

AAQ SUBJECTS

New courses for 2025:

- Health and Social Care
- Computing: Application Development
- Applied Science

BEWDLEY SIXTH FORM



New courses for 2025

Health and Social Care

Computing: Application Development

Applied Science

At Bewdley Sixth Form students must enrol on three full time courses. Students can enrol on a maximum of two AAQ's. These would be studied alongside one other qualification.

What are AAQ's?

- Cambridge Advanced Nationals (AAQs), or Advanced Academic Qualifications are practical, accessible and designed to inspire students to develop real world skills. They help to develop key transferable skills that get them ready for the workplace.
- They are assessed differently to traditional A-Levels with less emphasis on final examinations. Students will sit exams as part of their AAQ; however, a large amount of the qualification is assessed through practical assignments and tasks set throughout the two-year course.
- Students will be awarded a grade from a Distinction* to a Pass. These qualifications are recognised by universities, apprenticeship providers and employers. Students will receive UCAS points (which are used when students apply to university) from AAQ's in the same way that they would from A-Level subjects - the better the grade the more points achieved.

ENTRY REQUIREMENTS

- Each course has slightly different entry requirements. However, we encourage students to aim for a minimum of a Grade 4 in Maths, Science and English (either Literature or Language).
- If students do not achieve the Grade 4 in one of the subjects, they may be able to be entered on to one of the courses e.g., if you achieve a 4 in English, but a 3 in Maths you could still study Health and Social Care; however, you would be unable to study Applied Science or Computing. Please see each subject's postcard in the course guide for more information.

IMPORTANT DISCLAIMER

- Students can do a maximum of two AAQ's. These would be studied alongside one other qualification. Students must enrol on three courses.
- We are waiting for the Department of Education to issue full guidance on the combination of subjects that students are permitted to study. We may not have this information until May! Please apply for the courses that you wish to study and we will meet with any students in the summer term to solve any issues that may be created after the Government decision is published.
- At Bewdley Sixth Form we intend to offer these new courses for study. As always, if there is not enough interest from students in the subject, we reserve the right to withdraw it from our curriculum offering, and will fully support students to select another appropriate course.

AAQ - ADVANCED ACADEMIC QUALIFICATIONS
PRACTICAL - ACCESSIBLE AND DESIGNED TO INSPIRE
STUDENTS TO DEVELOP WORLD SKILLS



AAQ Computing: Application Development

Through a combination of theory and hands on experience, you will develop the necessary knowledge and skills that can support progression to higher education Computing study. Developing skills in effective communication, creativity and problem solving.

What will I be doing?

- 5 units
 - x2 exams:
 - Fundamentals of Application Development
 - Developing Application Software
 - x3 assignments:
 - Designing and Communicating UX/UI Solutions
 - Games Development
 - Software Development
-

YOU WILL LEARN ABOUT THE DIFFERENT STAGES THAT DEVELOPERS GO THROUGH TO PRODUCE A WORKING SOFTWARE APPLICATION, HOW TYPES AND GENRES OF DIGITAL GAMES AND THEIR CHARACTERISTIC AFFECT GAME DESIGN.

2 YEAR COURSE
FULL TIME

ENTRY REQUIREMENTS
Grade 5 in Maths

SUBJECT ENRICHMENT

- EGX trip every October to go to a gaming convention held in London.
- Media/Computing/STEM trip every 2 years to London to do a range of activities including visit British Museum to witness some Computing history and going to Harry Potter world to see its impact on the Media industry.

POSSIBLE FUTURE CAREERS

This course is ideal for those wanting to progress into Computer Science, Games Development, Creative Computing, Web and Mobile Development, Web and User Experience Design.

AAQ Computing: Application Development

Fundamentals of Application Development

You will learn about the different stages that developers go through to produce a working software application, how developers scope application requirements, and the design features which make applications intuitive for users.

Developing Application Software

Implementation methodology and the areas that need to be considered when applications are being developed for different platforms. How data moves in applications, is safe to use and secure. How developers deploy finished applications to users and maintained in the future.

Designing and Communicating UX/UI Solutions

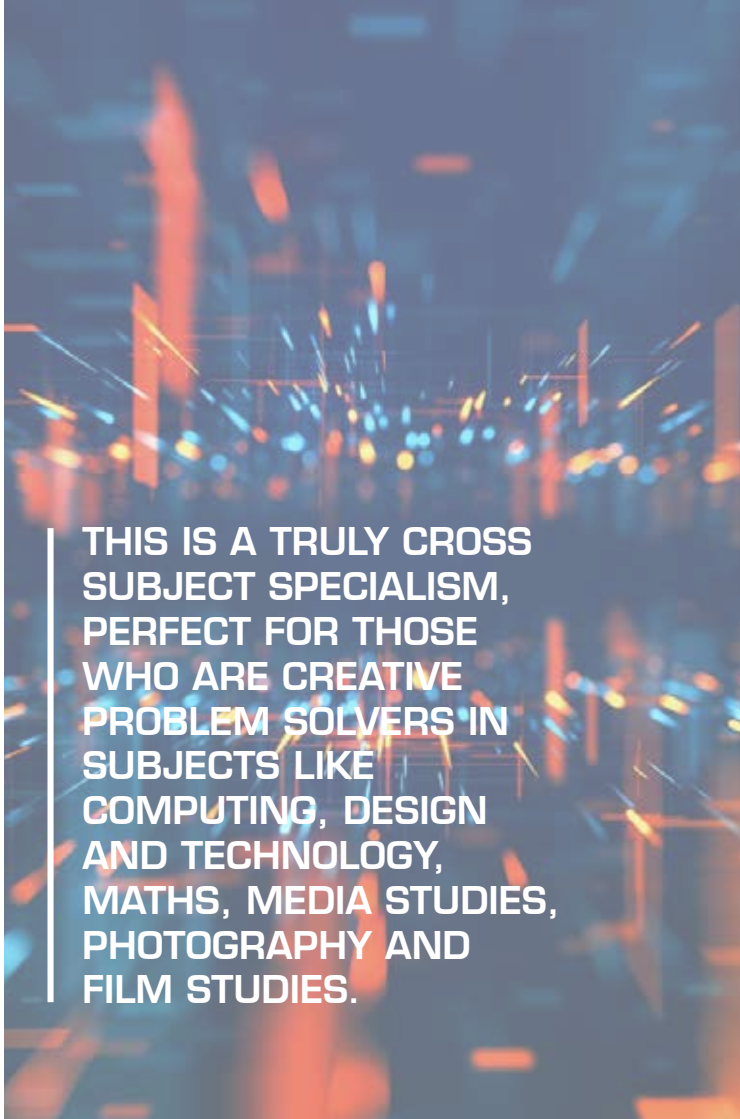
Principles of UX/UI design and what makes an interface easy to use. Tools and techniques to plan UX/UI solutions and how to design high-fidelity prototypes of UX/UI solutions. You will also learn how to communicate effectively with clients.

Games Development

You will learn how types and genres of digital games and their characteristics affect game design. You will learn how to plan, design, create, and test game prototypes.

Software Development

You will learn about software design principles and different programming language types. You will learn how to design, create, and test software solutions.



**THIS IS A TRULY CROSS
SUBJECT SPECIALISM,
PERFECT FOR THOSE
WHO ARE CREATIVE
PROBLEM SOLVERS IN
SUBJECTS LIKE
COMPUTING, DESIGN
AND TECHNOLOGY,
MATHS, MEDIA STUDIES,
PHOTOGRAPHY AND
FILM STUDIES.**

Level 3 AAQ Cambridge Advanced National in Applied Science

The course prepares you for undergraduate study in a wide range of science related courses by developing specific skills and foundational knowledge not covered in A Levels. It provides you with an understanding of applied science practical techniques and applications.

What will I be doing?

Two externally assessed units; 1 (Fundamentals of science, 2) Science in society.

Three coursework based units (NEA) in either; Investigating science, Analytical techniques in chemistry, Environmental studies, Forensic biology or Medical physics.

UNDERSTAND THE REAL-LIFE APPLICATIONS OF SCIENCE IN THIS HANDS ON COURSE. THE WIDE RANGE OF SKILLS DEVELOPED WILL PREPARE YOU FOR A HOST OF SCIENCE RELATED UNDERGRADUATE DEGREES AND CAREERS.

2 YEAR COURSE
FULL TIME

ENTRY REQUIREMENTS

Minimum of 4 - 4 in combined science

SUBJECT ENRICHMENT

As a very practical course we aim to make the most of our fantastic links with local universities with practical sessions delivered throughout the course in university laboratories.

POSSIBLE FUTURE CAREERS

- Biomedical and Life Sciences
- Applied Health and Nursing
- Forensic Science
- Environmental Science

Level 3 AAQ Cambridge Advanced National in Applied Science

F180: Fundamentals of Science

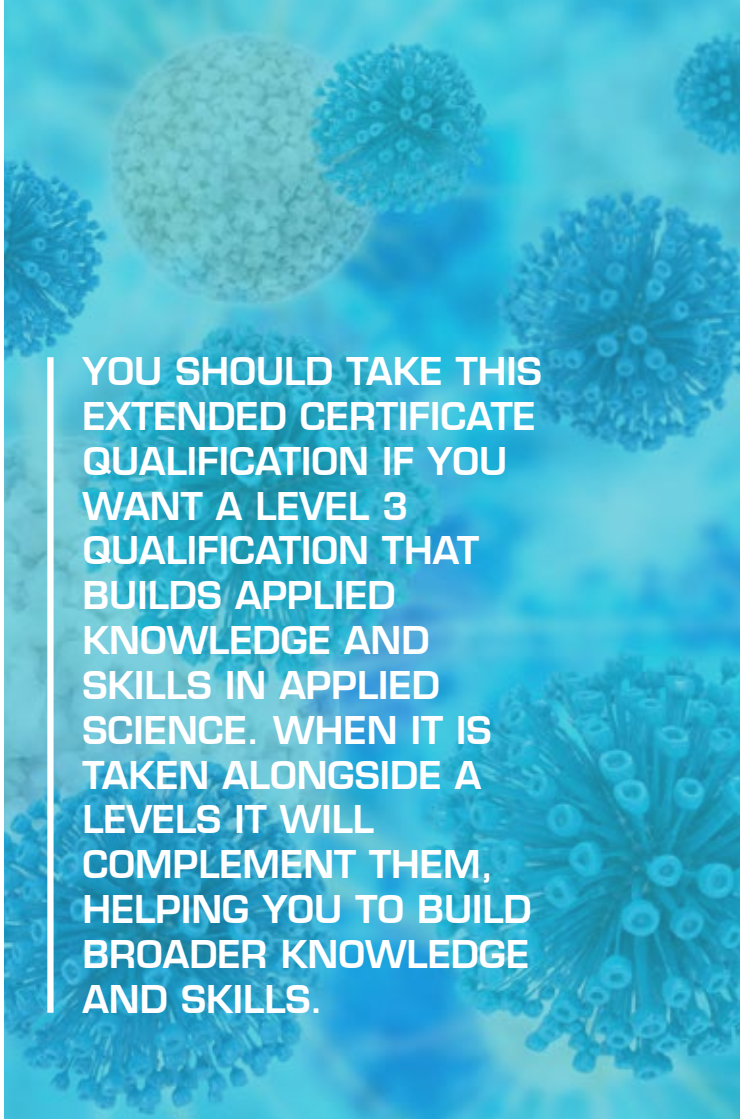
In this unit you will learn about the key topics that are important in biology, chemistry and physics and you will study two key practicals for each.

F181: Science in Society

In this unit you will learn about the skills scientists use and the roles they perform in an international scientific community.

NEA Coursework Units

Analytical techniques in chemistry; how to plan and perform practical investigations to separate substances and purify them Environmental studies; You will develop the skills to carry out in situ fieldwork investigation Forensic biology; how to perform investigations of the macro- and ultrastructure of cells and tissues from fresh and prepared material Medical physics; the different diagnosis techniques and therapies used in medicine.



**YOU SHOULD TAKE THIS
EXTENDED CERTIFICATE
QUALIFICATION IF YOU
WANT A LEVEL 3
QUALIFICATION THAT
BUILDS APPLIED
KNOWLEDGE AND
SKILLS IN APPLIED
SCIENCE. WHEN IT IS
TAKEN ALONGSIDE A
LEVELS IT WILL
COMPLEMENT THEM,
HELPING YOU TO BUILD
BROADER KNOWLEDGE
AND SKILLS.**

Level 3 AAQ Cambridge Advanced National in Health & Social Care

This is a new vocational course that focuses on how theory can be applied to real life. It is for anyone that wants to pursue careers in the NHS or any public facing sectors like teaching.

What will I be doing?

4 mandatory units and 2 optional units.
There will be 2 external examinations and 4 coursework units.

THIS WILL PREPARE STUDENTS FOR CAREERS SUCH AS NURSING, MIDWIFERY ETC AS IT COMBINES HEALTH & SOCIAL CARE AND SCIENCE. ASSESSED AS YOU GO, RATHER THAN AT THE END OF THE COURSE.

2 YEAR COURSE
FULL TIME

ENTRY REQUIREMENTS
4 in English and 4 in Science

SUBJECT ENRICHMENT

- Experts will be brought to share their experiences.
- Trips to universities

POSSIBLE FUTURE CAREERS

- NHS careers such as nursing, midwifery etc.
- Social workers, youth workers, probation officers are also likely routes.
- Teaching, counselling, art therapy could also be potential careers.


Level 3 AAQ Cambridge Advanced National in Health & Social Care

Mandatory units:

- Unit 1- Principles of Health and Social Care
- Unit 2 - Anatomy and Physiology for Health and Social Care.
- Unit 3 - Person-centred approach to care.
- Unit 4 - Supporting people with mental health conditions.

There will be 2 additional units that studied alongside the 4 mandatory listed. These will compliment the core units and will provide a solid health and social care foundation of knowledge.

Students are assessed regularly throughout the course, via exams and coursework which students like compared to having final exams at the end of the course.



**THIS COURSE IS NEW
FOR 2025 AND OFFERS
AN EXCITING PATHWAY
INTO HEALTH & SOCIAL
CARE CAREERS THAT
COMBINES
TRADITIONAL HEALTH
AND SOCIAL CARE
CONTENT WITH
SCIENCE.**

FACILITIES

AT BEWDLEY



DISCOVER







PERSONALISED SUPPORT



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