



# Lucton School

Founded 1708



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**Welcome to Lucton School, where tradition meets a forward thinking approach to education.**

At Lucton, we believe that education is about more than just academics; it is about developing the whole person. Our mission is to foster a learning environment that emphasises not only intellectual growth but also emotional and social development.

In a world that often feels fast-paced and competitive, we prioritise empathy, compassion, and understanding. We encourage our students to care for one another and to contribute positively to their communities. By instilling these values, we prepare them not just for academic success, but for meaningful lives filled with purpose and joy.

Holistic education at Lucton means that we focus on the development of every aspect of our students' characters. Alongside a rigorous academic curriculum, we offer a wide range of co-curricular activities designed to inspire creativity, resilience, and a love of learning. From sports to the arts, from outdoor education to leadership opportunities, our students are encouraged to explore their interests and talents, guided by dedicated staff who are experts in their fields.

As the new Headmaster, I am excited to build upon Lucton's rich heritage while also to embrace new opportunities for growth and innovation. My door is always open, and I look forward to working closely with parents, staff, and students to create a school environment where everyone can thrive.

It would be a pleasure to welcome you to Lucton School. Please feel free to email [admissions@luctonschool.org](mailto:admissions@luctonschool.org) should you wish to book a meeting and tour of our wonderful school.

Mr Andrew Allman  
**Headmaster**

## **Introduction to the Sixth Form at Lucton School:**

Since our founding in 1708, we have been dedicated to nurturing confident, independent thinkers who are ready to embrace their futures with enthusiasm. Set within our beautiful 55-acre campus, Lucton offers a range of opportunities both inside and outside the classroom. From flexible boarding options that cater to modern family needs, to personalised tutoring and dedicated UCAS preparation, we ensure every student receives the individual attention they deserve. Our outstanding sporting facilities and broad co- curricular programme further enrich their school experience, fostering both academic and personal growth.

Our rich and varied A-level curriculum is designed to inspire curiosity and creativity, ensuring that every student feels empowered to explore their potential and passions. On any given day, you'll find Lucton students actively engaged in a wide range of activities, from experimenting in our science labs and creating impressive artwork, to preparing CCF command tasks or excelling on the sports field. Our personalised approach ensures that students receive individual attention, with expert tutors providing guidance that extends beyond the classroom. Our dedicated UCAS and Oxbridge preparation supports students as they plan their futures, giving them the confidence to pursue their ambitions.

Leadership and initiative are core values at Lucton. Students are encouraged to take charge of school activities, from organising events and leading clubs to mentoring younger peers. We believe that every student should have the opportunity to lead, collaborate, and succeed in any sphere they choose, and at Lucton, no ambition is too great. Our Sixth Form is vibrant, full of energy, and packed with opportunities that will help you grow not only academically but also as an individual. We are committed to helping each student realise their full potential, providing the guidance and encouragement needed to achieve the highest standards. The vast majority of students will opt for three A-levels from the onset and may elect to pursue the EPQ or MOOCs.

Our teaching staff bring an infectious enthusiasm and a passion for their subjects, ensuring that lessons are engaging and purposeful. With their support, and our personalised UCAS preparation, you'll leave here with the qualifications, skills, and drive to take the next steps towards achieving your ambitions. Our exceptional pastoral care ensures that students feel valued and supported throughout their time here. As our Sixth Form students graduate, they move on to prestigious universities and exciting careers, well-equipped for the future. Lucton Sixth Form is a place where you'll find your passions, forge lifelong friendships, and create memories to last a lifetime. We look forward to seeing what you will achieve here.

**Gwenllian Thomas Assistant**

**Head (Academic)**

# Subjects



## Fine Art



### AQA 7202

The creative industries sector is vibrant, broad and diverse. A Level Fine Art concentrates on developing individuality and nurturing the fundamental critical and contextual awareness required to succeed within this industry. In their first year, students will be introduced to a variety of experiences that explore a range of fine art media, processes and techniques. These include drawing and mark-making, lino printing, screen printing, collage, acrylic, watercolour and oils. Students are assessed on a varied portfolio of work built up over the two-year course. This is developed through discussion and guidance with their teacher and reflects their own personal ideas and responses to the world around them. In the latter half of Year 13, skills are assessed through a final examination project.

Fine Art is an excellent alternative to traditionally academic subjects and many of the skills developed on the course, including creative problem solving and contextual perception, complement a huge variety of subjects including History, English and Music.

**How is it assessed?** AQA Fine Art is assessed through a personal investigation (coursework) worth 60% of the grade and an externally set assignment (15-hour exam) worth 40%.

## Biology

### OCR H020/H420

The broad course offered in A Level Biology begins by studying microbiology (biochemistry, genetics, biotechnology and anatomy) before moving on to the study of microbiology (ecosystems, evolution and conservation). The topics taught allow for a vast array of experiments, most of which students will not have encountered before, and there are also many opportunities to undertake fieldwork.

Biology links perfectly with many other A Level subjects including Geography, Chemistry and Psychology and studying Biology in combination with any of these subjects will dramatically increase both the choices of courses available at university and job opportunities.

### How is it assessed?

For OCR Biology (H420), the assessment consists of three written papers: Biological Processes, Biological Diversity, and Unified Biology, which together make up 100% of the final grade. In addition to the written exams, the course includes a practical component.



## Chemistry

OCR H032/H432



Building upon the knowledge and skills developed during GCSE, A Level Chemistry is a fascinating, engaging and challenging subject with an emphasis on developing research, problem solving and analytical skills. During their first year, students study a total of four modules. These modules cover the development of practical laboratory skills, foundations in chemistry, the periodic table and energy, and core organic chemistry and analysis. As the course progresses, students study a further two modules on physical chemistry and transition elements and organic chemistry and analysis.

There is also plenty of opportunity to carry out experimental and investigative practical work and students also have the chance to compete in prestigious national competitions including the Cambridge Chemistry Challenge and the Royal Society of Chemistry Olympiad. Chemistry is a numerate subject and as such, is a good choice for those wishing to pursue pathways in medicine, law, accountancy and, of course, science.

### How is it assessed?

OCR Chemistry is assessed by three written exams and a separate practical element.

## Classical Civilisation

OCR



Classical Civilization is a broad and varied course studying the Classical world of Ancient Greece and Rome through the study of literature alongside ancient art, temples, and theatres. This is an excellent A level for any student with an interest in the development of human society and civilization, examined through the filter of mythology, literature, art, and architecture. No prior knowledge or study is needed.

It gives students a good foundation and knowledge of some of the key aspects of the cultures from which western civilization has sprung.

The course consists of three modules: one on epic poetry, that is, Homer's *Odyssey* and Virgil's *Aeneid*; one on Greek Theatre, where we study three plays, two tragedies and one comedy; and a module on Greek Religion, where we look at ancient beliefs in the Olympian gods, ancient Greek festivals, and rituals.

Any student who enjoys history, English literature, storytelling, reading, drama, and art should relish this course. It is accessible, and enthusiasm and hard work make high grades very attainable.



## Design & Technology

Design and Technology is a challenging hands-on subject, which allows students to explore their creativity whilst learning a series of useful, practical skills. Available as both an AS and A Level, the course covers a broad but focussed curriculum that has considerable scope for highly individual outcomes.

Topics studied include material characteristics, advanced processes and techniques, digital technologies, effects of technological developments and manufacturing industries. A major component of the second year is the Independent Design and Make Project, where students produce a small-scale design, make and evaluate project which requires them to respond to a realistic design brief whilst taking into account the needs and wants of the user. Students benefit from a well-equipped workshop and expert teaching, and by the end of the course will be able to recognise and respond effectively to design needs and have an understanding of how current global issues, including integrating technology, impacts on today's world.



## Drama & Theatre

**7261/7262**

Drama and Theatre Studies is an exciting course that gives students the tools to develop a comprehensive understanding of drama and theatre performance. Students have the opportunity to develop a broad range of skills and techniques both on stage and off, and to specialise in areas including acting, directing, set composition, lighting, sound and costume design. The course emphasises practical creativity alongside research and theoretical understanding and students are introduced to a variety of theatrical styles and contexts as they explore plays practically and refine their performance skills. Studying Drama builds both confidence, resilience and maturity which not only complement many other subjects but are also valuable life skills that will benefit students in the future.

**How is it assessed?** The course includes practical elements with working notebooks, it is approximately 30% practical overall. This qualification is offered through the AQA exam board.





## Economics

### OCR H060/H460

Economics at Lucton encourages students to think analytically and use a wide range of data to reach substantiated judgements. Students look at both microeconomics and macroeconomics and consider topics such as resource allocation, market failure, government policies, global trade and macroeconomic variables. At A2, in depth topics such as monopolies and labour markets are also considered.

Students are taught how to apply data to real-world issues and must create diagrams and complex models in order to explain these. Economics is centred around a logical train of thought and this - rather than specific numerical skills - is the key to a good economist. As a social science, Economics pairs well with both scientific and mathematical subjects, as well as humanities such as History and Psychology. Many students choose a wide range of degrees stemming from Economics, including business, finance and history.

**How is it assessed?** The A Level is assessed through three written exams, covering both microeconomics and macroeconomics, along with a third synoptic paper.



## English

### Edexcel 9ET0

For students who are passionate about reading, forming strong viewpoints and discussing their opinions, A Level English Literature is an excellent choice. The course examines poetry, prose and modern and classic drama including texts by Shakespeare, Tennessee Williams and Thomas Hardy. The course provides a solid overview of how writers use dramatic devices to shape meaning and evoke responses in audiences and students learn to communicate their understanding and knowledge fluently, accurately and effectively.

A Level English places strong emphasis on developing independent study skills and essay writing and, as such, is particularly well respected by UK universities. It also complements any A Level combination but works especially well with Art, Drama and humanities subjects including languages, History and Economics. Past students have progressed to university in subjects as varied as journalism, law and politics.

### How is it assessed?

The Edexcel 9ET0 A-Level English Literature is assessed through three written exam papers and one coursework component (20%).



## Mathematics

### Edexcel 9MA0

A Level Maths involves learning how to identify problems, break them down into smaller parts, and come up with solutions. This type of analytical thinking, such as critical thinking, problem solving, reasoning and communication, can be applied to many different areas of life, helping you develop valuable skills that they can use in the future. The course builds on GCSE knowledge and skills and introduces new ideas, such as calculus. The majority of the course involves using algebra and covers topics such as trigonometry, co-ordinate geometry, differentiation and integration (calculus), algebraic techniques and functions. Students also study statistics and mechanics. Statistics develops the skills required to interpret real data presented in summary or graphical form and helps us to draw conclusions, whilst mechanics teaches students to describe and make predictions about how physical objects move and interact with each other. It involves ideas such as velocity, acceleration, force, and mass, which are central to understanding how the world works. Maths is valuable in many walks of life and career pathways can include banking and finance, industry and management and many other diverse fields, from climate change science to computer game design. Having this qualification can give you an advantage over other applicants and can help you get a place at a good university and increase future earning potential.

### How is it assessed?

The Edexcel A Level Mathematics (9MA0) qualification is assessed through three written exams, each contributing equally to the final grade.

## Further Mathematics

### Edexcel 9FM0

Further Mathematics is designed for students wishing to study mathematics, engineering, the sciences or economics at degree level. The qualification is both deeper and broader than A Level Mathematics. As well as building on algebra and calculus introduced in A Level Mathematics, the pure content introduces complex numbers, matrices, polar coordinates, hyperbolic functions, differential equations and fundamental mathematical ideas with wide applications in mathematics, engineering, physical sciences and computing.

The two applied modules, Decision Mathematics and Further Mechanics, are also studied. Decision Maths is an excellent introduction to discrete maths, concentrating on algorithms and understanding how pure maths is used for real world modelling. The module in Further Mechanics develops the Mechanics concepts learned in the A Level Mathematics course. For

many Mathematics or mathematical based degree courses at Oxford, Cambridge and Russell Group universities, Further Mathematics is a requirement. The high-earning potential that students could gain from having this qualification will offer them security for the future.

### **How is it assessed?**

The Edexcel A Level Further Mathematics (9FM0) qualification is assessed through four written exams, each contributing 25% to the final grade

### **Core Mathematics (Pearson Edexcel Level 3 Certificate in Mathematics in Context - 7MC0)**

This Core Mathematics course offers a broad and practical qualification, ideal for students studying subjects like Psychology and Biology that require applied mathematical skills. It emphasizes real-world applications of mathematics to ensure students develop the essential skills needed for quantitative analysis and data handling in their studies.

### **Entry Requirement:**

A minimum of Grade C in GCSE Mathematics is recommended.

## **Geography**



### **AQA 7036/7037**

A Level Geography encourages students to consider the impact that human processes are having on the physical geography of our planet. The course integrates both human and physical geography and covers a broad mix of topics including water and carbon cycles, coasts and natural hazards, globalisation and urbanisation. During the course students develop the skills required to process and analyse raw data as well as write insightful essays. Through enthusiastic teaching, debating and fieldtrips, all students develop a rich awareness of twenty first century issues and an understanding of the exogenous and endogenous factors that shape our lives. Whether you aim to be a lawyer, doctor, vet, farmer, architect, journalist or a teacher, and have a passion for the planet upon which we live, A level Geography, a subject which neatly bridges the gap between art and science, could be the course for you.

**How is it assessed?** AQA Geography (7036/7037) is assessed through a combination of written exams, focusing on physical and human geography, and a fieldwork-based Independent Investigation.



## Graphic Communication

### AQA 7203

Graphic Communication at A Level is an opportunity for students to explore the exciting and ever-evolving world of visual communication. This particular art specialism introduces students to a range of graphic communication processes and techniques. During the course students learn the fundamentals of graphic design including designing for a brief, target audience, layout, type and illustration. Students build up a portfolio of independent work that responds to the world around them. They learn to solve problems and become effective visual communicators. They have the opportunity to develop their skills using digital media and are encouraged to be very experimental throughout the whole exciting design process.

How is it assessed? AQA Graphic Communication is assessed through a combination of a practical portfolio and an externally set assignment, evaluating students' creative and technical skills in graphic design and visual communication.

## History



### OCR H105/H505

A level History at Lucton comprises three examined medieval and early modern study units (Anglo-Saxon England and the Norman Conquest, the Tudors and the reign of arguably the most powerful man in the early modern world, the Emperor Charles V), as well as an independent coursework essay, which will ideally be based on an event, historical figure, type of history or culturally appropriate topic of the students' choice. Collectively, the course offers breadth and a strong focus on analytical and evaluative skills, where students are encouraged to think in order to reach and explain substantiated judgements of their own about the past. It is a fascinating subject in itself, but also feeds well into the study of many courses at university, including law, politics, international relations and journalism. For those considering the world of work after school, history is also one of the UK's most employable A-level subjects, as it encourages a wide range of independent thinking, decision-making and personal (e.g. written communication) skills, all of which are highly valued by employers.

#### How is it assessed?

OCR History is assessed through three written exams (80%) and a coursework essay (20%). The subject focuses on historical understanding, analysis and interpretation, and

the evaluation of primary and secondary sources across different periods. A shortened course (H105) is also available, leading to an AS level qualification



## Information Technology

**CIE 9626**

The effective use of IT is a core business skill and this course will provide an excellent foundation for both the world of work and the many IT-based courses available at university in areas such as communications, data analysis and systems development. Students will develop advanced modelling and database capabilities alongside graphics, sound recording and use of digital image and video. Also covered is the structure and use of IT systems within an extensive cross-section of organisations, including the use of a variety of computer networks, and students gain an understanding of IT system life cycles and how these affect the workplace. Although not specifically taught within the course, IT can also work particularly well for students interested in graphic design and game design applications. As clearly related to real-life business situations as possible, the course contains a considerable amount of anecdotal material and, in recent years, has been complemented by external visitors and informative trips to Jaguar Land Rover and Bletchley Park.

How is it assessed?

Cambridge International AS & A Level Information Technology is assessed through two written exam papers that test both theoretical knowledge and practical skills, with no coursework component.

## Modern Foreign Languages



*Languages on offer:*

**Chinese:** 9CN0 **French:** 9FR0

**Spanish:** 9SP0

**Italian:** 9IN0

Exam board: Pearson Edexcel

There are many exciting career opportunities for those with knowledge of a foreign language and it can significantly enhance prospects for those interested in law, business, journalism and the civil service amongst others. These courses allow students to develop their language skills through the study of social issues and trends in the society of their chosen language. They also provide the opportunity to investigate the country's recent history and explore aspects of the political and artistic culture of their chosen country of study. In addition, students will be required to examine literary texts and film. The prescribed text lists include a range of classic

and contemporary novels, short stories, plays and films. Learning a language to an advanced level encourages students to develop their own opinions and ideas and to develop the communication and independent learning skills which are so highly valued by universities and employers.

How is it assessed?

There are two external written papers assessing listening, reading and writing. The third paper is the speaking assessment which is conducted internally and externally marked by Pearson Edexcel. The speaking assessment includes the preparation of an Independent Research Project (IRP).

## Music

Whether you are a talented instrumentalist, composer or performer, A Level Music will challenge and inspire you. Learners develop skills in the three distinct but related disciplines of performing, composing and appraising and have the flexibility to specialise in either performing or composing as the course develops. Instrumental lessons are taught in both small group and one-on-one classes and students have regular opportunities to perform in an array of ensembles, bands and chamber choirs.

All students learn about the development of the symphony in addition to selecting one area of study from Pop and Rock, Musical Theatre and Jazz in order to explore the musical language and styles from either the early twentieth century or the late twentieth and early twenty-first centuries. Some students choose to continue their interest in the subject at university whilst others pursue a variety of different pathways, but regardless of how they choose to progress, A Level Music combines effectively with a large number of courses.

## Physical Education



**OCR H155/H555**

A Level Physical Education encourages students to immerse themselves in the world of sports and PE. Divided into four components, the course covers physiological factors affecting performance, psychological factors affecting performance, sociocultural issues in physical activity and sport and performance in physical education. Each component is further subdivided into topic areas and the detailed content associated with those fields. During the course students develop practical and academic skills including communication using appropriate language, dealing with pressure, split-second decision making and analysing and evaluating performance. The mixture of practical skills and theoretical knowledge also indicates to universities and employers that a student with a qualification in A Level PE is a flexible learner with a broad set of transferable skills.

How is it assessed?

OCR Physical Education is assessed through a combination of written exams, practical performance, and a non-examined assessment (coursework), with practical and coursework components.



## Physics

### OCR H158/H558

Developments in physics have led to exciting new technologies and other valuable advancements and discoveries which have shaped the world in which we live. In A Level Physics, students use mathematics to investigate some of the universe's biggest questions and have great fun delving into the intricacies of how the world around us works. While some of this will be developing familiar territory from GCSE, a large part of the course deals with understanding how waves, light, matter and electricity interact to produce the world we see. These ideas are further developed to improve understanding of everything from the tiniest particles of stars to gravity and cosmology. Many A Level physicists go on to study the subject at university and of all jobs taken up by physics graduates, almost 50% are in business, finance, IT or engineering; all highly respected and rewarding careers.

How is it assessed? OCR Physics is assessed through written exams covering theoretical concepts, with a practical endorsement (non-examined assessment).



## Psychology

### AQA 7181/7182

A fascinating and effective introduction to psychology which will appeal to a cross-section of students regardless of whether or not they have studied the subject before. Psychology, the study of the human mind and behaviour, is a popular subject which is attractive to students because it develops valuable skills, including critical analysis, independent thinking and research. In Year 12, the course covers some fascinating topics including social influence, memory, attachment, psychopathology, explaining and treating OCD, depression and phobias and research methods. In Year 13 students study biopsychology, issues and debates in psychology, gender, schizophrenia and forensic psychology. The ability to write clearly is essential in order to apply psychological principles and theories to the descriptions of novel scenarios. In addition, students will also be required to participate in classroom discussion as well as to design, undertake and evaluate their own research.

How is it assessed? AQA Psychology is assessed through three written exams, with no coursework component.

## **Religious Studies: *Philosophy, Ethics and Christianity***

### **AQA 7062**

In AQA A-Level Religious Studies, students delve into profound philosophical, ethical, and theological issues, such as the nature of God, ethical theories like utilitarianism and situation ethics, and key debates around Jesus' divinity. Lessons are taught by subject specialists in a structured, supportive environment, enhancing focused learning. Throughout the two-year course, students develop critical skills such as constructing sound arguments, utilising scholarly texts, and engaging in deep independent research. These competencies are not only crucial for university-level study but also serve as foundational skills for a wide array of careers. RS students have pursued degrees in subjects as varied as Law, Medicine, Mathematics, Theology, and Philosophy, showcasing the breadth and versatility of A-Level Religious Studies

How is it assessed? Two three-hour exams (Philosophy and Ethics paper, followed by a Christianity and Dialogues paper).

## **Textile Design**

### **AQA 7204**

This hands-on, practical Art A level gives students an opportunity to immerse themselves in the creative and highly individual area of textile design. Students are introduced to textile processes and techniques, both traditional and contemporary. These include mono-printing, screen printing, tie-dye and batik, fabric construction, stitching, padding, quilting, embroidery and much more. Students build up their own individual portfolio of work and are required to work in one or more areas of textile design such as fashion design, fashion textile es, costume design, dyed fabric and materials, art textiles and installed textiles. They become independent and experimental artists, always looking for new and innovative ways of working. A Level Textile Design is a good choice for those hoping to undertake an art foundation course or pursue art or fashion pathways at university.

How is it assessed? AQA Textile Design is assessed through a combination of a practical portfolio and an externally set assignment.



# Additional Sixth Form Courses

## **The British Horse Society Equine Excellence Pathway in Complete Horsemanship**

The Excellence Pathway certificates are internationally recognised and showcase students' practical skills and knowledge to future employers. Taught at our on-site Equestrian Centre, students gain a sound understanding of the science and theory behind horse care and sports coaching as well as the opportunity to develop their practical skills in riding, coaching and stable management. They will also undertake stages 1-3, which demonstrate their ability to work in the industry as a coach, inspire others through modern teaching methods and gain a sound knowledge base to support their practice. As a stage 3 coach in Complete Horsemanship, students can join the largest professional equestrian coaching body as a BHS Accredited Professional Coach.

Those wishing to join this course should have prior experience with horses and it is ideal for those who would like to pursue a career in the equestrian industry or who have a real passion for horse riding.



## **Health and Social Care BTEC**

At some point, all of us will need the support of a healthcare or childcare professional. It is rewarding work with considerable scope for many different jobs and specialisms allowing you to play a positive role in the health and happiness of others.

Studying a BTEC in Health and Social Care means combining good practice, skills, theory and behaviours to understand what it means to deliver top quality healthcare and services across a variety of areas. You will experience a challenging and incredibly rewarding career, where you can go home at the end of the day knowing that you have made a real difference to someone's life.

Just a few of the rewarding careers that can be pursued include registered nurse or nurse practitioner, physician assistant, social worker, paramedic, midwife and occupational therapist.

## **Nationals Equine Management BTEC**

The Pearson BTEC Level 3 National Extended Certificate in Equine Management provides students with hands-on skills and knowledge essential for careers in the equine industry. Covering key areas like horse care, health, and stable management, the course combines practical experience with academic study. Students explore equine anatomy, behaviour, and welfare, preparing for roles in horse care or further study in related fields.

## **Royal Air Force Air Cadets (RAFAC) – BTEC**

The RAF Air Cadets program is expanding to include two new BTEC Level 2 qualifications, providing students with additional, career-relevant credentials:

- **BTEC Level 2 in Aerospace Studies (Pearson)**
- **BTEC Level 2 in Space Studies (Pearson)**

These qualifications replace previous BTEC offerings and align with the RAFAC curriculum, allowing cadets to deepen their knowledge in aerospace and space studies.

## **Additional BTECS on offer:**

**Level 3 National Extended Diploma in Agriculture**

**Level 3 in Early Years workforce**

**Level 3 in Sport**

**Level 3 in Equine Studies**

## **Extended Project - EPQ 7993**

The Level Three Extended Project Qualification allows students to study almost any subject they wish. The only qualifications required to take the EPQ are a genuine personal interest and the willingness to work independently to develop the necessary skills and knowledge to complete the project on time. The finished project can take the form of a dissertation, an investigation and report, an artefact or a performance. The content of the project is entirely up to the student and the EPQ is often selected for a variety of reasons. Some use the EPQ to extend knowledge in an A Level subject, others to study a subject not offered at A Level and for some students it is simply an opportunity to demonstrate their passion for a hobby or interest.

Students taking the EPQ will have the guidance of a supervisor, and the qualification is highly valued by the most selective universities, including Cambridge and Oxford, as evidence of passion for a subject and the ability to work independently.



## NEA, coursework, controlled assessment exam mapping for 2024-2026

Certain subjects will offer non-exam assessment (NEA), also known as coursework. This is particularly beneficial for students who prefer to secure a portion of their overall marks before taking their final examinations. By completing NEA, students can effectively ‘bank’ these marks, which can alleviate some of the pressure associated with exams.

NEA/coursework/controlled assessments allow students to demonstrate their understanding and skills in a more practical and hands-on manner, as it often involves projects, presentations, or extended essays that reflect their interests and strengths.

Year	Autumn term	Spring term	Summer term
Year 12			Drama (internally assessed)  Geography (externally assessed)
Year 13	13 English Lit 1 (assessed internally)	Art (assessed internally)  Drama (assessed externally)  English Lit 2 (assessed internally)  EPQ (assessed internally)  History (assessed internally)	Art (internally assessed)  Computer Science (assessed internally)  Practical endorsements for the sciences; Biology, Chemistry and Physics (assessed internally) Music – (assessed externally)

		<p>Music performance (externally assessed)</p> <p>PE (assessed internally)</p> <p>Arts Award (assessed internally)</p> <p>Design and Technology (assessed internally)</p>	<p>Music technology – (assessed externally)</p>	
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## Sixth Form Enrichment

# Sixth Form Enrichment – STEP

## Supportive Transformative Engaging Personal

Lucton's Sixth Form offers a supportive and engaging environment that fosters both academic and personal growth. With small class sizes, students receive personal attention, allowing them to excel in their studies while receiving tailored guidance on future plans, including university applications. The school's ethos is transformative, helping students develop leadership skills through activities like the Combined Cadet Force (CCF) and the Duke of Edinburgh Award, which build confidence and resilience.

Lucton provides a holistic education with a balance of rigorous academics and an array of extracurricular, including sports, equestrian pursuits, and the arts. This engaging approach encourages students to explore their passions and develop independence, making their Sixth Form experience both personal and engaging, empowering students to reach their full potential.

**Our enrichment programme also offers students opportunities to receive driving lessons, photography and marketing experience and work experience in industry and local sectors.**

### *Opportunities include:*

- LAMDA (London Academy of Music and Dramatic Art) Qualifications
- Combined Cadet Force (CCF) Leadership Programme
- Pony Club and British Equestrian Association Membership
- Equestrian Management
- Lifeguard Qualifications
- Photography and -
- Marketing Experience
- Driving Lessons



**"Pupils show a willingness to contribute positively to the lives of others within the school, the local community and wider society." ISI Inspection 2019**

# Service

## The Combined Cadet Force – CCF

The Combined Cadet Force (CCF) at Lucton provides a unique opportunity for students to develop vital skills like leadership, responsibility, and self-discipline through a range of adventurous, military-themed activities. Joining the CCF can be transformative, offering a mix of practical experiences and personal growth.

For students entering in Year 12, you'll be asked to select a preferred division during the options process.

Each division offers a distinct experience:

• **Army Section:** Focuses on leadership, teamwork and resilience, with activities such as field-craft, foot drill, skill at arms, section, platoon tactics, and through courses such as our Leadership Cadre and Method of Instruction.

• **RAF Section:** Senior cadets focus on Academic Courses such as Rocketry, Air Navigation, Air Power and Jet Engine Propulsion, as well as Space and Cyber training; along with the usual military leadership skills and fieldcraft training. Additionally, committed cadets are offered air experience flights and the opportunity to apply for a flying scholarship.

For cadets in Year 12, even without prior experience, there is a focus on accelerated progress, with leadership courses available to prepare them for promotion by the start of Year 13. There are opportunities for students to take part in fieldcraft weekends, annual camps, as well as first aid, leadership and instructor courses, some of these include an AT element. Cadets can also choose to go on CCAT (Cadet Centre for Adventure Training).





## Creative

### LAMDA

Drama at Lucton is more than just classroom-based study; it integrates opportunities for public performance and personal development. All students are encouraged to participate in school plays and productions.. Those interested can also take **LAMDA** (London Academy of Music & Dramatic Art) exams, which help build both performance skills and confidence.

### Music

Our music department is dynamic and inclusive, encouraging students of all abilities to engage with musical performance. From Prep School to Sixth Form, students can participate in a variety of musical activities, including choirs, orchestras, and smaller ensembles. Instrumental lessons are offered in numerous instruments, and group performances are a regular part of the school calendar. Additionally, the school holds regular workshops and has connections with local and national music institutions, giving students the chance to participate in masterclasses and festivals.

### Art

Collaboration with other departments, like Drama and History, allows students to work on cross-curricular projects, enhancing their practical understanding of art's role in broader cultural contexts. Students' work is showcased in school exhibitions, and GCSE and A Level options are available for those wishing to pursue art academically.

## Sport

### Dance

Aside from the obvious health benefits, dance provides a valuable creative outlet for many of our students. Dance classes help encourage self-confidence, discipline, poise, and grace. Most importantly, dance classes are fun!

Available as an additional extra, Lucton offers lessons in Ballet and Modern Dance for students, with regular opportunities for them to perform within the school, including a ballet assembly for parents.

Expert teaching is also available for those who wish to continue with dance as they progress through the Middle, Senior, and Sixth Form. Past students have gained places at prestigious institutions including Italia Conte, and some members of our alumni have gone on to forge careers as professional dancers.



## Education, information, advice, and guidance at Lucton:

While many of our students traditionally progress to university, our focus is on providing individualised support for all students, regardless of their future aspirations. From personalised UCAS guidance in Year 13 to careers advice throughout a student's time at Lucton, we are here to help each individual make the best decisions for their future.

Our Assistant Head (Academic) regularly runs Sixth Form events to support students in making informed choices about their future education, work, or training. We ensure that students have access to the resources they need to confidently navigate their options, whether pursuing Russell Group university.

### 2024 Destinations and achievements:

Lucton's students continue to excel in their post-school destinations, and we are proud of their recent achievements:

- Many students progress to top UK universities, including a notable proportion gaining places at **Russell Group universities**.
- Several students embark on medical and related courses, such as **Medicine, Biomedical Science, and Veterinary Studies**, showcasing Lucton's preparation for demanding fields.
- Others pursue degrees in **Business and Finance**, demonstrating the school's broad academic focus.



# Boarding at Lucton

For many students, boarding life forms the heart of their experience at Lucton.

Centrally located on campus, we offer two distinct boarding houses: School Cottage, designed for students aged 7 to 13, and Croft House, which accommodates our older pupils.

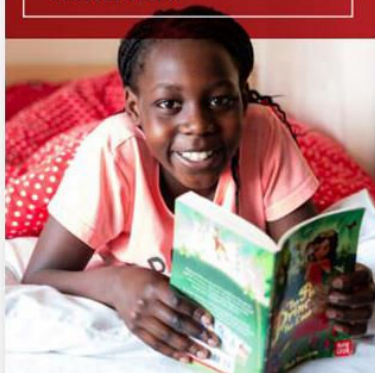
For some students, boarding may feel like a big step, especially if it's their first time living away from home. However, both School Cottage and Croft House foster a welcoming, family-oriented atmosphere, with dedicated live-in houseparents' always available to provide support and guidance as needed.

Each house features communal areas where students can unwind, chat, watch TV, or play games. Croft House, in particular, offers additional amenities for older students, including a Cinema Room, American Pool and Table Tennis tables, and a spacious kitchen cafe for practicing culinary skills. Evening hours also allow for teacher-supervised study sessions to help students stay on top of their academics.

Weekends are packed with exciting activities ranging from cultural excursions and city trips to adventure-filled outings such as hiking, river rafting, go-karting, and more. Popular destinations include theme parks and attractions like Cadbury World, ensuring that there's always something fun and engaging on the agenda.

Lucton provides a variety of boarding options to suit different needs, including full-time, weekday-only, and flexible boarding packages, which are especially convenient for parents with busy work schedules during the week.

"The boarding house is like a big family. I can get help with my homework in the evenings and weekends are brilliant fun."  
Student Year 8



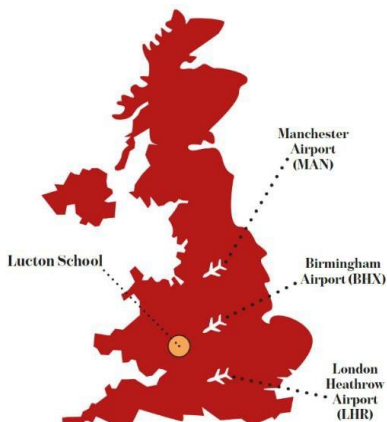
# Admissions

## UK Admissions

The majority of students at Lucton will join in September; however, we will accept applications at any point throughout the academic year subject to the suitability of the applicant and a place being available. The admissions process begins by visiting the school where potential students will be able to tour the facilities, meet fellow students and staff and have an informal conversation with the Headmaster. Applicants will typically follow the visit by taking part in a Taster Day where they will have the opportunity to experience a normal day at the school whilst being informally assessed. We offer places based on a review of the applicant's current school reports, an interview with the Headmaster and staff feedback provided during the Taster Day.

Once an offer letter has been issued, a registration form must be completed along with a non-fundable fee of £75. Once an offer has been accepted, an acceptance form must be returned in addition to a £500 deposit which will be kept until the student leaves Lucton.

For more information please contact a member of the admissions team by calling



## International Admissions

We pride ourselves on having a truly diverse student body and every year welcome students from a huge variety of countries throughout the world. In many ways the admissions process is similar to that of our UK students; however, there are also some significant differences, particularly regarding visas. For information regarding the admissions process for international students please refer to the Current Information booklet enclosed or contact [office@luctonschool.org](mailto:office@luctonschool.org)

## Scholarships & Exhibitions

At Lucton we offer a wide cross-section of awards that recognise outstanding ability in a range of areas. Available for Year 7 and Year 12 entry, scholarships can represent up to a 25% reduction in school fees, whilst exhibition prizes reward notable students with up to a 10% reduction. For those hoping to join our Sixth Form, there are also a select number of 100% and 50% scholarships available for truly exceptional students who would benefit from the quality of education available at Lucton. Awards are offered in the following areas: Academic, Music, Drama, Equestrian, Art, Sport, and all all-round ability. Students who live in one of the "nine favoured parishes" of Lucton, Croft, Yarpole, Bircher, Luston, Eyton, Kingsland, Aymestrey or Shobdon are also eligible to apply for the Pierrepont Scholarship. Named after Lucton's founder, John Pierrepont, the award recognises gifted students from the area.

The first part of the paper discusses the importance of understanding the underlying structure of the data. This is particularly relevant in the context of machine learning, where the model's performance is heavily dependent on the quality and structure of the input data. The second part of the paper focuses on the development of a new algorithm for handling missing data. This algorithm is designed to be robust to various types of missingness and to provide accurate imputations. The third part of the paper presents the results of a series of experiments that compare the performance of the new algorithm against several existing methods. The results show that the new algorithm consistently outperforms the existing methods in terms of both accuracy and computational efficiency. Finally, the paper concludes with a discussion of the implications of these findings for future research and for the practical application of machine learning models.