

HAWARDEN
6th
FORM

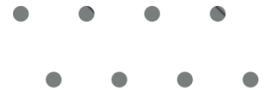


Hawarden High School
Ysgol Uwchradd Penarlâg

PROSPECTUS
2026-28



Hawarden High School
Ysgol Uwchradd Penarlâg



Year 12 Option Choices

2026-2028

“Learn to succeed” - “Dysgu i lwyddo”

Croeso – Welcome

Sixth Form is a wonderful opportunity for growth in our young people; here at Hawarden Sixth Form we have achieved the delicate balance in allowing our students take the steps towards independence whilst supporting them every step of the way.

The pastoral team are experts at supporting students with the transition and offer personalised guidance to each individual within their form. The strength of relationship formed between tutors and students creates a unique sixth form family and community.

The academic success of our students consistently places us in the top 10% of schools and colleges within the UK. Subject specialist teachers deliver high quality lessons and activities which allows students to achieve their full potential. Teachers provide targeted support to students when required and ensure they make excellent progress throughout the course.

It is vital to us that we continue to develop each student holistically and provide a wealth of opportunities and experiences on a regular basis.



Mrs I Birch
Assistant Headteacher

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STATEMENT FROM OUR HEAD STUDENTS

Hawarden High School offers a nurturing and supportive learning environment where students from all year groups are able to experience a wide range of subjects and find what it is they are enthusiastic about. This carries on into Sixth Form, where the excellent form tutors, A-level teachers, and our Head of Sixth Form encourage us to follow our passions and plan careers.

The school offers a high standard of teaching, and teachers go above and beyond to help students. Apart from the well-planned lessons and structured presentation of content, revision sessions are run outside of lessons and revision resources are made available to ensure that students have everything they need to learn content and prepare for exams.

Sixth Form isn't just about academics though. As well as university open days and UCAS exhibitions, there are countless opportunities to get involved in extra-curriculars and community events, allowing students to develop skills they wouldn't gain from classroom learning alone. From sports clubs, the Bar Mock Trial Team and choir, to Tîm Iaith, SNAG and the LGBTQ+ Ambassadors, there are so many experiences students can have alongside their studies. As Head Students, we lead the brilliant Sixth Form Leadership Team, which is made up of Year 13 students, and meets weekly to discuss ways we can improve Sixth Form, fundraising ideas, plans for events, fun activities for Sixth Form and much more. Year 12 students get involved too, as form-representatives attend a meeting each half-term.

Student voice is very central to Hawarden High School and especially the Sixth Form, where students are given more responsibility and are able to take on projects they are passionate about within school. For example, we have been able to run several successful fundraisers, including a MacMillan Coffee morning, and a Year 7 Disco to raise money for Nightingale House Hospice, Medical Aid for Palestine, North Clwyd Animal Rescue, and Community Hands. We have also worked on making REACH lessons and assemblies, and are currently planning the Leavers' Dinner for Year 13.

Hawarden High School also has a dedicated Sixth Form Centre. Within this space, there is a computer room, a common room, a quiet study room, and a boardroom. We have a television, a coffee machine, a kitchen area with a microwave, and as of this year we have a Sixth Form hotplate which we can order food from the canteen to, reducing canteen queues and making lunchtimes run more smoothly.

Overall, it has been a privilege to be part of the Hawarden High School community for 7 years of our lives. It is so much more than 'just a high school' or 'just a sixth form'. It has truly shaped us as people. and we are extremely grateful that it has helped us to prepare ourselves for our next steps in life.



ASPIRING

Our students are always encouraged to look to the future and build a vision of who they'd like to become. Through our REACH lessons, university trips, subject trips, guest speakers, lectures and talks we expose them to careers and industries, help students to build aspirational goals for themselves and identify the steps required to get there.

Our dedicated Seren Network Coordinator supports Seren students to pursue all activities on offer. These are wide ranging, from trips to university campuses, specialist subject lectures and workshops for personal statement writing, to tutorials and guidance on securing a place at well-respected universities such as Oxford and Cambridge.



GUIDING

We provide a wealth of support in guiding our students to achieving their aspirational goals. Whether they wish to go to university or secure an apprenticeship we know exactly how best to get them there. Our small tutor groups allow form tutors to build strong relationships with students; they are consequently able to personalise the support offered to students whilst at Hawarden 6th.

Once students have established their future goals, we then make the steps to achieving it manageable. We offer:

- the encouragement and belief in our students, so they may be aspirational
- an open evening for parents and students on the process of applying to university or for apprenticeships
- a visit to the UCAS exhibition, and follow up guidance on attending university open days
- bespoke support and detailed feedback on improving applications
- personalised and detailed references
- mentoring, pastorally and academically
- mock interviews with industry leaders and university admissions officers
- careers advice and talks from alumni students
- talks from Student Finance Wales to explain funding options for university
- one week work experience in the summer of year 12 in preparation for UCAS/apprenticeship applications
- opportunities and experiences which will make you stand out on your applications
- the opportunity to participate in a two-week work experience, all expenses paid, trip to Marbella, Spain



LEADING



Developing the qualities of leadership is a journey which each individual will take at their own pace. At Hawarden sixth we recognise this and endeavour to provide opportunities for every student to become a leader.

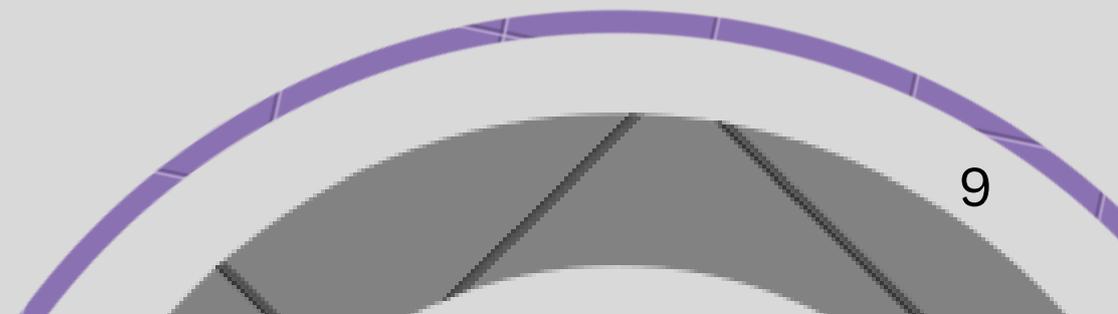
Our Sixth Form Leadership Team is composed of: Head Students, Deputy Head Students, Senior Prefects and Prefects, and all students are encouraged to apply for these positions. The team work collaboratively to organise a huge variety of activities; from fundraising, campaigning for improved mental health provision, to organising events such as the Remembrance Service in school. Our head students chair the school's Senedd and are prominent in leading on pupil's voice for the whole school community.

Community is a foundation upon which our Sixth Form is built, and this gives our students another opportunity to enhance their leadership skills; running extracurricular clubs, becoming role models in supporting the literacy and numeracy development of younger pupils, running lunchtime groups around their hobbies and interests, and volunteering within primary schools and sports clubs.

CELEBRATING

Every student is a valued member of our Sixth Form family and we are keen to celebrate their successes throughout their time here. We celebrate each term in assemblies and at the end of the academic year, and reward all our hardworking students with fun trips each term, and the chance to unwind together.

We work closely with Hawarden Community Council and Rotary International to offer our students a bursary for university and the opportunity to participate in RYLA (Rotary Youth Leadership Award).



Important Dates

Thursday 26th February

Our open evening, commencing at 6pm, will launch the options process for A levels

Thursday 26th February

The options website will be launched

Friday 27th February

Applications to Sixth Form open on the website

Friday 27th March

9pm deadline for applications to Sixth Form

March - April

Every pupil in Year 11 will be invited to an interview, with a member of SLT or the Sixth Form Team, to assist them with their future education and careers options

May-June

Pupil's options are confirmed, in a minority of cases where there is a clash with options this will be discussed with the pupil

Monday 29th June -
Tuesday 30th June

All pupils who have applied for a place in Sixth Form will be invited to our 'options taster day' where they attend lessons for their chosen subjects. Following this they may choose to change some options

Thursday 20th August

On GCSE results day pupils are required to give final confirmation for their place and options, ready for September



Advanced Skills

Baccalaureate

The Advanced Skills Baccalaureate qualification supports learners to become effective, responsible, and active citizens ready to take their place in a sustainable global society and in the workplace by developing their skills of: Planning and Organisation; Critical Thinking and Problem Solving; Creativity and Innovation; and Personal Effectiveness (the 'Integral Skills'). It supports progression from the development of the Integral Skills at level 2, supporting progression to higher education, apprenticeships, training, and employment.

Through completing the Advanced Skills Baccalaureate qualification, learners will further develop their skills of Literacy, Numeracy, and Digital Competence (the Embedded Skills). They will develop an appreciation of the importance of skills development as a key aspect of life-long learning. They will engage in active, creative, and learner-led opportunities, enquire and think for themselves, plan, make choices and decisions, solve problems, and reflect on and evaluate these. They will develop initiative, independence, and resilience by work independently, taking on responsibilities, and working effectively with others.



The Advanced Skills Baccalaureate Qualification will now consist of three challenges:

- Global Community Project (25%)
- Future Destinations Project (25%)
- Individual Project (50%)

All learners are required to undertake the Advanced Skills Baccalaureate qualification.

Benefits:

The Advanced Skills Qualification is equivalent to an A level and carries the same UCAS points as an A level for gaining entry onto university courses.

Course Leader: Mr O Jones

Art & Design

This course is intended to meet the requirements of students who wish to progress to study Art in college or university and is the perfect pathway to undertake an Art Foundation Course. While it is an advantage to have studied Art at GCSE level, this is not essential.

The A level course requires a questioning mind, and a student who is not afraid to experiment creatively. An enthusiasm for the subject is important as well as an interest in and enjoyment of art, craft and design. The aim of the course is to help individuals think more independently as well as encouraging and promoting their intellectual, imaginative, creative and intuitive development.

The course will require students to:

- be investigative, analytical, experimental, practical, technical and expressive skills, using aesthetic understanding and critical judgement
- have independence of mind in relation to developing their own ideas, refining their own intentions and personal outcomes
- gain experience of working with a broad range of media, including traditional and new media and technologies
- have an understanding of the interrelationships between art, craft and design processes and an awareness of the contexts in which they operate
- develop knowledge, understanding and application of art, craft, design and media and technologies in contemporary and past societies and cultures
- have an awareness of different roles, functions and audiences and consumers of art, craft and design practice
- have experience of having studied a creative subject at GCSE is desired for Art and Design



Entry criteria:

GCSE Art and design study preferable but not essential.

Course Leader: Miss C Williams

Biology.

The study of biology provides students with an insight into the living world. The wide breadth of topics includes understanding of the internal workings of organisms in physiology and the interdependence of living things in ecology, social issues including human influence on the environment and the ethical considerations of genetics.

An investigative approach is promoted throughout the course, developing practical skills as well as an understanding of the scientific method. Through this practical work, students will develop an enquiring and critical approach that is applicable to their own data, the work of others and information available in the subject of biology and beyond.

The course will require students to:

- develop essential knowledge and understanding of different areas of biology and how they relate to each other
- develop and demonstrate a deeper appreciation of the skills, knowledge and understanding of the scientific methods used in biology
- develop competence and confidence in a variety of practical, mathematical and problem-solving skills
- develop interest and enthusiasm for biology, including developing an interest in further study and careers associated with the subject
- appreciate how society makes decisions about biological issues and how biology contributes to the success of the economy and society
- apply mathematical skills to interpret and analyse data that they collect or are presented with



Entry criteria:

If you have studied separate sciences at GCSE: Biology Grade B or above, including a grade B or above in the year 11 exam element.

If you have studied double award science: Grade BB or above overall, with a grade B or above in the year 11 biology exam element .

GCSE English Language and Mathematics, Grade B or above.

Course Leader: Miss J Simon

Business

This is a popular AS/A2 course with students who wish to pursue either a degree course, set up their own business or are simply looking for a stimulating and challenging course that has relevance to everyday life.

The course will focus on the dynamic nature of the contemporary business world, providing opportunities for research into topical business issues and offering opportunities for the development and application of a full range of academic skills.

The course will require students to:

- apply numerical skills in a range of business contexts
- gain good understanding of and the ability to use analytical techniques appropriate for the business world
- develop decision making skills transferable to a wide range of careers
- understand business behaviour can be studied from a wide range of contexts
- acquire a range of relevant business and generic skills, including decision making, problem solving, the challenging of assumptions and critical analysis



Entry criteria:

GCSE English Language, Grade B or above. GCSE Mathematics, Grade C or above.
GCSE Business is desirable, Grade B or above.

Course Leader: Mrs V Wright

Vocational Business

The Pearson BTEC Level 3 National Extended Certificate in Business is an Applied General qualification. It is for post-16 learners who want to continue their education through applied learning and who aim to progress to higher education and ultimately to employment in the business sector.

The qualification is equivalent in size to one A level and aims to provide a coherent introduction into the business sector.

The course will require students to:

- apply numerical skills in a range of business contexts
- gain good understanding of and the ability to use analytical techniques appropriate for the business world
- develop decision making skills transferable to a wide range of careers
- understand business behaviour can be studied from a wide range of contexts
- acquire a range of relevant business and generic skills, including decision making, problem solving, the challenging of assumptions and critical analysis



Entry criteria:

5 GCSEs, Grade A*-C.

Chemistry

Are you curious about the mysteries of the universe? Ever wondered why fireworks dazzle, how medicines are designed, or what makes the colours in a sunset? A-level Chemistry offers you the chance to dive into the fascinating molecular world that shapes everything around us!

This dynamic course builds on the foundations of GCSE Chemistry, taking your understanding to new heights. It's a challenging yet incredibly rewarding subject that opens doors to a wide range of careers and university courses, from cutting-edge medical research to innovative environmental solutions.

The course will require students to:

- apply your knowledge to tackle pressing global challenges like climate change, sustainable energy, and healthcare breakthroughs.
- use their practical expertise: chemistry is a hands-on science! From preparing solutions to analysing materials, you'll turn theory into action in our well-equipped labs.
- gain analytical, mathematical, and logical thinking skills that employers and universities highly value.
- learn how Chemistry impacts society—from ethical considerations in drug development to its role in the global economy.



What Will You Do?

As an A-level chemist, you'll:

- explore the principles behind chemical reactions and bonding.
- build confidence in handling scientific equipment and experiments.
- develop mathematical and critical thinking skills to solve complex problems.
- investigate real-world applications, like how Chemistry saves lives and shapes industries.
- discover how science influences global decision-making and innovation

Entry criteria:

If you have studied separate sciences at GCSE: Chemistry Grade B or above, including a grade B or above in the year 11 exam element.

If you have studied double award science: Grade BB or above overall, with a grade B or above in the year 11 chemistry exam element.

GCSE English Language and Mathematics, Grade B or above.

Course Leader: Mrs R Williams

Computer Science

The WJEC AS and A Level Computer Science qualification offers students an in-depth understanding of fundamental computer science concepts and a wide range of study opportunities.

Designed with a streamlined, future-proof structure that is realistic of technological requirements, the course allows us at school to focus on delivering innovative and engaging lessons that build robust skills for further education or industry.

The course will require students to develop:

- a strong understanding of and ability to apply the core principles of computer science, including abstraction, decomposition, logic, algorithms, and data representation.
- practical skills in problem-solving through computational thinking, including designing, developing, and coding solutions.
- creativity and critical thinking skills, fostering innovation, analysis, and logical reasoning.
- the ability to identify and understand connections across different aspects of computer science.
- essential mathematical and language skills to support computational processes.
- awareness of the social, ethical, legal, and cultural impacts of digital technology, empowering them to navigate and address opportunities and risks in the digital world.

This course is ideal for students who are curious, analytical, and passionate about understanding how technology shapes our world. It provides an excellent foundation for further study or careers in computing, software development, data science and analytics, cybersecurity, and more.

Entry criteria:

GCSE Computer Science or ICT is desirable but not essential.

GCSE Mathematics, Grade B or above.

Course Leader: Mr A Roberts

Criminology

Students are provided with an opportunity to study an informative and popular level 3 course as a gateway to a professional career or degree path in the Criminal Justice System. It is also aimed at those who are looking for a stimulating and challenging course that has relevance to everyday life and companion subjects of sociology, psychology and law.

This is an Applied General qualification designed to support learners progressing to university. It has been designed to offer exciting and interesting experiences that focus on the acquisition of knowledge and understanding in purposeful contexts linked to the criminal justice system. Classes will involve a mix of group discussion, formal teaching and student led activities.

The course will require students to:

- engage fully with material of relevance and interest
- cover the four main units of approaches to criminology
- demonstrate an understanding of different types of crime and why people commit crime
- examine information in order to review the justice of verdicts in criminal cases
- apply learning within each unit to authentic case studies



Entry criteria:
5 GCSEs, Grade A*-C.

Course Leader: Mrs K Johnson

Digital Technology

Digital Technology (DT) offers the opportunity for you to identify and solve problems by developing systems in a wide range of contexts relating to your personal interests. DT encourages you to develop interdisciplinary skills, your capacity for imaginative, innovative thinking whilst being creative and independent learners.

Students will also have opportunities for acquiring skills needed in the technology profession such as co-operative working and project management. These practical skills can be developed in areas of DT that are of interest to them.



The course will require students to:

- develop and sustain your innovation
- be creative using your DT capability
- produce high quality systems and digital assets
- create digital solutions
- develop a critical understanding of influences, processes and products have on DT activity
- complete wide range of activities to develop an understanding of commercial practices
- develop project management, implementation, and evaluation skills

Entry criteria:

5 GCSEs, Grade A*-C.

Course Leader: Mrs V Wright

Drama & Theatre

The course aims to develop candidates' interest and enjoyment in theatre both as a performer and an informed member of an audience. Students will foster an enthusiasm for and a critical appreciation of the subject and develop an understanding and appreciation of the significance of social, cultural and historical influences on the development of drama and theatre.

Students are given a range of opportunities to develop a variety of dramatic and theatrical skills, integrating theory and practice through an understanding of critical concepts.

The course will require students to:

- explore and experiment with styles of performance and techniques
- read and analyse plays, in the role of designer, director and actor
- visit the theatre to evaluate and review live theatre and study plays from different historical periods • communicate and collaborate ideas within a group
- explore a range of performance skills, through the study of practitioners and different styles of theatre



Entry criteria:

Involvement in Drama in and out of school preferable.
GCSE Drama study preferable but not essential.
GCSE English Language, Grade B or above..

Course Leader: Mrs C Gilpin

English Language

This specification is designed to foster learners' independence as they explore English language in a variety of contexts. It provides learners with opportunities to develop a wide and deep knowledge of the systems of the English language and of issues relating to language and its uses.

Throughout this course learners are presented with opportunities to develop their own creativity, both in the ways they think about language and in the ways they develop expertise in using language to communicate. This course develops the skills learners have gained at GCSE and uses them to discover and analyse language in exciting and previously unexplored ways.

The course will require students to:

- develop and apply their understanding of the concepts and methods appropriate for the analysis and study of language
- explore data and examples of language in use
- engage creatively and critically with a varied programme for the study of English
- develop their skills as producers and interpreters of language
- independently investigate language in use



Entry criteria:

GCSE English Language, Grade B or above.

Course Leader: Mr D Oakey

English Literature

The AS and A Level English literature course will encourage you to develop your interest in and enjoyment of literature as you read a range of contemporary and classic novels, plays and poetry.

You will engage creatively with lively and stimulating texts; analyse and evaluate what you read; and explore the backgrounds of texts and other people's interpretations of them. You need to have a genuine enthusiasm for reading.

The course will require students to:

- read both set texts and others that they have selected for themselves
- engage creatively with a range of texts and ways of responding to them
- develop and apply their knowledge of how to analyse and evaluate
- explore the backgrounds of the texts they are reading and others' interpretations of them
- work independently to deepen their understanding
- have an interest in people, ideas and life



Entry criteria:

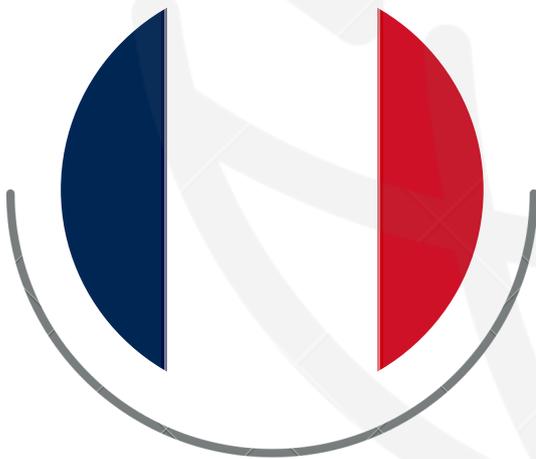
GCSE English Literature, Grade B or above.
GCSE English Language, Grade B or above.
Students must have an interest in reading.

Course Leader: Mr D Oakey

French

This course is designed to encourage students to develop an interest in, and enthusiasm for, language; develop an understanding of the language in a variety of contexts and genres; communicate confidently, clearly and effectively in the language for a range of purposes; develop awareness and understanding of the contemporary society, cultural background and heritage of countries or communities where the language is spoken.

In addition to developing your language skills and extending the vocabulary and grammar which you have already learned at GCSE, you will extend your knowledge about French and French-speaking countries. It is expected that students will have previously learnt French to GCSE level or equivalent.



The course will require students to:

- listen and respond to a variety of spoken sources, including authentic sources
- use the language to accurately express facts and ideas, viewpoints, develop arguments, analyse and evaluate, in speech and writing
- read and respond to a variety of written texts, including authentic sources, covering different contexts, registers, styles and genres
- adapt spoken and written language appropriately for different situations and purposes
- understand and apply the grammatical system and a range of structures
- study aspects of the contemporary society, cultural background and heritage of one or more of the countries or communities whose language is being studied

Entry criteria:

GCSE French, Grade C or above.

Course Leader: Mrs L Sloan

Geography

You will study the meaning, causes, impacts and management of global challenges and how we can influence global challenges through our own lives. Topics and issues include climate change and the carbon cycle, tectonic hazards, refugee movements, geopolitical conflict, ecosystems management, ocean plastics and urban/rural challenges.

You will study the interactions and connections between physical and human processes and learn how these affect people on local and global scales.

The course will require students to:

- have a broad knowledge of contemporary geographical issues
- gain an understanding of how the physical and human environment is interconnected and interdependent
- learn the ways geographers examine the relationship between complex contemporary issues in order to provide solutions
- develop a deep understanding of the multifaceted processes that influence, shape and change the modern world



Entry criteria:

GCSE Geography, Grade B or above.

Course Leader: Mr C Smith

Health, Social Care & Childcare

This course equips students with a thorough and in-depth knowledge and understanding of the health, social and education sectors. Students have the opportunity to develop their understanding of influences on human growth, development, behaviour and well-being.

Students will gain a detailed understanding of the social, physical, emotional, and cultural needs of people who use care and support services, and recognise that each individual has a unique blend of abilities and needs. They will learn about the different life-stages and research a range of career pathways, whilst also having the opportunity to complete work experience at a local nursery or primary school. Pupils will explore a wide range of psychologists and how their theories can be used to explain and support behaviour in young children.

The course will require students to:

- understand the ethical, social and political issues affecting the health and social care and childcare sectors
- have an awareness of the principles and values which underpin health and social care and childcare
- understand the child-centred or person-centred approaches to care
- interpret and evaluate theories in health and social care and childcare, and reflect on how they affect the provision of services
- identify the sociological, psychological and biological factors that contribute to good health, and explain the role of government and professionals in promoting and maintaining good health
- use literacy, numeracy, research and digital competency skills to prepare for further study and training



Entry criteria:

GCSE English Language, Grade C or above.
Prior study of Health and Social care will be useful but not essential.

Course Leader: Mrs C Gilpin

History

Studying history provides a student with skills which are not confined to the study of the past. High level skills of analysis are invaluable in many jobs, and the ability to analyse and then prioritise information is vital to decision making. Skills learnt in history, will be very useful in a wide range of academic degrees and professions, the closest links are law, management, finance, journalism, heritage management, writing and education.

An A Level in history is desirable as it shows universities and employers that you have a rigorous academic qualification which shows your skills as a critical thinker and demonstrates your ability to structure a clear argument.



The course will require students to:

- evaluate historical events
- analyse historical events
- explain the causes and consequences of historical events
- consider the process of historical change and its causes, consequences and significance
- research historical events
- communicate effectively

Entry criteria:

GCSE History, Grade B or above.

Course Leader: Mrs J Sawle

Law

This course is designed to provide students with an excellent grounding in various aspects of the law, developing their knowledge and enthusiasm for the subject. Law provides the framework for modern society, impacting on all our lives.

Studying Law offers the chance to question how society is regulated. It embraces every aspect of our lives, from crime to the environment, from buying a bus ticket to resolving international disputes. This is a very popular course which has traditionally yielded very good A Level passes for our students.

The course will require students to:

- communicate, both written and oral, with the ability to construct clear and well-reasoned arguments
- find and manage large quantities of information from both printed and electronic sources
- think clearly and logically to analyse and solve problems
- the capacity for independent thinking and the ability to critically evaluate the law and think about where it needs to be reformed
- be organised and disciplined; the ability to work independently
- work well with others and develop their ideas as a group



Entry criteria:

GCSE English Language, Grade B or above.

Course Leader: Mrs L Sloan & Mrs B Burrows

Mathematics

The study of mathematics at A level can be divided into two components; pure mathematics and applied mathematics. Pure mathematics will see you develop core skills in, but not limited to: algebra, calculus, coordinate geometry, functions, mathematical argument and proof. Applied mathematics will develop your modelling skills and allow you to see the relevance of the subject in the real world.

Mathematics can be a challenging subject to study but with time, patience and motivation it can also be hugely rewarding and beneficial to future career options. The dedication, support and guidance from staff has made A level mathematics a consistently popular choice at Hawarden High School.



The course will require students to:

- construct and present mathematical arguments and examples
- understand mathematical language, facts, concepts and techniques
- comprehend and critique mathematical arguments, proofs and justifications
- use mathematical methods and techniques to solve problems in a variety of contexts
- translate a situation from a real-world context into a mathematical model

Entry criteria:

GCSE Mathematics, Grade A or above.

Course Leader: Mr A Jeffrey

Further Mathematics

Further Mathematics is designed to broaden the mathematical experiences of students and can only be taken if mathematics has also been chosen as an option. As in the mathematics GCSE course, a mixture of pure mathematics units and applications units will be studied.

In the pure mathematics units the concepts and methods studied in the mathematics course will be developed further, in addition new and exciting areas of pure mathematics will be introduced: complex numbers and matrices. These areas of the course give students the opportunity to develop some of the more abstract concepts of mathematics. The applications units cover further study of mechanics and statistics.

The course will require students to:

- further construct mathematical arguments and examples
- understand mathematical language, syntax, symbols associated with set theory, facts, concepts and techniques
- further comprehend and critique mathematical arguments, proofs and justifications
- extract an underlying mathematical structure from a context and solve problems presented in an unstructured format
- apply principles of the problem-solving cycle: specify the problem, collect information, process and represent information and interpret results • create a mathematical model based on a situation given
- use the model to: explore situations further, interpret outputs and refine the original model



Entry criteria:

GCSE Mathematics, Grade A or above.

Course Leader: Mr A Jeffrey

Media Studies

The AS and A Level media studies course will encourage you to analyse media concepts and conventions in a range of contemporary and classic texts in mediums such as films, music, TV, adverts, magazines, video games and websites.

You will look at how the media represents people, places, issues and events. You will explore how we influence and are influenced by the media. Recent case studies have included 'Blade Runner', 'Prime Suspect', 'Chanel' adverts and pop music videos. It is not essential to have studied GCSE Media, but it is vital to have a keen interest in most of the aforementioned areas.



The course will require students to:

- watch, or read, and respond to a variety of audio-visual and print-based sources
- use media language accurately and fluently to express ideas and viewpoints, develop arguments, analyse and evaluate, in discussions and writing
- develop an understanding of the global multi-media world in which we live
- apply many communication skills to their learning by contributing to group seminars, presentations and whole class debates
- understand and explore the key concepts of media: language, audiences, representations, narratives, genre and industries
- develop personal foreknowledge of media texts through the reading of newspaper or online media supplements
- use media technology creatively and skilfully in the construction of production artefacts

Entry criteria:

GCSE Media Studies preferable but not essential.
GCSE English Language, Grade B or above.

Course Leader: Mrs K Lumby-Jones

Music

Music is assessed by the three distinct but related disciplines of performing, composing and appraising. The specification will give you the freedom to express your own musical interests through composing and performing in styles of your own choice and also within at least one of the specified areas of study.

You will be able to play to your strengths in either performing or composing and demonstrate your ability to draw together different areas of knowledge and understanding from across areas of study in the listening and appraising examination.

The course will require students to:

- carry out focused assessment of specific performing and composing skills
- the opportunity to specialise in either performing or composing at A Level for an extra 8% of the qualification
- the opportunity to link creative and practical work with your chosen area of study
- the inclusion of a 'free choice' composition
- a choice between two set works from the Western Classical Tradition for analysis
- a choice of 'popular music' areas of study from the 20th and 21st Centuries
- exam questions which demand analysis, extended answers, comparison of musical extracts and responses to unprepared extracts of music as well as set works



Entry criteria:

GCSE Music, Grade B or above.

Course Leader: Mr N Sant

Performing Arts

Performing Arts Level 3 Extended Certificate (05851) offers students the opportunity to understand a range of performance skills, and their place within the performing arts industry.

This is an exciting new course that encourages students to develop their skills in readiness to seek employment or go on to higher education. With the potential of 120 UCAS points (the equivalent to 1 A grade A Level), it will appeal to a range of students with a variety of interests.



The course will require students to:

- develop their performance skills through a practically taught course
- shape the course for their own needs, by selecting the units that appeal to their strengths
- work independently and with others, to visit the theatre regularly, be committed to after school rehearsals and have a lively imagination
- work to your strengths - you may explore acting, dance, music, technical design in set, lighting or costume and make-up design as part of the performance elements of the course
- develop invaluable life skills that will help foster excellent employability skills

Entry criteria:

GCSE English Language, Grade B or above.

Course Leader: Mrs C Gilpin

Photography

This option covers a broad and changing area of study with light-based imagery spanning almost two centuries.

Learners might engage with early light-based images and rudimentary technology, such as a pinhole camera, as well as the most contemporary, which may include the use of digital cameras, photocopiers, scanners and mobile phones. Learners may record their work on a digital platform or in a sketchbook

The course will require students to:

- explore relevant images and resources relating to lens-based media from the past and from recent times
- undertake relevant research that is integral to the investigating and making process
- produce a personal response to themes that take the form of both practical and critical activities
- demonstrate an understanding of the different styles, genres and traditions
- create outcomes that can be screen or print based, comprise still or moving images and might be discrete to the subject area or combined with other art forms



Entry criteria:

Have experience of using Adobe Photoshop and having studied a creative subject at GCSE is desired.

Course Leader: Miss C Williams

Physical Education

The course takes a multi-disciplinary approach, with the focal point being on participation and performance in physical activity as part of a balanced, active and healthy lifestyle. The course is based on the interaction between the theory and practice of physical education.

Students wishing to follow this course must have a keen interest in all sports and be self-motivating. They should enjoy reading articles and listening to discussions about sporting issues.



The course will require students to:

- develop theoretical knowledge and understanding of the factors that underpin physical activity and sport and use this knowledge to improve performance
- understand how physiological and psychological states affect performance
- understand the key socio-cultural factors that influence people's involvement in physical activity and sport
- understand the role of technology in physical activity and sport
- refine their ability to perform effectively in physical activity and sport by developing skills and techniques and selecting and using tactics, strategies and/ or compositional ideas
- develop their ability to analyse and evaluate to improve performance
- understand the contribution which physical activity makes to health and fitness
- improve as effective and independent learners and as critical and reflective thinkers with curious and enquiring minds

Entry criteria:

Grade B, or above, in the theory paper of GCSE Physical Education.

Course Leader: Mrs S Morris

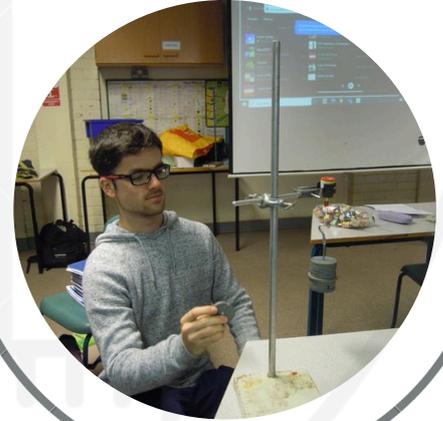
Physics

“All science is either physics or stamp collecting” (Rutherford)
Physics is the most fundamental of the sciences with other subjects depending on it. It is an important qualification for anyone wanting to pursue a scientific, engineering or financial career. In addition, the training it provides in solving problems in a logical and systematic manner makes it valuable to many employers, even for jobs not making use of physics itself.

It is essential students have at least a B in GCSE mathematics and either GCSE double award science or GCSE physics. Students will also have an opportunity to visit CERN, Geneva, to deepen their understanding of particle and field physics.

The course will require students to:

- develop essential knowledge and understanding of different areas of the subject and how they relate to each other
- develop and demonstrate a deep appreciation of the skills, knowledge and understanding of scientific methods
- develop competence and confidence in a variety of practical, mathematical and problem-solving skills
- develop their interest in and enthusiasm for the subject
- understand how society makes decisions about scientific issues and how the sciences contribute to the success of the economy and society
- have experience of applying mathematics with confidence



Entry criteria:

If you have studied separate sciences at GCSE: Physics Grade B or above, including a grade B or above in the year 11 exam element.

If you have studied double award science: Grade BB or above overall, with a grade B or above in the year 11 physics exam element.

GCSE English Language and Mathematics, Grade B or above.

Course Leader: Mr M Lewis

Product Design Engineering

Do you love solving problems and being a creative resistant material, engineering graphics student? Product Design focuses on the use of imagination, initiative and resourcefulness within the design process to create products we use and wear and for environments we live in.

You will have experience of identifying needs and developing creativity in your thinking in a wide range of materials using Computer Aided Design (CAD) and the latest CNC equipment including 3D printing. Throughout the course you will develop your critical awareness of the work of other designers and develop expertise to enable innovative ideas to be manufactured to an exceptional standard.



The course will require students to:

- have a genuine interest in creating innovative control technology, graphics, fashion, architectural models, every day products or just something that hasn't been designed yet!
- consider innovation and creativity in all aspects of manufacturing and design
- consider how everyday products have evolved into their present form
- develop skills and creativity, use of modern CAD
- be adaptable to use Computer Aided Manufacture (CAM) including 3D printing and laser cutting

Entry criteria:

GCSE Product Design, Grade B or above.
GCSE English Language, Grade C or above.
GCSE Mathematics, Grade C or above.

Course Leader: Mr A McGuire

Psychology

This is one of the most popular AS/A2 courses with students whose longer term ambition is to follow a professional career through a degree path, or who are simply looking for a stimulating and challenging course that has relevance to everyday life.

Classes are very popular and enable a mix of group discussion, formal teaching and student led activities.

The course will require students to:

- engage fully with material of relevance and interest
- cover the five main approaches to psychology
- learn a real life therapy based on each
- cover some classic psychology studies such as Milgram's controversial obedience study and decide whether they would be allowed today
- be able to work on some practical psychology research and look into a wide range of topics such as dreams and their meanings and forensic psychology



Entry criteria:

- GCSE Biology, Grade C or above.
- GCSE English Language, Grade B or above.
- GCSE Mathematics, Grade C or above.

Course Leader: Mrs K Johnson

Religious Studies, Philosophy and Ethics

Religious Studies has become the fastest growing A Level over the past two decades. It is an exciting and engaging qualification which develops understanding and skills in students that are useful for those looking to enter either higher education or employment.

Due to its increasing popularity, and an acknowledgement of the skills it develops, an A Level in religious studies is highly regarded by universities and employers.



The course will require students to:

- develop their interest in a rigorous study of religion and belief and relate it to the wider world
- develop an understanding and appreciation of religious, philosophical and ethical thought and its contribution to individuals, communities and societies
- adopt an enquiring, critical and reflective approach to the study of religion, philosophy and ethics
- reflect on and develop their own values, opinions and attitudes in the light of their study

Entry criteria:

GCSE Grade C or above at Full Course or Short Course Religious Studies.
GCSE English Language, Grade C or above..

Course Leader: Mrs D McDonald

Science

This course is an exciting and practical qualification designed for students who are passionate about science and its real-world applications. It provides a balanced approach to learning, combining theory, practical investigations, and workplace-related scenarios. This course is ideal for those aspiring to pursue careers or further study in Science, Healthcare or Engineering.

The content covers aspects of science such as laboratory science, environmental science, biological, chemical and physical science.

The course will require students to:

- complete internal assessments to build up a coursework portfolio
- listen and respond to a variety of scientific sources
- use scientific knowledge and understanding to accurately express facts and ideas, viewpoints, develop arguments, analyse and evaluate, in speech and writing
- investigate scientific phenomena and complete practical investigations
- understand how to create and use scientific reports to a professional standard



Entry criteria:

GCSE Separate Science, Grade C or above.

GCSE Double Award, CC or above.

Course Leader: Mr D Anderson

Sociology

The study of A Level Sociology focuses on contemporary society, sociology fosters the development of critical and reflective thinking with a respect for social diversity. It provides an awareness of the importance of social structure and social action in explaining social issues.

Students are encouraged to develop their own sociological awareness through active engagement with the contemporary social world and society.

The course will require students to:

- develop an understanding of changing British society as well as opportunities to learn about sociological methods and research
- acquire knowledge and a critical understanding of contemporary social processes and social changes
- appreciate the significance of theoretical and conceptual issues in sociological debate
- understand and evaluate sociological methodology and a range of research methods through active involvement in the research process
- develop skills that enable individuals to focus on their personal identity, roles and responsibilities within society
- develop a lifelong interest in social issues



Entry criteria:

GCSE English Language, Grade B or above.

Course Leader: Mrs K Johnson

Spanish

This course is designed to encourage students to develop an interest in, and enthusiasm for, language; develop an understanding of the language in a variety of contexts and genres; communicate confidently, clearly and effectively in the language for a range of purposes; develop awareness and understanding of the contemporary society, cultural background and heritage of countries or communities where the language is spoken.

In addition to developing your language skills and extending the vocabulary and grammar which you have already learned at GCSE, you will extend your knowledge about Spanish and Spanish speaking countries. It is expected that students will have previously learnt Spanish to GCSE level or equivalent.



The course will require students to:

- listen and respond to a variety of spoken sources, including authentic sources
- use the language to accurately express facts and ideas, viewpoints, develop arguments, analyse and evaluate, in speech and writing
- read and respond to a variety of written texts, including authentic sources, covering different contexts, registers, styles and genres
- adapt spoken and written language appropriately for different situations and purposes
- understand and apply the grammatical system and a range of structures
- study aspects of the contemporary society, cultural background and heritage of one or more of the countries or communities whose language is being studied

Entry criteria:

GCSE Spanish, Grade C or above.

Course Leader: Mrs L Sloan

Sport

The BTEC Sport course will develop your core specialist knowledge, understanding and skills in aspects relating specifically to sport, coaching and the leisure sector. The course outline includes anatomy and physiology, fitness analysis, sports coaching and different areas of sports provision. All lessons are delivered either in an ICT suite or in a practical setting, making use of the sports facilities around the school.

The BTEC Sport course, equivalent in size to one A Level, offers a broad basis of study for the sport sector.

The course will require students to:

- actively and methodically conduct research, and apply their finding to presentations as an individual or within a group
- demonstrate effective analytical skills, applying theoretical concepts to coursework and practical performances
- have a keen interest in sport and fitness and a passion for developing understanding of health and well-being and the impact of physical activity on the human body
- perform practically to generate data towards assessment pieces
- act as an ambassador for physical education and School Sport across the whole school



Entry criteria:

GCSE Physical Education, Grade C or above if studied at GCSE.

English Language, Grade C and above.

Sport or Physical Education does not have to have been studied previously.

Course Leader: Mr B Rodgers

Travel and Tourism

The Pearson BTEC National Extended Certificate in Travel and Tourism is intended as an Applied General qualification. It is designed for post-16 learners with an interest in travel and tourism who want to continue their education through applied learning, and who aim to progress to higher education.

The qualification is equivalent in size to one A Level and is designed to give a broad introduction to the travel and tourism industry, with an emphasis on core knowledge and fundamental skills that are transferable across other sectors.



The course will require students to:

- have a genuine interest in the travel and tourism industry – the travel and tourism industry in the UK is growing and is of major importance to the economy
- develop the skills needed to examine, interpret and analyse a variety of statistics that measure the importance of tourism to the UK
- examine different types of destinations and their importance – learners will investigate the features and appeal of global destinations
- understand the principles of marketing in travel and tourism – learners will explore how to develop a successful marketing plan for use by travel and tourism organisations to attract and engage with customers using research data

Entry criteria:

GCSE English Language, Grade C or above.

Course Leader: Mr C Smith

Welsh

If you enjoyed 'Cymraeg' at GCSE then you'll enjoy A Level even more! At A Level you'll have lessons more frequently which means your speaking will improve very quickly. As well as improving your speaking skills you'll also start to learn about Welsh cultural events and activities, literature, history and politics.

Taking Welsh Second Language at A Level shows any university or employer that you have developed a specialist skill to a high level.

The course will require students to:

- study Welsh with interest, enjoyment and enthusiasm
- communicate effectively and fluently, orally and in writing
- write creatively and factually for a range of purposes
- analyse familiar and unfamiliar texts independently
- listen and respond to the opinions of others when expressing a point of view
- express an independent opinion, based on knowledge and understanding of literary and factual texts



Entry criteria:

GCSE Welsh, Grade B or above.

Course Leader: Mrs L Sloan

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APPLICATIONS

HAWARDEN 6TH

FEB

26

WEBSITE LAUNCH

6 PM

FEB

27

APPLICATIONS OPEN

MAR

POST 16 INTERVIEWS

COMMENCE

MAR

27

APPLICATION

DEADLINE 9PM

JUN

29-30

TRANSITION DAYS



Follow us on Instagram @hawarden6th



To Mr Budgen, Staff & Pupils

I would just like to thank you for a wonderful Remembrance Service on Friday. We were (and always have been) made to feel very welcome by you all. The service is of such a high standard (closely relating to the one at Royal Albert Hall), and the buffet was lovely.

