skinny jeans are permitted.
- Plain white or dark blouse or formal sleeved top
- Black formal shoes
- Plain black or white belts

Male Students

- Black, grey or navy tailored suit (or tailored jacket/blazer and trousers)
- Formal white or black shirt
- Formal black or brown shoes
- Sixth Form tie

For any student who does not identify as either male or female, a conversation will take place between the student and the Head of Sixth Form to agree a suitable formal uniform.





Sixth Form Curriculum

Enrichment

We are incredibly excited to be able to timetable, once a fortnight, a period of Student Enrichment. Enrichment for our Year 12 and 13 students includes sessions on Basic First Aid, Cooking on a Tight Budget, Stress Management Techniques, Teambuilding, Safe Travel and much more. We strongly believe that part of our role as educators is to ensure that students leave us with more than an academic education and through these sessions, our students develop skills that they can apply throughout their time with us and beyond.

Personal, Social, Health and Careers Education

As part of our commitment to Personal Development, and as part of our vision to enable students to leave us as mature, confident well rounded, global citizens, we believe that P.S.H.C.E. is more important than ever before. We provide opportunities for students to learn about the world around them and ensure that they can understand, and question, themes and issues that are important and challenging to all of us.

Built into every student's timetable is one hour lesson, per fortnight, which focuses on relevant and contemporary topics such as Equality and Diversity, Relationship and Sex Education, Health and Well Being, Safe and Positive Relationships, and The Wider World. The dedicated time to these topics allows students to form their own opinions and belief systems, whilst being accurately informed about the facts. Students are taught in the supportive context of tutor groups and are signposted to further support should they require.

Next Steps Programme

At Chellaston Academy, we pride ourselves on the comprehensive programme of study and support that our Sixth Form students receive.

Every student has one lesson every fortnight, dedicated solely to Next Steps support. These are led by our careers lead, Mrs Shillingford and supported by tutors and other teaching staff. We know that deciding on next steps can be difficult; be it going to university, getting an apprenticeship, or securing employment. These sessions will educate the students as to the options they have, as well as guiding students through the operational processes, skills and knowledge required for their desired pathway, including personal statement writing, interview techniques, how to find and apply for an apprenticeship and UCAS application. All this will be in place so that our students can secure their best future.



List of Subjects

English

- A Level English Language
- A Level English Literature

Mathematics

- A Level Mathematics
- A Level Further Mathematics
- Level 3 Mathematical Studies (Core Maths)

Science

- A Level Biology
- A Level Chemistry
- A Level Physics
- Applied Science - Extended Certificate

Humanities

- A Level History
- A Level Geography
- A Level Politics

Computing

- A Level computing
- Digital Media – Extended certificate (worth 1 A level) or Diploma (worth 2 A levels)

Creative Arts and Sport

- A Level Drama
- A Level Music
- A Level Fine Art
- Art and Design – BTEC National Diploma (worth 2 A levels)
- A Level Physical Education
- Sport and Physical Activity – Extended Certificate

Philosophy

- A Level Religious Studies

Social Science

- A Level Psychology
- A Level Sociology

Business

- A Level Business
- A Level Economics

Technology

- A Level Product Design

Health and Social Care

- Health and social care - Extended certificate (worth 1 A level) or Diploma (worth 2 A levels)

EPQ

- Extended Project Qualification (Level 3)

Languages

- A Level French
- A Level Spanish





A Level English Language



Course Summary

The course is designed to heighten your understanding of how the English Language functions, how you use language yourself and the ways in which language is used to affect you. This course supports a number of career options where confidence with language is at a premium. Assessment is linear with timed examinations at the end of the two year course. There is also an element of non-examined assessment (NEA).



What will I have to study?

Variation in the Usage of English: for example, advertising, television / film, and journalism
Language Diversity: the study of language differences based on gender, power and culture.
Language in Action: this is the assembly of a coursework folder (NEA) complete with a language investigation into a question of your choice, as well as a piece of writing for a precise audience and purpose.
Language in Society: topics include how children acquire language, how language changes over time, and how language can be altered for a vast array of different audiences and agendas.



How will I be assessed?

80% examination: Two papers
20% coursework



What careers would this course be useful for?

The study of English Language at A Level could help you venture into a degree or career in any job whereby strong communication and writing skills are needed such as: Advertising and Marketing, Journalism, Law, Consultancy, Media and Design, Business, Linguistics or Teaching.



Student Quote:

"English Language explores modern day issues and pushes you to widen your perspective; looking at thought-provoking theories and ideas. It is so different to the GCSE course and so much more enjoyable!"

For information, please contact:
DanielleLeahy@chellaston.derby.sch.uk



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about this course**



A Level English Literature



Course Summary

Areas of study throughout the two year linear course offer great diversity for any lover of literature. You will be given the opportunity to study renowned poets such as Keats and Larkin, as well as great playwrights like Shakespeare. To broaden your experience of literature, modern authors such as Kate Atkinson also feature in the course.



What will I have to study?

Literary genres: aspects of tragedy: Othello, Keats, Death of a Salesman

Texts and genres: elements of crime writing: When Will There Be Good News, The Murder of Roger Ackroyd

Theory and independence: exploration of critical methods and ideas such as; narrative theory; feminist theory; Marxist theory and postcolonial theory to name a few.

NEA (non-examined assessment): this is a study of two texts, one poetry and one prose and these will be informed by study of the Critical anthology. You will write two essays of 1250 – 1500 words.



How will I be assessed?

Examinations 80% Paper 1 (Tragedy) is a closed book exam and is worth 40% of the overall grade and Paper 2 (Crime) is an open book exam and also worth 40%.
Coursework 20%



What careers would this course be useful for?

The study of English Literature at A Level could help you venture into a degree or career in any job whereby strong communication and writing skills are needed such as: Sociology, Psychology, Theatre Studies, Law, Teaching, Journalism, Creative Writing or Linguistics.



Student Quote:

“This is an inquisitive subject that will enable you to develop your analytical skills while exploring meaningful literature. The lessons are full of discussion and will enable you to gain a deeper understanding of the concepts and theories.”

For information, please contact:
DanielleLeahy@chellaston.derby.sch.uk



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A Level Mathematics



Course Summary

The A-level Mathematics course consists of a two third weighting in Pure Mathematics one third weighting in Applied Mathematics. This is a challenging and rewarding course which will equip you with a range of transferable skills. The course in Mathematics will develop problem solving skills through the use of mathematical argument, language and proof and enable students to apply these skills in real-life situations through mathematical modelling.



What will I have to study?

In Pure Mathematics, your algebraic skills will be built upon and extended into many new areas not encountered at GCSE. The initial part of the course will develop topics within algebra that you have some experience in already including algebra, functions and graphs, equations and inequalities and trigonometry. New areas in Pure Mathematics encountered in the course will include methods of proof, sequences and series, exponentials and logarithms, vectors and calculus (differentiation and integration).

The third weighting in Applied Mathematics is itself split into two equal areas: Statistics and Mechanics (each contributing one sixth to the final qualification).

In Statistics you will meet ideas in sampling, representing and interpreting data, probability, statistical distributions and hypothesis testing. You will also be expected to become familiar with a large data set and perform a variety of statistical calculations from it, including the use of ICT.

Areas encountered in Mechanics will involve S.I. units and those derived from them, kinematics (the study of motion), forces and Newton's laws and moments. Vector methods will underpin many of these topics and there is a strong cross curricular link to Physics.

For information, please contact:
L.Roberts@chellaston.derby.sch.uk



How will I be assessed?

The A-level qualification will consist of three two hour papers covering the topics described in the summary. Paper 1 and Paper 2 cover Pure Mathematics and Applied Mathematics (Statistics and Mechanics) are assessed in Paper 3. Mathematical argument, language and proof, problem solving and mathematical modelling underpin all parts of the qualification. More detail can be found in the specification Edexcel Mathematics (9MA0).



What careers would this course be useful for?

The A-level in Mathematics is an ideal platform of many different degree course and jobs; indeed there would be very few subjects where it would not be useful. The analytical way of thinking fostered over the course and the problem solving skills you will develop are highly sought after skills in the modern world. There are many careers Mathematics lends itself to including Accountancy, Analysts, Construction, Computing and IT, Education, Engineering, Finance, Operational Research, Science and Technology to list just a few. Mathematics is at the heart of everyday life in just about every context imaginable.



Student Quote:

"Maths lays the foundations for all subjects and has transferable skills that have allowed me to excel in my other studies. It is a challenging yet rewarding subject that has pushed me to progress my academic ability!"



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A Level Further Mathematics



Course Summary

The Core content of the course, accounting for half the total content, covers a variety of new areas in Pure Mathematics not covered in the standard A-level in Mathematics. Topics include complex numbers, matrices, polar coordinates, and hyperbolic functions. Additionally, students will develop their knowledge of proof, algebra, functions, calculus, vectors, and differential equations; extending the work covered in the Mathematics qualification.



What will I have to study?

In applied Mathematics, units on Decision Mathematics and Further Statistics are covered and complete the four units required. In Decision Mathematics you will use algorithms and other methods to find efficient solutions to real-life problems and the techniques are applied in areas such as Business, Logistics and Computer Science. Statistical methods and techniques are also studied in a greater depth where different statistical distributions and methods to test a hypothesis will be covered.



How will I be assessed?

The course is linear meaning that you will be assessed in a series of examinations at the end of the course. The A-level qualification will consist of four 1½ hour papers covering the topics described in the summary: two papers cover Pure Mathematics, Core Pure 1 and Core Pure 2 and there are separate papers for Decision Mathematics and Statistics. More detail can be found in the specification Edexcel Further Mathematics (9FM0).



What careers would this course be useful for?

There are many careers Mathematics lends itself to including Accountancy, Analysts, Construction, Computing and IT, Education, Engineering, Finance, Operational Research, Science and Technology to list just a few. Mathematics is at the heart of everyday life in just about every context imaginable.



Student Quote:

"Studying further maths has helped me to really understand the subject and will hopefully make the transition from sixth form to university much easier, allowing me to hit the ground running!"

For information, please contact:
L.Roberts@chellaston.derby.sch.uk



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Level 3 Mathematics Studies – Core Maths



Course Summary

A course designed for Post-16 students who want to continue studying mathematics but not at AS or A level. It is a practical mathematical course focusing on real-life problems. The skills gained will supplement the mathematical elements studied in other A level subjects including; Geography, Sciences, Psychology, Business and Economics.



What will I have to study?

The course consists of 4 compulsory units:

- 3.1 Analysis of data
- 3.2 Maths for personal finance
- 3.3 Estimation
- 3.4 Critical analysis of given data and models

Followed by 3 optional units (chosen by the school):

- 3.5 The normal distribution
- 3.6 Probabilities and estimation
- 3.7 Correlation and regression
- 3.8 Critical path and risk analysis
- 3.9 Expectation
- 3.10 Cost benefit analysis
- 3.11 Graphical methods
- 3.12 Rates of change
- 3.13 Exponential functions

For information, please contact:
C.Siddons@chellaston.derby.sch.uk



How will I be assessed?

The course is assessed with two examinations at the end of the course. Both assessments are 90 minutes in length and worth 60 marks each.



What careers would this course be useful for?

Many technical and vocational qualifications and careers benefit from additional Maths qualifications. There are also many degrees and subjects that Maths may be required for such as Sciences, Computer Science, Economics, Engineering, Geography, Psychology, Medicine, Accounting, Business Studies and Sociology, (some of these subjects may require A level Maths so if in doubt check with the subject or a university)

For information, please contact:
C.Warden@chellaston.derby.sch.uk



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A Level Biology



Course Summary

Our A Level in Biology allows students to develop relevant practical skills alongside essential knowledge and understanding of a range of biological concepts and scientific methods. Biological mathematics and problem-solving skills are fully integrated into the teaching and learning.



What will I have to study?

Year 12:

- Foundations in Biology (cell structure, biological molecules, enzymes, cell division, biological membranes, nucleotides and nucleic acids)
- Exchange and Transport (exchange surfaces and transport in animals and plants)
- Biodiversity, Evolution and Disease (communicable diseases, biodiversity, classification and evolution)
- Practical Skills in Biology

Year 13:

- Communication, Homeostasis and Energy (photosynthesis, respiration, excretion, homeostasis, nerves, hormones and plant and animal responses)
- Genetics, Evolution and Ecosystems (cellular control, patterns of inheritance, manipulating genomes, cloning, biotechnology, populations and ecosystems)



How will I be assessed?

A level Biology is assessed through 3 exam papers at the end of the 2 years.



What careers would this course be useful for?

A wide range of careers including medicine, nursing, sports science, veterinary science, marine biology, physiotherapy, radiology as well as many science based apprenticeships. A Level Biology also develops skills that are vital in many non-science based careers .



Student Quote:

“Biology is a subject that allows you to understand the astonishing complexities of living organisms, changing your perspective on the world.”

For information, please contact:
F.Messom@chellaston.derby.sch.uk



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A Level Chemistry



Course Summary

Our A Level Chemistry qualification is a content-led course designed to develop theoretical and practical chemistry skills, knowledge and understanding..



What will I have to study?

Year 12:

- Foundations in Chemistry (Atoms, compounds, molecules and equations, amount of substance, acid-base and redox reactions, electrons, bonding and structure)
- Periodic table and energy (The periodic table and periodicity, Group 2 and the halogens, Qualitative analysis, enthalpy changes, reactions rates and equilibrium – qualitative)
- Core organic chemistry (includes basic concepts, hydrocarbons, alcohols and haloalkanes, organic synthesis, analytical techniques of IR and MS)
- Practical skills in Chemistry

Year 13:

- Physical chemistry and transition elements (Reaction rates and equilibrium – quantitative,
- Chemistry pH and buffers, enthalpy, entropy and free energy, redox and electrode potentials,
- transition elements)
- Organic chemistry and analysis
- Practical Skills In Chemistry



How will I be assessed?

A level Chemistry is assessed through 3 exam papers at the end of the 2 years.



What careers would this course be useful for?

With a qualification in Chemistry you could go on to Further or Higher Education, studying Chemistry or one of the other sciences or related subjects, or work in science based industry such as Chemical Engineering, Materials Science or Biotechnology. It is essential for the Medical Field, Pharmacy and Environmental Science. Chemistry is also a well-respected subject in its own right and suitable for entry into a wide range of professions.



Student Quote:

“The subject allows you to study in great depth; perfect for pushing your academic ability. Although there is a lot of content, the expertise of the teachers makes it a great learning environment”



For information, please contact:
K.Caulton@chellaston.derby.sch.uk



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A Level Physics



Course Summary

Our A Level in Physics, enables students to build on their knowledge of the laws of physics, applying their understanding to solve problems on topics ranging from subatomic particles to the entire universe. They also have the opportunity to develop all the relevant practical skills.



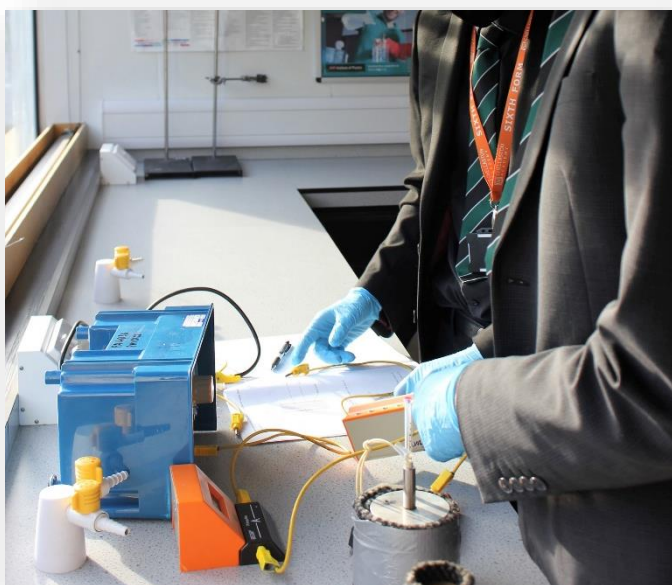
What will I have to study?

Year 12:

- Forces and Motion (scalars and vectors, statics, kinematics, forces in action, work, energy and power, material properties, Newton's Laws of motion and momentum)
- Electrons, Waves and Photons (charge and current, energy, power and resistance, electrical circuits, wave properties and examples and uses of waves. quantum physics, photoelectric effect and wave-particle duality)
- Development of practical skills in Physics

Year 13:

- Newtonian World and Astrophysics (thermal physics - properties of solids liquids and gases, circular motion, oscillations, gravitational fields and astrophysics, Big Bang theory and the possible futures of the Universe)
- Particles and Medical Physics (capacitors, electric fields, electromagnetism, nuclear and particle physics – sub atomic particle theories and radioactivity, medical imaging techniques including x-ray, ultrasound)
- Practical Skills in Physics



How will I be assessed?

A level Physics is assessed through 3 exam papers at the end of the 2 years.



What careers would this course be useful for?

A wide range of careers including engineering – mechanical, chemical, civil, aeronautical, electrical and apprenticeships, nursing, sports science, physiotherapy, radiology, maths, medicine, medical physics, architecture, or non-science based careers such as apprenticeships, economics or accountancy.



Student Quote:

"Physics is a subject that allows you to gain an understanding of how the world around you works. It has really improved my mathematical understanding too"

For information, please contact:
EmmaJepson@chellaston.derby.sch.uk



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Level 3 Extended Certificate in Applied Science



Course Summary

Applied Science enables students to gain practical laboratory skills and theoretical scientific understanding in a workplace setting. Students further develop their knowledge and skills by exploring one of three vocational pathways: environmental, human or food science.

You will develop professional and practical skills through carrying out real experiments and research, as well as theoretical knowledge and understanding to underpin these skills.

Students will also gain an understanding of the different types of scientific industries and settings plus how laboratory design can vary across organisations and sectors.



What will I have to study?

1. Science Fundamentals – including chemical and biological reactions, chemical structures of elements and compounds, cell organisation and structures, carbon chemistry and the properties and uses of materials
2. Laboratory Techniques – including the importance of health and safety, using aseptic techniques, separation of substances in a mixture, examining and recording features of biological samples, cations and anions in samples.
3. Control of Hazards in the Laboratory – including the use of health and safety procedures to minimise hazards in a laboratory and being able to design a safe functioning laboratory.
4. Product Testing Techniques – including looking at the influence of regulatory bodies on development of consumer products, how product testing determines the development of consumer products, being able to use quantitative titration techniques on consumer products and being able to use extraction and separation techniques on consumer products
5. Microbiology – including being able to classify and identify microorganisms, to look at the use of microorganisms in agriculture, being able to use microbiology in food production and to understand the action of antimicrobials on microorganisms



How will I be assessed?

Units 1 and 2 are assessed by external exams and marked by OCR. The other three units are internally assessed and moderated by OCR.

The whole qualification is graded Pass, Merit, Distinction or Distinction* information



What careers would this course be useful for?

The vocational style course includes the knowledge, understanding and skills sought after by a range of employers and Higher Education Institutions. This qualification can therefore lead to a wide range of degree courses, scientific jobs or apprenticeships including within the NHS, pharmaceutical companies, local councils, engineering firms or research opportunities.

For information, please contact:
A.Petrie@chellaston.derby.sch.uk



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about this course**



A Level History



Course Summary

History A-Level at Chellaston Academy covers a range of topics across different societies and periods. In Year 12 and 13 you cover Life in Tudor England 1529-1570, Life in Russia from 1855-1964 and then a topic of your choice for your coursework. Undertaking the latter provides an opportunity to study almost any aspect of history from any period. The A Level History course is also diverse in that it covers political, economic, religious and social aspects of the past. For example, you might look at the reasons why England began its reformation (religious) as well as the power struggle between young Edward VI and his Uncle Duke of Somerset (political), the struggles of the serfs in Russia (social) or the reasons why the USSR industrialised so quickly in the 1930s (economic).



What will I have to study?

Tudor England 1529-1570
Russia 1855 -1964
Independent study (coursework)

For information, please contact:
R.Donaghy@chellaston.derby.sch.uk



How will I be assessed?

80% of your course is exam based at the end of year 13 (40% For Tudor England c.1529-1570 and 40% Russia 1855-1964). 20% is a non-examined assessment. This is a 3000-3500 word essay based on independent research on a topic of your choice.



What careers would this course be useful for?

History A-Level requires skills in literacy and rewards those with analytical minds. In the past History students have gone on to do a range of careers. Some of the most popular have been law, journalism and teaching.



Student Quote:

“This subject gives you the ability to look at both sides of an argument and form an educated judgement, whilst learning about the fascinating history of a broad range of topics.”



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about this course**



A Level Politics



Course Summary

Politics A-Level at Chellaston Academy considers the development of democratic institutions and government in the UK and the USA. You will learn about the development of Parliamentary democracy in the UK, the way in which government functions and the process by which leaders are elected. Following this, you will turn your attention to the USA, aiming to understand how democracy developed in that country. You will compare the systems of government in the UK and US, looking for similarities and differences in the way Presidents and Prime Ministers are elected. Having studied the government and politics in both countries, you will complete a paper which looks at influential political ideologies such as Marxism, Liberalism and Socialism.



What will I have to study?

Paper 1: Government and Politics in the UK

Paper 2: Comparative study – government and politics in the USA.

As part of the above studies, the following areas will be covered:

- Constitutions – what are the rules governing how political systems operate?
- Executives – how do governments exercise power?
- Legislatures – how are laws made?
- Judiciaries – how are governments and institutions held to account?
- Elections – how do the likes of Boris Johnson and Joe Biden win power?
- Civil Rights – how are peoples' rights protected?

Paper 3: Political Ideas

The following ideologies will be studied:

- Liberalism
- Socialism/Marxism
- Conservatism



How will I be assessed?

The Politics A Level is 100% assessed through exams. Each paper (see left) will comprise of a 2 hour exam, where students will be tested on a range of essay questions, extract questions and shorter knowledge questions.



What careers would this course be useful for?

Other than being extremely important for careers in the political world, Politics A Level leads perfectly into a range of careers such as journalism, the legal profession and the Civil Service. The evaluative and analytical skills acquired transfer naturally into virtually all professional occupations.



Student Quote:

"Politics A Level allows me to understand the world in which I live, and gives me an appreciation of why our country functions and operates in the way it does today.

The course has enabled me to understand the Brexit era, the Trump Presidency and the strengths and weaknesses in our democratic systems."

For information, please contact:

V.Walker@chellaston.derby.sch.uk or
ConnorKelly@chellaston.derby.sch.uk



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A Level Geography



Course Summary

Geography at A level at Chellaston Academy follows the Edexcel specification. The course includes content on physical, human and environmental geography with a strong emphasis placed on Geographical skills such as fieldwork and data collection.

The course offers a mix of traditional Geographical concepts and theories along with new, fresh cutting-edge issues covering major developments in Geography that are dramatically shaping our lives. Geography at A level is very topical and includes many major world issues and topic events. An interest, along with good understanding and knowledge of politics, economics and science is beneficial.



What will I have to study?

1. Tectonic Processes and Hazards
2. Coastal Landscapes and Change
3. Globalisation
4. Regenerating Places
5. The Water Cycle and Water Insecurity
6. The Carbon Cycle and Carbon Insecurity
7. Superpowers
8. Migration, Identity and Sovereignty

Fieldwork is compulsory element of the course. Students can expect a combination of day trips and residentials including the option of a week of fieldwork in Iceland. In the UK students will visit Birmingham, Nottingham, a local rural environment and The Holderness Coast in Yorkshire.



How will I be assessed?

Assessment is through a mixture of examinations and one coursework project. The three examinations will account for 80% of the overall A level with the Non Examined Assessment (coursework) covering the remaining 20%.



What careers would this course be useful for?

Statistics from The Royal Geographic Society show that Geography graduates are amongst the most employable. The main careers are in management, administration, finance, mapping and tourism.



Student Quote:

"What is more relevant than geography? The engaging, thought-provoking and broad A level syllabus has invited me to develop my understanding of the wider, physical and human world in which we live in. Each lesson brings new concepts and topics which I believe are applicable in our everyday lives."

For information, please contact:
lanWalters@chellaston.derby.sch.uk



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about this course**





A Level French



Course Summary

These courses aim to encourage candidates to develop the knowledge and skills acquired at GCSE and use their language skills in a wide range of contexts. They will gain a useful insight into another culture and reflect on various aspects of contemporary society. In addition the course will enhance their employment prospects, facilitate foreign travel and improve their linguistic level.



What will I have to study?

- Social Issues and trends, such as the changing role of the cyber society and the place of voluntary work in today's world.
- Artistic culture and cultural heritage of the target language.
- Politics
- Grammar
- Work of literature
- Film



How will I be assessed?

The A2 exam will consist of three units.
Paper 1: Listening, reading and writing
Paper 2: Writing
Paper 3L Speaking



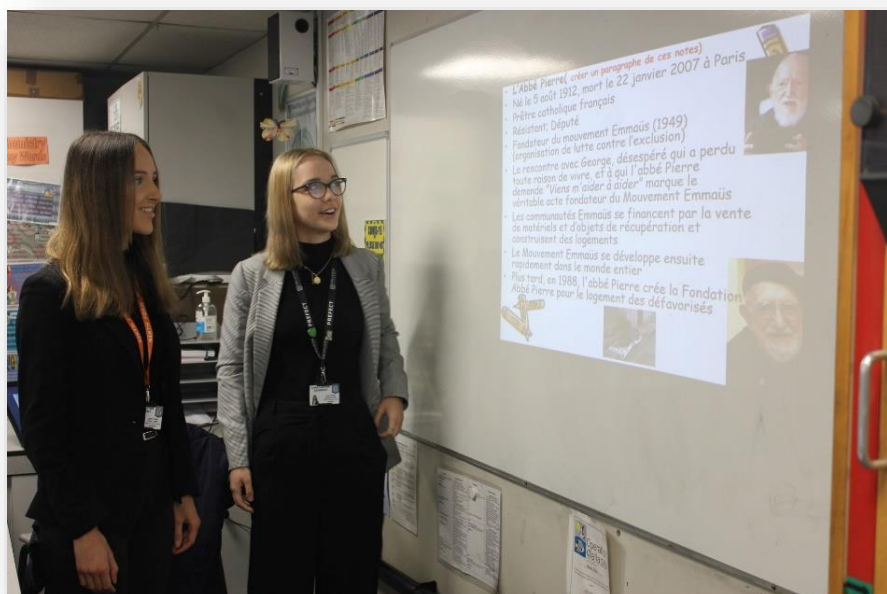
What careers would this course be useful for?

In addition to traditional careers in interpreting, translating, and teaching, a foreign language is sought after to accompany many courses in Further Education, for instance Law, and History. It can be studied further in combination with new subjects, for instance International Relations, Politics, Business and Marketing or in fact a new language such as Russian, Mandarin or Italian.



Student Quote:

“As well as learning how to speak a different language, French provides a course where you can educate yourself on the diverse culture of another country and opens your eyes to the importance of languages.”



For information, please contact:
K.Castro@chellaston.derby.sch.uk



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A Level Spanish



Course Summary

These courses aim to encourage candidates to develop the knowledge and skills acquired at GCSE and use their language skills in a wide range of contexts. They will gain a useful insight into another culture and reflect on various aspects of contemporary society. In addition the course will enhance their employment prospects, facilitate foreign travel and improve their linguistic level.



What will I have to study?

- Social Issues and trends, such as the changing role of the cyber society and the place of voluntary work in today's world.
- Artistic culture and cultural heritage of the target language.
- Politics
- Grammar
- Work of literature
- Film



How will I be assessed?

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Paper 1: Listening, reading and writing
Paper 2: Writing
Paper 3L Speaking



What careers would this course be useful for?

In addition to traditional careers in interpreting, translating, and teaching, a foreign language is sought after to accompany many courses in Further Education, for instance Law, and History. It can be studied further in combination with new subjects, for instance International Relations, Politics, Business and Marketing or in fact a new language such as Russian, Mandarin or Italian.



Student Quote:

"Modern foreign languages are ever increasing as the world becomes more interconnected. Spanish offers you the chance to experience a different culture whilst learning key aspects of the language. It is a fantastic subject that will open many doors for me in the future!"

For information, please contact:
E.Smithson@chellaston.derby.sch.uk



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A Level Computer Science



Course Summary

Computer Science is understanding in detail how computer systems work. Studying Computer Science at A level will give you a deep insight and understanding into aspects of computing from the microprocessor, to memory, storage, operating systems, network architectures and computer programming. At the end of the course you will have an excellent understanding of how the world around us functions with the use of technology.



What will I have to study?

Hardware, software, operating systems, computer programming and logic, algorithms, computer architecture, data and data representation, databases and software development.



How will I be assessed?

Course work worth 20% and two exams each worth 40%



What careers would this course be useful for?

A good foundation in Computing will enable you to follow one of a wide variety of career paths. Well qualified and skilled programmers are in great demand as shown in numerous surveys. A computing qualification is a good basis for work as a technician, computer engineer, software engineer, network administrator, software developer or programmer.

The course is also an excellent preparation if you want to study or work in areas that rely on the skills you will develop. These areas include engineering, design, financial and resource management, science and medicine.



Student Quote:

"Computing is a valuable subject that requires analytical thinking and problem-solving skills.

This A level has helped me to realise my immense my passion for the subject!"

For information, please contact:
A.Basi@chellaston.derby.sch.uk



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about this course**



Extended Certificate or Diploma in Digital Media



Course Summary

Wherever you are, digital media is playing an increasingly bigger role in the marketplace and in global culture. With outsourcing on the rise, you can work for a prestigious international company from just about anywhere. Digital media is in demand in our current climate. Career skills in demand include digital video, animation, audio, web design, graphic design, video and interactive multimedia, to name a few. Digital workers can find jobs in consulting, education, the arts, the media - new and traditional, marketing communications and training.

This digital media course gives you the opportunity through applied learning to develop the skills you need for a future in digital and interactive media. You'll have the opportunity to gain a wide range of technical skills from graphic design and game design to dynamic web development, and to combine these with vital critical thinking, research and analytical skills.

Do you have an interest in working with computers and the latest technology to create exciting and innovative digital material? Do you want an opportunity to be creative and be part of the digital future? If you are interested in understanding the development of media products, production and game development then this course may be for you



What will I have to study?

- Media products and audiences
- Pre-production and planning
- Creating a digital media product
- Social Media & globalisation
- Advertising media



How will I be assessed?

Extended certificate

3 exams and 2 elements of coursework

Diploma

3 exams and 10 elements of coursework



What careers would this course be useful for?

Digital media communications play a vital role for almost every organisation. This means that career opportunities are rich and varied. There is a wide range of careers in media including web design, social media analysis, content writing, online marketing, advertising, graphic design, project management and e-commerce. You can choose to further study this area at degree level or apply for an apprenticeship in your chosen area.



For information, please contact:

A.Basi@chellaston.derby.sch.uk



A Level Drama



Course Summary

Theatre Studies is a vibrant, dynamic, practical subject that explores the reasons for, effects of and types of Drama and Theatre in our culture. If you have an interest in Drama, Theatre or the Arts; if your career path relies upon successful communication skills, then this course will develop and inform both. It also looks at the social, psychological and interpersonal aspects of creative performance.



What will I have to study?

You'll study all aspects of theatre and the significance of each of the roles – directing, acting, playwriting and designing. You'll learn about the great theatre practitioners and apply their theories and methods to your own work. You'll explore a range of classic and contemporary texts across 3 components. Exploration of these will be both practical (as an actor and a director) and theoretical.

For information, please contact:

ChrisElliott@chellaston.derby.sch.uk



How will I be assessed?

You'll create and perform an original piece which you have devised from a text and inspired by a practitioner. This will be internally assessed. Written coursework will allow you to reflect on your devising process and will also be assessed internally and moderated externally. There will be a public performance of a monologue / duologue and group piece of text or you can offer a design presentation for this component. These are assessed by an external examiner. A final written exam at the end of A2 is based upon the practical exploration of two set plays and an analysis of a live performance you have seen.



What careers would this course be useful for?

This A Level links well with many other arts based or literature degrees but really can take you anywhere! The course prepares you for anything working with people such as social work, teaching, marketing and the healthcare professions including speech, drama and language therapy. Theatre develops many key skills but one of its strengths is that of communication and teamwork skills. Drama will prepare you for a presentation and meeting heavy career or where dealing with the public is essential.



Student Quote:

"A level drama is a fantastic subject! It has taught me how to be confident and use my creativity to raise awareness of current issues."



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about this course**





A Level Music



Course Summary

A level Music offers a course that explores and develops student's performing and compositional skills, as well as broadening knowledge of a range of musical styles and building musical literacy. There is a natural progression from KS4 music that provides a real focus on elements, contexts and language, extending prior knowledge and exploring new musical ideas. If you have the desire, enthusiasm and commitment to develop your holistic understanding of music through practical skills and a study of diverse musical material, then this course is for you.



What will I have to study?

The Course is split into three separate units:

Unit 1 – Performance

Unit 2 – Composition

Unit 3 - Appraisal



How will I be assessed?

Performance - 30% *Non-examined assessment: externally assessed*

Composition – 30% *Non-examined assessment: externally assessed*

Appraisal – 40% *Written examination (2 hour paper)*



What careers would this course be useful for?

Having an A level qualification in Music is essential for those who are intending to study Music at higher education level, whether that is through a conservatoire or University with Music as a main or subsidiary subject, or as part of a creative and performing arts course. Music can lead to many different professions in the arts, such as:

- Performing
- Composing/arranging
- Instrumental/classroom teaching
- Arts administration
- Music Therapy
- Music Journalism
- Broadcasting
- Music Publishing
- Music Producing/Engineering



For information, please contact:
ChrisElliott@chellaston.derby.sch.uk



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A Level Fine Art



Course Summary

If you enjoy working creatively, if you are good at using a variety of art and design materials and you enjoy studying other artists' work, you will do well in this subject.



What will I have to study?

Exploration and experimentation of materials and techniques. During Year 12, this will include a Personal Investigation into a range of contemporary and historical artists and movements, as well as your own practical work and ideas. In Year 13, you will then complete an examination project, that enables you to continue your ability to explore, analyse and create.



How will I be assessed?

Your A Level is broken into two segments, 60% personal investigation and 40% examination project. To summarise your A Level, work will be assessed through the end of year examination project. This will be launched in February during Year 13. Coursework and the examination projects are internally assessed and externally moderated as in GCSE.



What careers would this course be useful for?

Computer and Game Design, Photography and Photo-Journalism, Advertising, Art Direction (Film and TV), Textile Design and Interior Design, Fashion Design and Retail, Website Design, Print Design and Production (Newspaper and Magazine), Automotive Design, Industrial Design, Picture Libraries, Visual Merchandising, Jewellery Design, Ceramic Design and Ceramicist, Designer/maker (own business), Fashion Illustration, Set Design, Costume Design, Package Design, Architecture, Landscape Gardening



Student Quote:

"Fine Art is a really great subject that allows you to express your views on society in an authentic, creative way. I have also seen my skills improve so much over the course and I am proud of the work that I produce"

For information, please contact:
hannahbailey@chellaston.derby.sch.uk





BTEC National Diploma in Art and Design



Course Summary

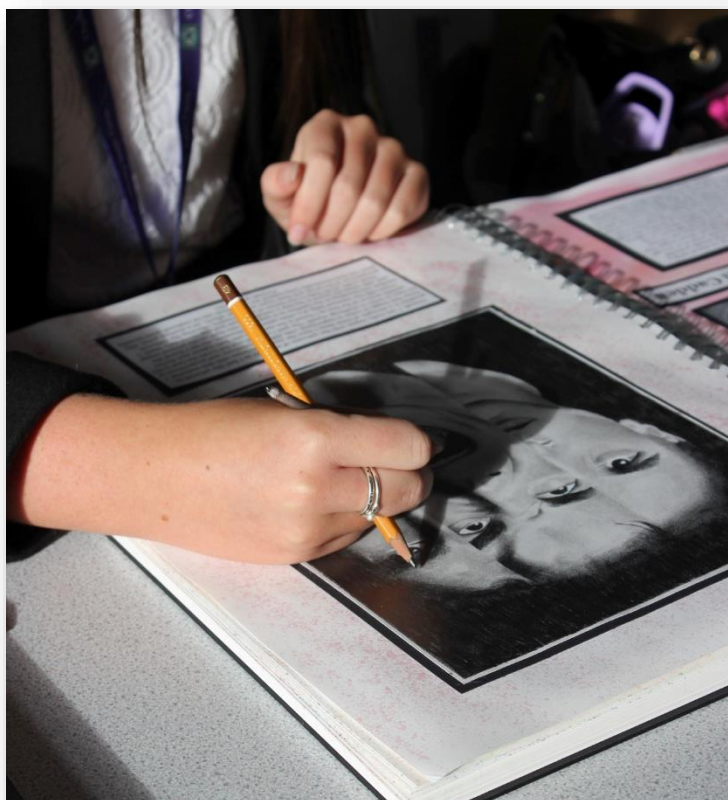
You will develop your skills in Art & Design and broaden your knowledge of Art, Craft Design and Art related industries. If you want to pursue a career in Art and Design this is the course for you.



What will I have to study?

You will develop your Art, Craft & Design skills including:

- Drawing and Painting and Mixed Media
- Photography and Digital Imaging
- Print Making
- 3D Resistant Materials
- Graphics
- Textiles
- The History of Art and Design
- The Art and Design Industry
- Decorative Imagery
- Visual Communication
- You will carry out Units of work involving short projects and longer assignments.



How will I be assessed?

The Edexcel BTEC Level 3 Diploma in Art and Design is a 120 credit qualification with 720 guided learning hours that consists of 8 different units that combine to provide 120 credits. This course is the equivalent of two A-levels and provides the same amount of UCAS points. Work will be graded Pass, Merit, Distinction and Distinction*.



What careers would this course be useful for?

Computer and Game Design, Photography and Photo-Journalism, Advertising, Art Direction (Film and TV), Textile Design and Interior Design, Fashion Design and Retail, Website Design, Print Design and Production (Newspaper and Magazine), Automotive Design, Industrial Design, Picture Libraries, Visual Merchandising, Jewellery Design, Ceramic Design and Ceramicist, Designer/maker (own business), Fashion Illustration, Set Design, Costume Design, Package Design, Architecture, Landscape Gardening



Student Quote:

"This is a versatile subject that allows you to experiment with different materials and explore your creative ability."

For information, please contact:
hannahbailey@chellaston.derby.sch.uk





A Level Physical Education



Course Summary

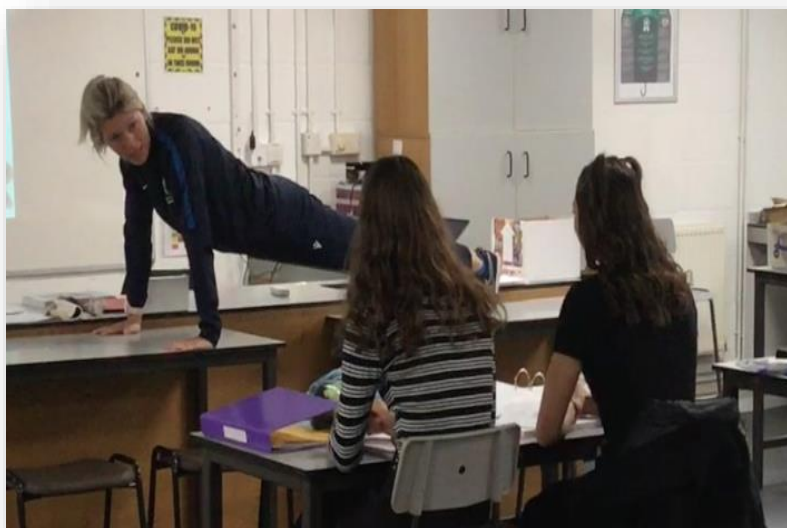
OCR A-level PE is a holistic qualification designed to provide students with an excellent understanding and application of sports science. Over the two years students will gain the knowledge and skills within seven different areas: Anatomy and Physiology, Exercise Physiology, Biomechanics, Sports Psychology, Skill Acquisition, Sports Sociology, History of Sport and Sports Analysis. There is also a strong practical performance element that will require students to participate in competitive sport outside of lessons.



What will I have to study?

- Applied Anatomy and Physiology
- Biomechanics
- Sports Psychology and Skill Acquisition
- Socio-cultural issues in Physical Activity and Sport
- Sports Performance and Analysis Skills

For information, please contact:
T.Howard@chellaston.derby.sch.uk



How will I be assessed?

At the end of the two years students will sit three written exams: Paper one is two hours long and covers; Applied Anatomy and Physiology, Exercise Physiology and Biomechanics. Paper two is one hour long and covers Sports Psychology and Skill Acquisition. Paper three is also one hour long and covers Socio-cultural issues in Physical Activity and Sport. Towards the middle of the second-year students will be assessed on their practical sport, they will create a recording of their ability to perform all the required skills in isolation and within competition. Finally, students will be assessed on sports analysis skills through the means of a live oral presentation.



What careers would this course be useful for?

An A-level in PE will open you up to a wide variety of career pathways, such as Physiotherapist, Sports Coach, Sports Nutritionist, Personal Trainer, Sports Commentator, Sports Psychologist, Sports Development Officer or a Teacher of Physical Education to name but a few.



Student Quote:

"PE has allowed me to combine my love for sport as well as giving me the knowledge and skills to understand more about physiology and the science behind how our bodies function."



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Cambridge Technical in Sport and Physical Activity



Course Summary

This is a vocational course that will provide students with a mix of exam based learning and hands on experience through course work within the world of sport. Over the two years students will gain the knowledge and skills within five different areas: Body Systems and the Effects of Physical Exercise, Sports Coaching and Activity Leadership, Sports Organisation and Development, Biomechanics and Movement Analysis and Sports Injuries and Rehabilitation..



What will I have to study?

- Body Systems and the Effects of Physical Exercise
- Sports Coaching and Activity Leadership
- Sports Organisation and Development
- Sports and Exercise Psychology
- Sports Injuries and Rehabilitation

For information, please contact:
T.Howard@chellaston.derby.sch.uk



How will I be assessed?

Assessments take place at various stages throughout the two years. The first assessment, Sports Coaching and Leadership, is coursework based and will be completed by Easter in the first year. The second assessment, Body systems and the Effects of Physical Exercise, is a 90 minute exam taken in May of the first year. The final year consists of two pieces of coursework and one exam: Biomechanics which will be completed by February half term and Sports Injuries which will be completed by May half term. The exam, Sports Organisation will be taken in the January. Students will therefore have an overview of their progress towards their final grade as the two years progress. This qualification is measured in Pass, Merit, Distinction and Distinction*.



What careers would this course be useful for?

A CTEC in Sport and Physical Activity will open you up to a wide variety of career pathways, such as Sports Coach, Sports Nutritionist, Personal Trainer, Sports Commentator, Sports Psychologist, Sports Development Officer or a Teacher of Physical Education to name but a few.



Student Quote:

"A great alternative to PE, which allows you to get additional qualifications, such as coaching and first aid training. It's a practical and enjoyable subject, that unifies sport and learning!"



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about this course**



A Level Religious Studies



Course Summary

The study of Religious Studies underpins the study of many other subjects. You cannot truly understand history or politics without understanding where these ideas come from. Religious Studies gives context to other areas of study but it also provides essential skills that universities and employers will be seeking such as being able to analyse arguments from a range of different perspectives, and think critically. It combines well with subjects such as English, Psychology, Politics and History, to Maths, Physics and Biology.



What will I have to study?

There are three themes you will cover, over two years.

Philosophy of Religion:

This part of the course involves evaluating the views of influential philosophers and asks questions about the nature of belief; can we prove or disprove the existence of God? Why does evil exist? Where does the conscience come from? Is there life after death?

Religious Ethics:

This involves asking questions about moral behaviour; can positive consequences justify any actions? Do you have a duty to behave a certain way? Is there such a thing as right and wrong? These ethical ideas are then applied to moral issues such as abortion, genetic engineering and euthanasia.

The Study of a Religion:

This element of the course involves exploring religious belief and practices in one religion, Christianity.



How will I be assessed?

You will be assessed by three written examinations at the end of Year 13. There is no coursework element.



What careers would this course be useful for?

A Level Religious Studies can lead to a degree course in any subject. It is particularly useful for degrees in Religious Studies, Theology, Politics, Philosophy, Law, Psychology, English, Medicine and History. The importance of studying Ethics is growing fast. It would certainly be beneficial to people who are considering any career that involves working with people in the areas of healthcare, communication, personnel and the management field. Past students have used their qualification to enter professions such as Teaching, Nursing, Social Work, Law, Medicine and Politics.



Student Quote:

“Religious Studies has really helped to develop my debating skills, through learning about a range of diverse cultures and religions. It’s an incredibly fascinating subject that has helped me to expand my horizons!”

For information, please contact:
ClaireBuckle@chellaston.derby.sch.uk



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A Level Psychology



Course Summary

Psychology is the study/science of the mind, behaviour and experience. In psychology we try to answer fundamental questions such as:

- Why might eyewitness testimonies be inaccurate?
- How can we try to reduce stress?
- How does a child's gender identity develop?
- What causes schizophrenia?
- Which research method is best to use to investigate any given behaviour?

The aim is to go beyond the popular approach to psychology, taking a more academic route towards an understanding of the various theoretical perspectives and the different methods of studying behaviour.

There is also the opportunity for students to apply the theories and issues learnt in Psychology to significant historical events on departmental trips, such as the residential trip to Poland (visiting Auschwitz).



What will I have to study?

Y12 Psychology: Social influence, Memory, Attachment, Psychopathology, Approaches, Biopsychology and Research Methods.

Y13 Psychology: Research Methods, Issues & Debates, and 3 topics chosen from:
Relationships / Gender / Cognition & Development
Schizophrenia / Eating Behaviour / Stress
Aggression / Forensic Psychology / Addiction

For information, please contact:

V.Walker@chellaston.derby.sch.uk or
ConnorKelly@chellaston.derby.sch.uk



How will I be assessed?

Paper 1: Introductory Topics in Psychology – multiple choice, short answer and extended writing questions (A-Level 2hrs)

Paper 2: Psychology in Context - multiple choice, short answer and extended writing questions (A-Level 2hrs)

Paper 3: Issues & Options in Psychology - multiple choice, short answer and extended writing questions (A-Level 2hrs)



What careers would this course be useful for?

A number of professions (teaching, educational psychology, health psychology, clinical psychology, industrial/occupational psychology, forensic or legal psychology, sport psychology, speech therapy). It is especially relevant to any of the professions involving working with people (e.g. medicine, social work, personnel management, police etc.). A-level Psychology is also accepted as an entry qualification to most professions (e.g. accountancy, law etc.) as well as to Higher Education courses, which could lead to pure/ academic/applied research. (It may also count as a science for University entrance.)



Student Quote:

"It's a thoroughly enjoyable subject that delves into the reasons behind our thoughts and emotions. The teaching staff are incredibly supportive and the knowledge that I have learnt will really help me in my desired career as a child psychologist."



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A Level Sociology



Course Summary

The aim of AS/A-level Sociology is to go beyond common sense explanations, taking a more academic approach towards an understanding of various theoretical perspectives and different research methods. If you are interested in society, if you have an enquiring mind and you want to examine how we live today, then Sociology is for you. There is also the opportunity for students to apply the theories and issues learnt in Sociology to significant historical events on departmental trips, such as the residential trip to Poland (visiting Auschwitz).



What will I have to study?

A wide range of topics will be taught from the AQA Sociology specification:

- Families and Households
- Education
- Beliefs in Society (Religion)
- Crime and Deviance
- Theory & Methods

For information, please contact:

V.Walker@chellaston.derby.sch.uk or
ConnorKelly@chellaston.derby.sch.uk



How will I be assessed?

Paper 1: Education with Theory and Methods – short answer and extended writing questions (2hrs)

Paper 2: Topics in Sociology - extended writing questions (2hrs)

Paper 3: Crime and Deviance with Theory and Methods - short answer and extended writing questions (2hrs)



What careers would this course be useful for?

In Higher Education, almost all British Establishments offer Sociology both as a single honours degree subject and in combination with other subjects, which could lead to pure/academic/applied research. Vocationally, sociology is considered an advantage in occupations involving dealing with people, (and can be part of the training required to enter such professions) e.g. management, teaching, the police force, nursing, social work, public administration, politics, journalism and advertising.



Student Quote:

“Sociology explores the wider issues of the world and explores a diverse range of themes, such as relationships, race, social class and religion. It is a very engaging subject that will give you an alternate perspective on human society.”



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about this course**



A Level Business



Course Summary

You will study a wide range of businesses and how they are influenced by managers, employees, customers, suppliers and the Government. You will investigate all aspects of business, from setting up to marketing, keeping accounts and motivating staff. You will have the opportunity to visit real businesses both in the UK and abroad, in order to apply the theory to the real world.



What will I have to study?

Year 12:

What is business?

Managers, leadership and decision making.

Decision making to improve marketing performance.

Decision making to improve operational performance.

Decision making to improve financial performance.

Decision making to improve human resource performance.

Year 13:

Analysing the strategic position of a business.

Choosing strategic direction.

Strategic methods: how to pursue strategies.

Managing strategic change.



How will I be assessed?

A level Business is assessed through 3 exam papers at the end of the 2 years



What careers would this course be useful for?

It will allow you the flexibility of moving into many different careers such as public relations, accountancy, journalism, or even starting up a business.



Student Quote:

“Business Studies provides an essential life skill that will still be relevant when you leave school, opening many doors for the future.”

For information, please contact:

C.Randall@chellaston.derby.sch.uk



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about this course**



A Level Economics



Course Summary

Economics is a subject for all those people who take an interest in, and wish to understand more about the world around them. Economics is the study of how people choose to use scarce resources.



What will I have to study?

The operation of markets and market failure:

1. Economic methodology and the economic problem
2. Price determination in a competitive market
3. Production, costs and revenue
4. Competitive and concentrated markets
5. The market mechanism, market failure and government intervention.

The national economy in a global context

1. The measurement of macroeconomic performance
2. How the macroeconomy works: the circular flow of income, AD/AS analysis, and related concepts
3. Economic performance
4. Macroeconomic policy

For information, please contact:
C.Randall@chellaston.derby.sch.uk



How will I be assessed?

Paper 1: Markets and market failure

Section A: data response questions requiring written answers, choice of one from two contexts

Section B: essay questions requiring written answers, choice of one from three

Paper 2: National and international economy

Section A: data response questions requiring written answers, choice of one from two contexts

Section B: essay questions requiring written answers, choice of one from three worth

Paper 3: Economic principles and issues

Section A: multiple choice questions

Section B: case study questions requiring written answers



What careers would this course be useful for?

Economists have useful insights into a wide range of issues, which is why graduates are highly sought by organisations from a variety of sectors such as the Government, private firms, Law accountancy and banking.



Student Quote:

"Economics was an excellent A level choice for me as it has allowed me to develop my critical thinking and has prepared me for my future career in business management"

”



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about this course**





A Level Product Design



Course Summary

The new A Level Product Design course will give you the opportunity to design and make solutions to a range of problems.

This is a two year course with all assessments taken in the final year.

You will use your drawing skills to communicate your ideas and develop your CAD skills to make realistic products on screen.

You will be given the chance to use a wide range of tools and equipment in the workshop to help enhance your manufacturing skills while making prototypes and working products.

You will study a wide range of materials as well as look at famous designs from the past and present. This course also has an element of Maths which will be assessed in both exam papers. This will require you to apply your skills when answering questions with regards to sizes of materials, weights, densities and volumes, etc.



What will I have to study?

Technical Principles
Designing and Making Principles
Mathematical skills in the context of Design & Technology
Product design and manufacturing

For information, please contact:

W.Allen@chellaston.derby.sch.uk



How will I be assessed?

There will be two exams to sit at the end of Year 13.

Paper 1 Technical Principles – 2 hour 30 min = 30%

Paper 2 Designing and Making Principles – 1 hour 30 min = 20%

15% of the marks in the exam assess Mathematical skills in the context of Design & Technology

The NEA (Non-exam Assessment) – this is a 45 hour project requiring a design folder and a product to be manufactured = 50%



What careers would this course be useful for?

After studying this course you may want to consider a future in the following courses:
Design related course e.g. Industrial Design, Product Design, Three Dimensional Design, Interior Design, Architecture, Graphic Design, Automotive Design, Packaging



Student Quote:

“The product design A level offers a professional and welcoming environment. With the school specialising in design and technology, there is an incredibly wide range of equipment that we are trained and trusted to use. Additionally, there are a number of different projects that you are able to complete, that will help you to grow in your confidence and ability.”



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Extended Certificate or Diploma in Health and Social Care



Course Summary

Health and Social Care is one of the fastest growing sectors which means that health courses have excellent graduate employability rates because they are in high demand. The level 3 course allows you to develop skills in a wide range of potential career possibilities and an excellent progression to study at Level 4/5 at university. Courses and careers you can progress onto include: Counselling, Paramedic and job roles in the NHS, Dentist technician, Health Promotion, Educational support work, Social Work specialising in children early years teacher, adults with additional needs, older service users etc, Probation and Police, Youth and Community Work, Nursery Nurse and Child Care and many more within this sector.



What will I have to study?

- Building Positive Relationships in Health and Social Care,
- Equality, Diversity and Rights in Health and Social Care,
- Health, Safety and Security in Health and Social Care,
- Anatomy and Physiology for Health and Social care
- Nutrition for Health
- Sexual health, reproduction, and early development stages.

For the Diploma you will study six additional units.

For information, please contact:
F.Miller@chellaston.derby.sch.uk



How will I be assessed?

For the Extended Certificate :

- Three centre assessed mandatory coursework units, moderated externally.
- Three externally examined units.

For the Diploma:

- Seven centre assessed mandatory coursework units, moderated externally.
- Five externally examined units.



What careers would this course be useful for?

Health and Social Care is useful in over 350 careers in Health, Wellbeing and Social work. This subject has strong links to the following career and degree areas: speech and language therapy, physiotherapy, nursing, midwifery, teaching, early year's education, and social work. There are also a number of degree courses for anyone wanting to work with children from birth to five years of age, and provide practitioners with the full and relevant status of being an Early Years Educator.



**Click Me to find out more
about this course**



Extended Project Qualification (Level 3) - EPQ



Course Summary

The EPQ gives you the opportunity to take part in a university-style research project where you choose the topic. The project chosen could be linked to your A level subject choices, your career aspirations, or an area of personal interest.

You can choose to produce a 5000 word dissertation style report **or** create an artefact with an accompanying report.

If you undertake the EPQ you will have to complete a production log and give a short presentation about your project. The production log records specific stages of the project and provides details of your research, planning, decision making and reflection to the examiner.



What will I have to study?

By taking part in this qualification you will gain vital skills for university and employment such as how to:

- Research and evaluate sources.
- Manage time and plan effectively.
- Reference sources.
- Present effectively.



How will I be assessed?

You will be assessed on your ability to plan and manage the project, the quality of your research, the final written report or artefact, and how you review the project. The EPQ is assessed by an assessor within our academy and moderated by AQA. You will be awarded a final grade from A*- E. The EPQ is worth 28 UCAS points (the equivalent of half an A level) and many universities now offer reduced entry with an EPQ.



What careers would this course be useful for?

The EPQ supports movement into virtually any career path due to the independent study skills it generates. The EPQ is a good way to show universities and employers how passionate you are about your chosen subject or career. The projects chosen can be discussed in personal statements and at interview. There is significant research that suggests students with EPQs achieve higher A level grades and better university grades than those without.



For information, please contact:
saradrake@chellaston.derby.sch.uk



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about this course**



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