

# Aylestone School

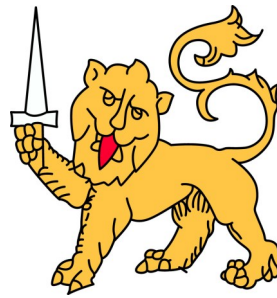
Options 2023-2025

Year 9

Achievement Coordinator Miss L King

Deputy Head Teacher Mr N O'Neil

## Introduction



It is time for our Year 9 students, and their parents/carers, to consider choices of courses for the next two years. These years involve the study for qualifications which will be awarded in the summer of the year 2025.

In Key Stage 4, there are some aspects of the curriculum which are pre-determined: English, Mathematics, Science, Issues & Ethics and Physical Education. This curriculum gives the advantage of guaranteeing a degree of balance and the choices of four further option subjects will need to ensure breadth and balance; under the guidance of both teachers and parents/carers.

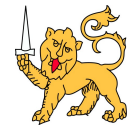
There are opportunities to obtain information, advice and guidance from teachers and our careers advisor at school. Students have already had a significant input into the curriculum on offer and their discussions have helped to design the version that is offered for this year group. Students will also be continually working with their form tutors to help them to understand the process and the choices possible. We encourage our students to make the most of all the help on offer. We all want them to make a choice they are comfortable with and that they will be excited about pursuing for the next two years. Remember we are all here to help.

The options form shows the combinations of courses that are on offer, but does not explain what combination is right for any student. Some subjects will be chosen because students are good at them, or interested in finding out more; others will be chosen because they fit in with future career aspirations. Each subject is described in detail here, with the name of a member of staff to contact for more information if unclear about anything.

Some subjects will enable students to complete the English Baccalaureate (EBacc) which ensures that a broad range of academic subjects are studied. In order to gain the EBacc students at Aylestone will need to have GCSE passes at grades 5 or above in English, mathematics, 2 sciences, a language and history or geography. By gaining the EBacc students are able to access a wide variety of further education opportunities.

The Options Form needs to be submitted no later than Friday 24th March. We will do our very best to allocate students to their preferred courses but this can't be guaranteed. Numbers for some option subjects are limited due to the nature of the subject and if oversubscribed, the student's effort, attainment and progress will be considered. Some courses may not attract enough students so will not be able to run. The curriculum that is being offered is therefore subject to change.

The final timetable that each student will be offered will depend on a combination of their choices, our advice, timetable constraints, popularity of courses and what we believe will give them the best chance of enjoying and achieving in their final two years at Aylestone. The school will make the final decision on all timetables followed. We hope that the information, advice and guidance that students are offered will ensure that they are able to progress to the next stage in their education well prepared for their future.



## Core Subjects

## GCSE English, English Language and English Literature (Core)



### What will I learn?

English Language.

The course builds on skills and knowledge learnt during KS3 working towards two examinations at the end of the course that assess both reading and writing skills in fiction and non-fiction. You will be expected to study a variety of texts including prose from The English Canon and Literary non-fiction. You will also be developing your ability to write for specific audiences and purposes.

Speaking and listening is very important and is formally assessed; you will be given many opportunities to prepare and present your ideas over the two years of study.

English Literature

All sets study English Literature. Here you move your skills on again with the study of poetry, drama texts and novels from a range of periods. There is an expectation that you will provide the texts required for the study – these will be nominated by your teacher during the course in Year 10.

### How will I learn?

There will be a mixture of group work, paired work and independent learning. Access to ICT will be important in order to access up to date reports and news features. We expect you to take responsibility for your progress through regularly reading good quality non-fiction outside the classroom.

### How will I be assessed?

There are four exams at the end of the course which will make up 100% of the total course as both English and Literature must be studied in tandem. These will test your understanding of literary English and crafting the language. There will be key points across the course where you will be expected to complete examinations on the various texts studied and test your writing skills. You will have two qualifications at the end of the course.

### What can I progress to?

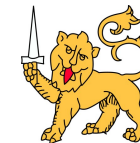
English is an essential qualification. You must have a GCSE in English to be considered for most career routes. A good qualification in this subject will open many doors for you. It is worth noting that English counts towards the English Baccalaureate qualification.

### Further Information

Mrs Tarring

Email [ltarring@aylestone.hereford.sch.uk](mailto:ltarring@aylestone.hereford.sch.uk)

## GCSE Mathematics (Core)



### What will I learn?

You will follow the new 9-1 GCSE in mathematics. You will study mathematics for 4 hours each week, continuing with the focus on problem-solving that you are developing in key stage 3.

Through your studies you will:

- develop fluent knowledge, skills and understanding of mathematical methods and concepts
- acquire, select and apply mathematical techniques to solve problems
- reason mathematically, make deductions and inferences and draw conclusions
- comprehend, interpret and communicate mathematical information in a variety of forms appropriate to the information and context
- develop confidence in mathematical problem-solving.

### How will I be assessed?

All assessment is carried out in end of course written examinations. These will all occur at the end of year 11. You will sit a total of three exam papers, one assessing non-calculator skills and the other two allowing the use of a calculator.

### What can I progress to?

A good GCSE mathematics grade supports access to higher education and is a requirement for many courses and employment choices. The use of mathematics to model real-life situations is prevalent in a wide array of careers.

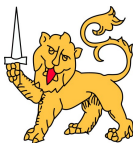
It is worth noting that mathematics counts towards the English Baccalaureate qualification.

### Further Information

Mrs Bowen

Email: [jbowen@aylestone.hereford.sch.uk](mailto:jbowen@aylestone.hereford.sch.uk)

## GCSE Combined Science—Double award (Core)



### What will I learn?

GCSE study in the sciences provides the foundation for understanding the material world. Scientific understanding is changing our lives and is vital to the world's future prosperity. Students will learn essential aspects of the knowledge, methods, processes and uses of science. They will gain appreciation of how the complex and diverse phenomena of the natural world can be described in terms of a small number of key ideas that relate to the sciences and that are both inter-linked and of universal application.

The GCSE in Combined Science enables students to:

- develop scientific knowledge and conceptual understanding through the specific disciplines of Biology, Chemistry and Physics
- develop understanding of the nature, processes and methods of science, through different types of scientific enquiry that helps them to answer scientific questions about the world around them
- develop and learn to apply observational, practical, modelling, enquiry and problem-solving skills in the laboratory, in the field and in other learning environments
- develop their ability to evaluate claims based on science through critical analysis of the methodology, evidence and conclusions, both qualitatively and quantitatively.

There are excellent resources to support students and there is a great emphasis on practical work with all students expected to complete a minimum of 18 core practical activities.

### How will I be assessed?

The GCSE Combined Science will be assessed in six papers each lasting 70 minutes. They will have a mix of question types to include multiple choice questions, short answers, and longer extended answers (worth up to 6 marks). As it is a double award qualification, students will receive two grades. These grades could be the same number, e.g. 6, 6 or 7, 7. However, some students may receive a grade with adjacent numbers, e.g. 6, 7. This will signify a student who is at an intermediate point between the standard required for a 6, 6 grade, and the standard required for a 7, 7 grade

“Working Scientifically” will be assessed by examination questions based on 18 core practical activities completed during the course.

### What can I progress to?

Students gaining two Science GCSE qualifications are able to move on to a great variety of courses and careers. Science will be a requirement if you wish to pursue: Medicine, Engineering, Environmental Science, Patent Law, Veterinary Science, Cytogenetic Technology, Meteorology, Primary and Secondary school teaching.

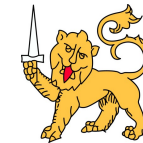
It is worth noting that Science counts towards the English Baccalaureate qualification.

### Further Information

Mrs Perez

Email: [lperez@aylestone.hereford.sch.uk](mailto:lperez@aylestone.hereford.sch.uk)

## Issues & Ethics (Core)



### What will I learn?

Issues and Ethics is a course which embodies elements of the Religious Education and the Personal, Social, Health and Economic Wellbeing curriculum. It intends to challenge students' thinking on issues such as global citizenship, relationship education and staying safe and avoiding risks. The course is enhanced by outside agencies which work with classes to present information and ideas and support their understanding on often complex issues, about which there is often some misunderstanding.

### How will I be assessed?

There is no formal assessment but students will reflect on their learning and experiences and draw together themes at the end of each unit of study. This may be done in writing or in discussion with the class teacher or their peers.

### To what can I progress?

This will support many further career paths, from working with children and vulnerable young people and adults, to law and community work.

### Further Information

Mrs Inglis

Email: [singlis@aylestone.hereford.sch.uk](mailto:singlis@aylestone.hereford.sch.uk)

## Physical Education (Core)



### What will I learn?

At Key Stage 4 you will continue with two hours of Physical Education, split into two, one hour lessons each week. Your lessons will be split into a performance lesson and a competitive lesson. In your performance lesson you will follow a curriculum that offers a variety of activities enabling you to build on and reinforce skills you have learnt in Key Stage 3, as well as having the opportunity to learn new skills in activities you may not have covered in years 7, 8 or 9. In your competitive lesson, you have the opportunity to select and execute your skills in competitive situations via leagues or knockout competitions.

### What will I learn?

Practically, you will follow a curriculum that is based around a variety of activities that include Rugby, Hockey, Netball, Football, Health and Fitness, Table Tennis, Volleyball, Badminton, Tennis, Dance, Athletics, Rounders and Cricket. You will have the opportunity to choose your activities in both the performance and competitive lessons.

### How will I learn?

In your performance lesson, you will continue to be taught new skills as in Key Stage 3, building on your current skill levels and knowledge and understanding of various sports. In your competition lessons, you will be required to work as a team with various pupils in order to succeed. You will be asked to not only take part as a player, but also as a coach, official or administrator.

### Further Information

Mrs Henry

Email: [acollier@aylestone.hereford.sch.uk](mailto:acollier@aylestone.hereford.sch.uk)

# Option Subjects



**GCSE Art & Design**

**GCSE Business**

**GCSE Computer Science**

**GCSE Design & Technology**

**GCSE Food Preparation and Nutrition**

**GCSE French**

**GCSE Geography**

**GCSE History**

**BTEC Tech Award in Music Practice**

**GCSE Psychology**

**BTEC Tech Award in Sport**

**GCSE Single Sciences**

## GCSE Art & Design



### What will I learn?

In our rapidly changing world, where today's technology and practices are out-of-date tomorrow, creative flexibility is an essential skill. GCSE Art & Design not only develops this skill, it can also lead to an exciting future in an art-related occupation - the UK's second highest employment sector.

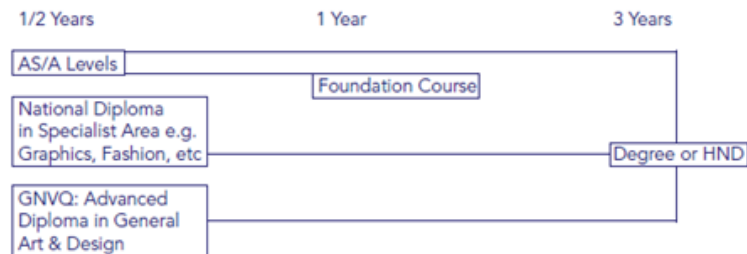
### How will I learn?

Students are required to demonstrate knowledge, skill and understanding in a range of art and design disciplines. This process starts in year 10 with teacher-led learning which establishes a foundation in painting & drawing, ceramics, printing, constructs, methods and the application of ICT in Art. As the course progresses, students gain more independence and, with the support and guidance of their teacher, take the lead in their own work.

### How will I be assessed?

Students are required to produce one unit of course work (worth 60%) and carry out a controlled test (worth 40%) by the end of the spring term in year 11. The course work is a portfolio of the student's best work based around a theme. It should show a logical development leading to a final piece. This includes research, sketchbooks, practical exercises, media experimentation and all preparatory work. The controlled test is broken down into two stages: preparation and examination. Preparation starts with the issue of the exam paper (at the start of the spring term year 11) followed by a period of research and experimentation leading up to a 10-hour exam. Course work and the controlled test are marked by the Art Department staff at the end of the spring term in year 11 before being externally moderated.

### What can I progress to?



### Further Information

Mr Stevenson

Email: [mstevenson@aylestone.hereford.sch.uk](mailto:mstevenson@aylestone.hereford.sch.uk)

## GCSE Business



### What will I learn?

You will explore the purpose and role of a business from first spotting an enterprising opportunity through to the growth of an established business, taking a closer look at the role of marketing and human resources. You will then take a closer look at the role of operations and finance and be introduced to the external influences on business, exploring the importance of these influences and how businesses change in response to them.

### How will I learn?

Over the course of the qualification you will be learning from a series of case studies, videos and real-life business scenarios, to understand the world of business that you are living in.

### How will I be assessed?

GCSE Business Studies comprises of 100% written examination.

The assessment is structured as follows:

- Business 1: Business Activity, Marketing, and People: 50%. 1 Hour 30 Minutes Paper
- Business 2: Operations, Finance and Influences on Business: 50%. 1 Hour 30 Minutes Paper

### What can I progress to?

Progression to further study from GCSE will depend upon the number and nature of the grades achieved. Broadly, candidates who are awarded mainly Grades 4 to 1 at GCSE could either strengthen their base through further study of qualifications at Level 1 within the National Qualifications Framework or could proceed to Level 2. Candidates who are awarded mainly Grades 5 to 9 at GCSE would be well prepared for study at Level 3 within the National Qualifications Framework. In the business sector, learners would be aiming to move into entry-level roles, such as assistants in business administration, marketing, finance, human resources, sales and customer service.

### Further Information

Mrs Beaurain

Email: [ibeaurain@aylestone.hereford.sch.uk](mailto:ibeaurain@aylestone.hereford.sch.uk)

## GCSE Computer Science



### What will I learn?

This qualification is a mixture of theory (so students understand the enduring principles and abstract concepts of computer science) and computational thinking and practice (so students learn how to solve problems, write efficient code and build working systems). It provides opportunities for students to understand the impacts of digital technology to the individual and to wider society and to develop as responsible practitioners.

There are 2 key components to the computer science course:

Component 1 – Computer Systems

Component 2 – Computational Thinking: Algorithms & Programming

### How will I learn?

You will learn all topics through a mixture of practical and theoretical tasks. These tasks will be linked to real world scenarios which will give you the opportunity to explore possible designs while learning the skills needed to find solutions.

### How will I be assessed?

The OCR GCSE (9–1) in Computer Science consists of two externally-examined papers

Component 1 – Computer Systems: 50% of the qualification

Written examination: 1 hour 30 minutes

Component 2 – Computational Thinking: Algorithms & Programming: 50% of the qualification

Written examination: 1 hour 30 minutes

Students will also be given the opportunity to undertake a programming task, either to a specification or to solve a problem, during their course of study. Students may draw on some of the content in both components when engaged in Practical Programming.

### What can I progress to?

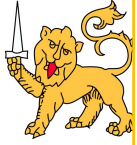
The depth of coverage means that it provides a solid foundation for either the study of A level Computing or employment, for example, software developer, website designer, programmer, network analyst. It is worth noting that a GCSE in Computer Science counts towards the English Baccalaureate qualification.

### Further Information

Mrs Beauran

Email: [ibeaurain@aylestone.hereford.sch.uk](mailto:ibeaurain@aylestone.hereford.sch.uk)

## GCSE Design & Technology



### What will I learn?

Learning is based on a variety of design and practical tasks in wood and plastic. You will learn how designers design the weird and wonderful as well as the practical. Projects in CAD/CAM will develop your skills in Computer Aided Design and Making, and practical projects will expand your making skills in preparation for your Controlled Assessment task in year 11.

### How will I learn?

In year 10, you will complete a range of design and make projects, using wood and plastic as well as CAD/CAM. The projects will follow the design process:

DESIGNING - investigation leading to the production of a variety of ideas which, after development, promotes the evolution of a design proposal in detail.

MAKING - selection and use of materials, processes, tools and equipment to produce high quality prototypes.

KNOWLEDGE AND UNDERSTANDING - all aspects which aid the development of a designing and making capability but, specifically, those relating to materials and components, systems and control, structures, products and applications, quality and Health & Safety.

### How will I be assessed?

In year 10 you will be assessed by your teacher at various stages in the project and will complete a final assessment at the end of each project. We follow the new AQA Design & Technology syllabus and the GCSE is 50% Controlled Assessment and 50% external theory exam, the latter taking place at the end of year 11. AQA set the Controlled Assessment tasks and you will be given a range of tasks to choose from. Previous tasks include: jewellery, coffee table, garden project and storage and you will have 35 hours to complete a design folder and a practical outcome. This is worth 50% of your final grade. The external theory exam makes up the remaining 50% of your grade.

### What can I progress to?

Engineering, construction, welding, blacksmithing, jewellery designer and maker, goldsmith, silversmith, teacher, lecturer, furniture maker, set designer, set constructor, toy designer and many, many more B.A Jewellery and Metalwork.

### Further Information

Mr M Stevenson

Email: [mstevenson@aylestone.hereford.sch.uk](mailto:mstevenson@aylestone.hereford.sch.uk)

## GCSE Food Preparation and Nutrition



### What will I learn?

This course is a full GCSE. There is however, still an amount of theory work that needs to be completed. By studying this course, learners will:

- Demonstrate effective and safe cooking skills
- Develop an understanding of functional properties and chemical characteristics of food
- Understand the relationship between diet, nutrition and health
- Demonstrate knowledge of food safety in all aspects of cooking
- Explore different culinary traditions

### How will I be assessed?

**Component 1:** Principles of Food Preparation and Nutrition

**Assessment:** Written examination 1 hour 45 minutes worth 50% of the qualification

**Component 2:** Food Preparation and Nutrition in Action worth 50 % of the qualification

**Assessment:** Food Preparation assessment (3 hour practical assessment & written documentation)

All Assessments will take place in Year 11

### How will I learn?

As part of this course you will undertake a variety of hands-on activities designed to improve your practical skills. In addition to the focused practical tasks, there is still an amount of theory work that needs to be completed.

### What can I progress to?

You could:

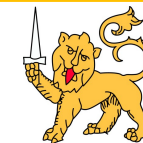
- Go to College or private trainer provider
- Get an apprenticeship
- Go into employment
- Further Qualification: City and Guilds Level 2 NVQ Diploma in Professional Cookery

### For further information:

Mr Stevenson

Email: [mstevenson@aylestone.hereford.sch.uk](mailto:mstevenson@aylestone.hereford.sch.uk)

## GCSE French



### What will I learn?

A GCSE in French is an incredibly useful qualification which will contribute to you becoming a well-educated and independent citizen in our rapidly changing and diverse world. As well as learning a language, you will increase in confidence, improve your communication skills and learn to listen for both gist and detail, as well as working both individually and as part of a group. The invaluable communication skills and creativity developed through learning a foreign language will develop your curiosity and deepen your understanding and appreciation of other cultures, both in your own country and around the world. You will study the language through the following themes:

- Identity and culture
- Local area, holiday and travel
- School
- Future aspirations, study and work
- International and global dimension.

### How will I learn?

The course allows you to access the language and learn through books, an online digital learning platform and also by using a wide range of authentic resources such as websites, magazine articles, reports and various literary extracts, using a variety of learning methods and styles. All four language-learning skills (reading, writing, listening and speaking) will be developed and assessed. You will do lots of spoken work as well as focusing on learning vocabulary and grammar. You will develop your ability to use language independently so that you can write and talk about topics of interest.

### How will I be assessed?

GCSE French is assessed by 100% examination at the end of year 11.

Listening (25%)

Speaking (25%) – role play, discussing a photo and general conversation

Reading (25%)

Writing (25%) – writing in French, including translation

The 1-9 grading system will be applied and there is the option of taking the GCSE at either foundation (grades 1-5) or higher (grades 4-9) level.

### What can I progress to?

Studying languages to GCSE and beyond develops communication skills. Language knowledge can be useful in many areas, including business, engineering, tourism, education, medicine, journalism, law and industry. In order to take a GCSE in French to AS or A2 level, a grade 6 or above at GCSE will be considered necessary. Students should note that if they are considering Higher Education courses, some universities may insist on a GCSE in a Modern Foreign Language **WHATEVER** the course students wish to take.

It is also worth noting that a French GCSE counts towards the EBacc qualification.

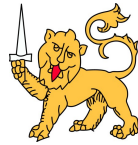
### Further Information

Mrs Beaurain

Email: [ibeaurain@aylestone.hereford.sch.uk](mailto:ibeaurain@aylestone.hereford.sch.uk)



## GCSE Geography



### What will I learn?

AQA GCSE Geography.

This course builds on skills and knowledge learnt during KS3. There is a mixture of Human Geography, for example population studies, and Physical Geography, for example natural hazards. There will be some geographical enquiry where students will need to use their geographical skills to investigate and develop a decision making process to evaluate a problem.

### How will I learn?

There will be a mixture of group work, paired work and independent learning. Access to ICT will support the research into the latest information on topics. Fieldwork will also be a requirement from the exam board.

### How will I be assessed?

This is a linear course which means that all formal assessment will happen at the end of the course. There will be three exams which together will make up 100% of your mark. Fieldwork will be assessed within these units.

### To what can I progress?

Geography is highly regarded by 6<sup>th</sup> form colleges and higher education as a subject that requires many skills in research, data processing and presentation of information so it will always look good on applications to college.

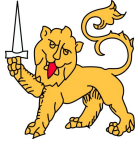
Careers which use the skills learnt in Geography include Town Planning, Resource Management, Conservation and Teaching.

### Further Information

Mrs Inglis

Email: [singlis@aylestone.hereford.sch.uk](mailto:singlis@aylestone.hereford.sch.uk)

## GCSE History



### What will I learn?

AQA GCSE History

The course covers four units of work from medieval times to the modern day. We will be studying topics titled: The Norman Conquest, Medicine and Health in Britain from Medieval Times to the 21<sup>st</sup> Century, German History from 1890 – 1945 and Conflict and Tension in the Modern World.

### How will I learn?

Through a wide variety of activities; independently, paired and in groups. Some of it will be literacy based: newspaper articles, speeches, source analysis and essays; others more practical: research activities, debates, presentations.

### How will I be assessed?

The course is a linear one so all formal assessment happens at the end of Year 11. There will be two exams at the end of the course. This will make up 100% of your mark.

### To what can I progress?

History is highly regarded by 6<sup>th</sup> form colleges and higher education as a rigorous and challenging subject so it will always look good on applications to college. Careers which use the skills learnt in History include law, any sort of management, business, accountancy, teaching, army and police work.

### Further Information

Mrs Inglis

Email: [singlis@aylestone.hereford.sch.uk](mailto:singlis@aylestone.hereford.sch.uk)

## BTEC Tech Award in Music Practice



### What will I learn?

This course provides an engaging and relevant introduction to the music industry. The tech award gives learners the opportunity to develop sector-specific applied knowledge and skills through realistic vocational contexts. The main focus is on four areas of equal importance, which cover:

- ◆ Development of key skills that prove learners aptitude in music, such as responding to a musical brief, using musical skills and techniques.
- ◆ Effective ways of working within the music industry, such as the development of musical ideas, and using skills and techniques for rehearsal, creation, production and performance.
- ◆ Personal management and communication.
- ◆ Musical skills and styles.

### How will I learn?

The course will be delivered through a combination of theory and practical lessons which aim to develop your skills such as using musical elements, music creation, performance and music production. This course will give you the opportunity to apply knowledge and skills in a practical way through exploration and development of techniques and styles, whilst enhancing your knowledge and understanding of the key theoretical aspects.

### How will I be assessed?

Throughout the course you will study three mandatory components covering the underpinning knowledge and skills required within the music industry. The Assessments will be a mixture of written assignments, practical performances and a practical exam:

Component	Assessment
Exploring Music Products and Styles	Internally Assessed
Music Skills Development	Internally Assessed
Responding to a Music Brief	External Exam

### What can I progress to?

If you are interested in taking your study of music further studying this qualification will give you a strong foundation for academic and vocational study at level 3. Further study includes apprenticeships, AS/A Levels in Music and Music Technology as well as BTEC National Diplomas in Music, Popular Music and Music Technology. Future jobs might include careers in the music industry, publishing, entertainment and teaching.

### Further Information

Mrs Henry:

Email: [acollier@aylestone.hereford.sch.uk](mailto:acollier@aylestone.hereford.sch.uk)

## GCSE Psychology



### What will I learn?

Psychology is a scientific subject that looks at brain and behaviour.

Topic areas including the following will be studied:

- Development
- Memory
- Psychological problems
- The brain & neuropsychology
- Social influence
- Research methods

### How will I be learn?

Psychology is an academic subject that demands dedicated effort. Learning is based on analysis of psychological theories and evaluation of research studies. A major part of this is class discussion where you will be required to give your opinions and support them with evidence from these theories and research studies. This then feeds into the presentations you will be expected to give in front of the rest of the class. You will also be expected to construct written arguments supporting or disagreeing with particular theories and studies. There are opportunities for you to carry out your own mini-research projects at certain points during the course.

### How will I be assessed?

- This course is assessed by examination at the end of year 11. There are two exam papers.
- Paper 1 = 55% of total GCSE grade
- Paper 2 = 45% of total GCSE grade

### What can I progress to?

- AS/A2 Psychology, Biology, Sociology.
- Professions- police, teaching, law, medicine, social work, probation service, psychologist.
- Vocations- public service, leisure industry, education, training and coaching, selling, marketing, advertising.

### Further Information

Mrs Bowen

Email: [jbowen@aylestone.hereford.sch.uk](mailto:jbowen@aylestone.hereford.sch.uk)

**BTEC**

## Tech Award in Sport



### What will I learn?

This course provides an engaging and relevant introduction to the world of sport. It incorporates important aspects of the industry, such as preparing participants to take part in sport, improving and analysing sports performance and developing fitness to improve sports performance. This course enables you to develop and apply your knowledge, whilst also developing a range of relevant practical, communication and technical skills.

### How will I learn?

This course will be delivered through a mixture of theory and practical lessons, enhancing your knowledge and understanding of the key theoretical aspects of sport and exercise and using this to enhance personal performance in a range of areas including sports performance and leading and officiating others.

You should have an interest in physical education and sport, enjoy being active and appreciate the benefits of keeping fit and healthy. If you participate regularly in sport outside curriculum lesson time then this will highly support your progression throughout the course.

### How will I be assessed?

Throughout the course you will study three mandatory units covering the underpinning knowledge and skills required for the sports sector:

- **Preparing Participants to Take Part in Sport and Physical Activity** — Internal assessments
- **Taking Part and Improving Other Participants Sporting Performance**— Internal assessments
- **Developing Fitness to Improve Other Participants Performance in Sport and Physical Exercise**— External assessment (written exam 1 hour and 30minutes)

### What can I progress to?

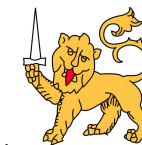
If you are interested in taking your study of sport further studying this qualification will give you a strong foundation for academic and vocational study at level 3, including apprenticeships. The course develops the transferable skills and key skills that employers are looking for and can lead to a wide variety of employment opportunities. This can include further training in areas such as recreational management, leisure activities, coaching, officiating, the fitness industry, the armed forces and the civil service.

### Further Information

Mrs Henry

Email: acollier@aylestone.hereford.sch.uk

**GCSE Single Sciences**



### What will I learn?

The Sciences option encourages students to be inspired, motivated and challenged by following a broad, coherent, practical, satisfying and worthwhile course of study. It encourages learners to develop their curiosity about the living, material and physical worlds and provides insight into and experience of 'working scientifically'. It enables learners to engage with each science on its own and gain a qualification in each individual science which may help them make informed decisions about further study in science and related subjects and career choices.

The Sciences course includes all of the material in GCSE Combined Science, but it also has extension topics together with 24 Core practicals, that lead to the award of three separate GCSEs: Biology, Chemistry and Physics.

The extension topics offer a chance to study some more interesting and sophisticated science such as:

- Biology: Investigate the factors that affect enzyme activity
- Chemistry: Investigate the preparation of pure, dry, hydrated copper sulphate crystals starting from copper oxide
- Physics: Describe uses of ultrasound and infrasound, including: sonar, foetal scanning and exploration of the Earth's core

### How will I be assessed?

Students will sit six papers each lasting 1 hour and 45 minutes. Each paper will consist of a mixture of different question styles, including multiple-choice questions, short-answer questions, calculations and extended open-response questions. Students will be awarded three GCSE grades for the separate subjects of Biology, Chemistry and Physics.

"Working Scientifically" will be assessed by examination questions based on 24 core practical's completed during the course.

### What can I progress to?

Students gaining three Science GCSE qualifications are able move on to a great variety of courses and careers. Science will be a requirement if you wish to pursue: Medicine, Engineering, Environmental Science, Patent Lawyer, Veterinary Science, Cytogenetic Technology, Meteorology, Primary and Secondary school teaching. It is worth noting that Science counts towards the English Baccalaureate qualification.

### Further Information

Mrs Perez

Email: lperez@aylestone.hereford.sch.uk