



Sixth Form Prospectus

2024-2025



Welcome from the head students

Hello prospective students,

We are the Head students, and we would love to welcome you to the Sixth Form. Our sixth form is a welcoming and friendly environment that encourages the best outcomes for all students. This means developing as a young adult- it's not just about results!

Sixth form is a big step up from GCSEs, and our teachers know this, and will support you every step of the way. Community is at the core of our Sixth form, diversity is celebrated, and every student feels they belong. We regularly put on activities and themed days to keep things fun, along will all the hard work we do. We hope you consider joining us here at the Sixth Form

"I was a head student during my time at Stratton. I had the opportunity to speak to big groups of people and to throw myself into the school community"

Charlotte Bassett

(Former student, now a Secondary School Teacher)

Student leadership and the voice they bring is a key part of sixth form life. Our Head Students and wider student leadership groups shape the experience and facilities they have and enjoy, they organise events, represent the school and lead on developing the student experience.



Welcome

Our Values

Our Sixth Form is built around our core expectations of students being respectful, responsible and proud.

Respect

Show **Respect** for yourself and to peers, staff, visitors and our guests

Responsibility

Take **Responsibility** for your learning, progress, words and actions

Pride

Take **Pride** in your work, effort and appearance

Thank you for showing interest in Stratton Sixth Form – a place where achievement, aspiration and excellence are at the heart of what we do. We are immensely proud of our Sixth Form; students work hard to achieve their goals to become confident young adults that can excel in their chosen path when they leave us. We offer a considerable number of courses on an A level and Applied General pathway, enabling you to study the subjects that you are passionate about. Our community offers a caring environment in which every individual can thrive.

Our expectations are high for all our students, you will be encouraged to face challenges with resilience, take responsibility as young adults, you will learn to organise your study time, extend your learning beyond the boundaries of lessons and become a well-rounded citizen. We want you to show leadership, and to be a force for good in the school community. We want you to leave Stratton well prepared for life in modern Britain If you are passionate about learning, we are the Sixth Form for you. It is a privilege to lead this Sixth Form and support you on your journey to your career.

We look forward to welcoming you in September

Mr Sam Farmer - Principal

Sixth Form Team

Mrs Amies - Senior Tutor Ms El Tawagny - Senior Tutor Mrs Layton - Learning Mentor

Student Experience

Lessons

All students will follow a timetable of 3 A levels plus an enrichment subject. You will also have study skills lessons, personal development time and independent study lessons. You will be in a form group with a tutor that will guide you through activities to support your learning as well as mentoring you to ensure your success.

Study Skills

During study skills you will be supported with careers advice and guidance as well as covering PSHE topics to ensure you are prepared for the wider world. We will support you with skills for employability and our careers advisor is always on hand to support you. Our personal development time offers a range of activities from sports and mental well being to social action projects.

We promote social responsibility; inspiring our students to play an active part in the community both in school and out in the wider community.

Learning Spaces

We are lucky to have dedicated learning spaces for our students. Our study centre is equipped with desktops, surface go devices, a kitchen area and a breakout space. Students can enjoy hot food and a coffee from our servery in our study centre at break and lunch.

Ofsted

Our Sixth Form has retained it's 'Good' Ofsted rating since 2018, we have a track record of achievement 'The quality of teaching in the sixth form is good and students make strong progress in academic and vocational subjects.' Ofsted 2018. We also pride ourselves on supporting the individual 'Effective care and support are provided to ensure that they are able to cope with advanced level and other higher courses, following their key stage 4 experiences. Consequently, more students successfully complete their studies than the national average.' Ofsted 2018 and in 2022 this was further supported 'Tolerance in the sixth form is the norm and students are accepting of difference.'

'The quality of teaching in the sixth form is good and students make strong progress in academic and vocational subjects.'

Ofsted 2018



Enrichment

All students are encouraged to take part in enrichment & super curricular activities that will develop skills and confidence outside of their main A-Level studies. Most do this through the Extended Project Qualification (EPQ) some take alternatives such as work experience, voluntary work or leadership projects.

Our PLEDGES award scheme aims to encourage and support many important qualities in students such as leadership, citizenship, moral purpose, sense of community and collective responsibility. PLEDGES recognises students commitments and contributions under the headings of Participation, Leadership, Excellence, Diversity, Giving, Environment and Service

Once a fortnight students have a timetabled session for personal development. Students can choose from activities to support mental and physical health to learning a new skill such as furniture upcycling, candle making, learning an instrument or debating. There is also the option to take part in a social action project which aims to support our school or local community.

Fundraising







Each subject area also offers a range of extra activities from trips and visits to clubs and support sessions.

Students are encouraged to attend as many trips as possible, we run visits to the UCAS conference, Apprenticeship fairs as well as other University talks. We are linked to University of Bedfordshire who regularly come to school to support students with their next steps.

Support and Guidance

Bursary

There is specific support available for students experiencing financial hardship. Post-16 Bursary - students can apply for this if they meet certain criteria or are experiencing financial hardship, making it difficult for them to attend school and access resources required for their courses. This may cover things such as travel, text books, materials, stationery and essential school trips. Further details and application forms are available from the sixth form office. Free School Meals - are also still available for those eligible.

Guidance

We aim for everyone to successfully complete their programme of study and we never give up. Progression into sixth form studies can be challenging and we appreciate the need to support our students with the increased demands of A Level study. With our guidance, students develop good learning habits which provide them with the facilities to support continued learning. Learning to manage time and to build in purposeful relaxation is important. Our students learn to prioritise and achieve the essential balance between commitments, which is vital to being successful. We challenge our students and celebrate their success so that they become strong, independent learners ready for university, higher level apprenticeships or employment

Pastoral Support

Our careful guidance ensures that our students embark on courses that will test them and develop their skills and passions. We guide students to choose course combinations that support university entrance or that are favoured by employers and a majority of our students were accepted into their first choice university. Learning is monitored and supported from day one to the end of courses. Timetabled lessons take up the majority of students' time and therefore organisation, attendance and motivation are crucial.

Students have full support with their UCAS or Apprenticeship/ employment applications through study skills as well as their form tutor.

"We are pushed and supported by our teachers to get the best outcomes and have aspirations for our future options"



Class of 2023, Where are they now? 12 | Sixth Form Prospectus 2024/25 | stratton.school

Final Destinations

The class of 2023 had a successful year, a majority of our students applied successfully to University are studying at the following:

University of Reading Royal Veterinary College, University of London University of Bath Loughborough University University of Lincoln The London Institute of Banking & Finance **Bournemouth University** University of East Anglia UEA University of Exeter University of York University of East Anglia UEA Norwich University of the Arts

University of Westminster University of Roehampton Anglia Ruskin University Oxford Brookes University University of Hertfordshire **Nottingham Trent University** University of Lincoln City, University of London University of Brighton De Montfort University University of Hull

Students have also gone onto study at Mountview Academy of Theatre Arts, taken gap years with exciting plans and taken up degree level Apprenticeships. We look forward to seeing what our next cohort achieve

> "Stratton was recommended as a high performing school with great facilities and on both acounts, I was not disappointed"

Beatriz de Sousa Member of our class of 2020, who went on to study at the University of Cambridge



Our courses

We have over 25 subjects on offer to support a range of interests and ability. Students can be confident that they will be successful regardless of chosen courses or options after sixth form.

There are many courses on offer to Stratton Sixth Form students. Typically, you will choose three of the following courses. *Course information can be found on the school website.

A Level	Applied General
Art & Design - Fine Art	Business
Art & Design - Photography	Criminology
Biology	Food
Chemistry	Sport and Physical Activity
Computer Science	
Dance	Enrichment
Drama	EPQ
Economics	Core Maths
English Literature & Language	Norwich City Football Club RDP
Film	
Further Mathematics	Find out more about o
Geography	courses by scanning t
History	code below.
Mathematics	
Media	
Music	PHARMACON IN
Physics	C METHOD LITTLE
Politics	226443947
Product Design	国 交换线
Psychology	
Religous Studies	stratton.live/ks5courses
Sociology	

ore about our scanning the below.



*Some courses are subject to specific entry requirements based on GCSE outcomes. All courses listed are subject to availability.

Faculty of Computing & Commerce

Head of Faculty: Mr Kilby

We offer:

Business **Computer Science Economics**



Business

BTEC Level 3 National Extended Certificate in Business

Studying business vocationally enables students to immerse themselves in the dynamic and ever-changing business environment. It is a practical course with assignments about real business, enabling you to gain a wide understanding of the purpose of different businesses, their structure and how they need to innovate to succeed.

You will get a chance to gain skills relating to, and an understanding of, how a marketing campaign is developed and design this campaign for assessment. You will be introduced to business through building knowledge of core business concepts and applying them. You will explore marketing, finance, operations management, the external environment, and many other topics.

Assessment

Year 12

Unit 3: Personal and Business Finance - (exam) Unit 1: Exploring Business - (coursework)

Year 13

Unit 2: Developing a Marketing Campaign -(Controlled Assessment exam)

stratton.live/ks5business

Unit 8: Recruitment and Selection - (coursework)

Computer Science

OCR A Level Computer Science

Computer Science is a practical subject where students can apply the academic principles learned in the classroom to realworld systems. It's an intensely creative subject that combines invention and

The Computer Science qualification values computational thinking, helping students to develop the skills to solve problems, design systems and understand the power and limits of human and machine intelligence.

Topics include:

Contemporary processors, input, output and storage devices Software and software development.

Exchanging data

Data types, data structures and algorithms Legal, moral, cultural & ethical issues Elements of computational thinking Problem solving and programming Algorithms to solve problems

Assessment

Component 1 - Computer systems

2 hours and 30 minutes written paper

40% of total A level

Component 2 - Algorithms and programming

2 hours and 30 minutes

written paper

40% of total A level

Programming project

Non-exam assessment 20% of total A level







Economics

Pearson Edexcel GCE A Level Economics A

Economics looks at how we manage our country's resources to get the best quality of life possible for all groups of people in society.

We will look at individual markets, the UK economy, business decisions and the impact of the global economy and trading relationships.

Economics has never been more relevant than it is today!

We will cover 4 Themes over the 2 Year

Theme 1 - Introduction to markets and market failure

Theme 2 - The UK Economy – performance and policies

Theme 3 - Business behaviour and the labour market

Theme 4 - The global perspective

Assessment

100% Exam with 3 Papers -2 Hours each

Paper 1 - Themes 1 and 3 (2 hrs)

Paper 2 - Themes 2 and 4 (2 hrs)

Paper 3 - All themes (2 hrs)





Faculty of **Creative Arts**

Head of Faculty: Mrs C Lawson

We offer:

Art & Design - Fine Art Art & Design - Photography Dance Drama & Theatre Media Studies Music Film Studies stratton.live/ks5ca

Art & Design - Fine Art

Edugas A Level Art and Design

Fine Art may be distinguishable by the emphasis it places on aesthetic and intellectual purposes rather than on practical, functional and utilitarian considerations.

This option covers a broad and developing area of study that includes painting, drawing, ceramics, sculpture, installation, performance and conceptual art and aspects of print-making, photography and

It utilises traditional, new and emerging media and processes and involves expressive use of a particularly wide range of materials, techniques and skills. The specification encourages creativity. sustained investigation and analysis, experimentation, and design and making as a means of developing technical and expressive skills. It gives learners the opportunity to follow a programme of study which extends experience and personal response as well as developing imagination and critical and reflective thinking.

Assessment

Personal Investigation - 60%

This will include a portfolio of work showing a personal response to a starting point, brief, scenario or stimulus.

AND A related study: an extended response of a guided minimum of 1000-3000 words.

Externally Set Task - 40%

Provides students with a number of themes. Students produce a response based on one of these options.

Art & Design - Photography

Edugas A Level Art and Design

This option covers a broad and changing area of study with light-based imagery spanning almost two centuries. Learners might engage with early light-based images and rudimentary technology, such as a pinhole camera, as well as the most contemporary, which may include the use of digital cameras, video camcorders, photocopiers, scanners and mobile phones. They may also work exclusively with film based or digital technology or with both. Outcomes can be screen or print based, comprise still or moving images and might be discrete to the subject area or combined with other art forms.

The specification encourages creativity. sustained investigation and analysis, experimentation, and design and making as a means of developing technical and expressive skills. It gives learners the opportunity to follow a programme of study which extends experience and personal response as well as developing imagination and critical and reflective thinking.

Assessment

Personal Investigation - 60%

This will include a portfolio of work showing a personal response to a starting point, brief, scenario or stimulus.

AND A related study: an extended response of a guided minimum of 1000-3000 words.

Externally Set Task - 40%

Provides students with a number of themes. Students produce a response based on one of these options.







Dance

AQA A Level Dance

Dance is a dynamic qualification which encourages students to develop their creative and intellectual capacity, alongside transferable skills such as team working, communication and problem solving. All of these are sought after skills by higher education and employers and will help them stand out in the workplace whatever their choice of career.

This specification reflects both historical and current dance practices, making it more relevant, and inspires a lifelong passion and appreciation for dance. Students will be able to study a range of dance styles. The course has relevant and exciting sources for all choreography and broadened our areas of study. Students can perform and choreograph in a style of their choice for the group work, providing it meets the assessment criteria.

AQA have also taken care to ensure the

all abilities the chance to excel.

assessment structure will give students of

Assessment

Component 1 – 50% Performance and Choreography

- Solo performance linked to a specified practitioner within an area of study
- Performance in a quartet
- Group choreography

Component 2 – 50% Critical engagement Knowledge, understanding and critical appreciation of two set works.

- One compulsory set work within the compulsory area of study
- One optional set work within the corresponding area of study, from a choice of four.

Drama & Theatre

Edexcel A Level Drama and Theatre

The Drama course is an exciting, engaging and creative subject which gives students opportunity to explore, analyse, create and perform dynamic theatre.

In lessons students will be expected to contribute to class discussion, practical exploration and written reflection, as well as conduct independent research, study and rehearsal.

The course is designed to prepare students for further education in drama and acting; providing students with the springboard to pursue a career in this field. However, the A level is widely recognised as an academic and valuable qualification and provides students with a wide range of skills: confidence, communication, independent research, devising, directing, performing, choreographing, evaluating, analysing and synthesising.

Assessment

Component 1; Devising 40% of the qualification

Devise an original performance piece.

Component 2: Text in Performance 20% of the qualification

• A group performance/design realisation and a monologue or duologue performance/design realisation from different performance text.

Component 3: Theatre Makers in Practice Written examination 40% of the qualification Section A: Live Theatre Evaluation

Section B: Page to Stage: Realising a Performance Text

Section C: Interpreting a Performance Text

Media Studies

Eduqas Level 3 Media Studies

By choosing media studies you open yourself to develop new skills and abilities to fit any career in the modern world. Learn to question opinion and find the truth; challenge stereotypes, change minds and equip yourself with the ability to create advanced media products, worthy of professional exhibition.

The A-Level is divided into 3 'Components'. All of the units have been developed with a range of different skills and theory. These will be the types of skills you could potentially gain employment with.

The media industry in the UK will be worth £80.5 billion in 2023. It is the fastest growing industry in Europe (PWC, 2019).

Music

AQA A-Level Music 7272

Students will engage critically and creatively with a wide range of music and musical contexts, and reflect on how music is used in the expression of personal and collective identities.

Appraising music - The areas of study provide an appropriate focus for students to appraise, develop and demonstrate an in-depth knowledge and understanding of musical elements, musical contexts and musical language.

Performance - perform music using one or both of the following ways:

- instrumental/vocal: as a soloist, and/or as part of an ensemble
- production: via music technology.

 Composition learn how to develop
 musical ideas, including extending and
 manipulating musical ideas, and compose
 music that is musically convincing through
 two compositions.

Assessment

Units will be assessed as follows:

Component 1: Media Products, Industries and Audiences

(written exam) = 35%

Component 2: Media Forms and Products in Depth

(written exam) = 35%

Component 3: Cross-Media Production (coursework) = 30%.

Assessment

Component 1: Appraising music

Exam paper with listening and written questions (worth 40% of A-Level)

Component 2: Performance (worth 35% of A-Level)

Component 3: Composition

Composition 1: Composition to a brief

Composition 2: Free composition

(worth 25% of A-Level)









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Film Studies

Eduqas A Level Film Studies

Film is one of the main cultural innovations of the 20th century and a major art form of the last hundred years. Those who study it characteristically bring with them a high degree of enthusiasm and excitement for what is a powerful and culturally significant medium, inspiring a range of responses from the emotional to the reflective. Film Studies consequently makes an important contribution to the curriculum, offering the opportunity to investigate how film works both as a medium of representation and as an aesthetic medium.

School Production of Fame the musical 2023

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The A level in Film Studies aims to enable learners to demonstrate knowledge and understanding of; a diverse range of film, the significance of film, film and its key contexts, how films generate meanings and responses, film as an aesthetic medium and the different ways in which spectators respond to film.

Assessment

Students will get the opportunity to write their own scripts and make their own short film for their NEA.

Students will be assessed by two exams totalling 70% of the final grade

an NEA unit totalling 30% of the final grade.





Faculty of English & Languages

Head of Faculty: Mr S Paul

We offer:

English Language & Literature



English

AQA A Level English Language and Literature

Our A Level English Language and Literature specification draws on the academic field of Stylistics in order to create an integrated English Language and Literature course which brings together literary and non-literary texts. Students will be encouraged to develop their creativity and critical skills during the course.

The study of English Language and Literature at A Level may lead to a wide range of careers and teach skills required for further study in higher education.

Assessment

Assessment is through both examinations and a non-examined assessment unit. Students will sit two papers which cover a range of different texts such as plays, poetry, articles and novels.

Paper 1: Written exam 3 hours Paper 2: Written exam 2 hours 30 minutes Non-examined assessment: assignment assessed by teachers





Faculty of Humanities

Head of Faculty: Mr K Doig

We offer:

Criminology

Environmental Science

Religious Studies

Geography

History

Politics

Psychology

Sociology



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Criminology

WJEC Level 3 Criminology

This qualification looks at the types of crime that take place within our society. How do we decide which behaviour is criminal? How do we explain why some people commit crime and how can we use different theories of criminality to explain this behaviour? You will study real life cases in order to gain an understanding of the criminal justice system from the crime scene all the way to the courtroom and look at how social control is achieved within our society.

Environmental Science

AQA A-Level Environmental Science

Environmental science is a multidisciplinary course that explores the interactions and interdependence between the components that make up our planet. Some of the key themes covered include the bio-physical environment, resources, pollution, circular economy and sustainability. Real-life case studies are used to support underpinning theory and make it more relevant to what is happening currently around you and our planet.

Paper 1 Topics: The Physical Environment, Energy Resources, Pollution and Research Methods.

Paper 2 Topics: The Living Environment, Biological Resources, Sustainability and Research Methods.

Assessment

Unit 1: Changing Awareness of Crime (25%) Controlled Assessment

Unit 2: Criminology Theories (25% of grade) 90min exam

Year 13

Unit 3: Crime Scene to Courtroom: (25%) Controlled Assessment

Unit 4: Crime and Punishment: (25% of grade) 90min exam

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Assessment

This is linear assessed course comprising of two written exams taken at the end of year 2.

Both papers are 3 hours and worth 120 marks which equates to 50% of the overall A-level respectfully.

The questions in each exam comprises of multiple choices, short and extended writing style auestions.



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Religious Studies

Pearson Edexcel A Level Religious Studies

Fascinating and enlightening, A-level Religious Studies is an excellent choice for students wishing to develop a deeper knowledge and understanding of world religions, philosophy and ethics but you will also gain many valuable transferable skills along the way. The A-level syllabus combines the in-depth study of the Philosophy of Religion and Ethics with the study of a major world religion and the development of thought within it.

In the Philosophy of Religion and Ethics section, areas of study include the application of ethical theories to contemporary issues. The philosophical element looks at a variety of fascinating topics, including the nature of the mind, body and soul, arguments for and against the existence of God, and the problem of evil.

Geography

AQA A Level Geography

Geography is one of the few subjects that lets you develop a variety of core skills that are vital for a successful career in the modern world.

It is also considered a facilitating subject and recommended by the Russel Group Universities.

Geography helps you to be more aware of the everyday life and problems of the people who live around you, in other parts of Britain and across the world.

Statistics show that compared to other subjects Geography graduates are among the most employable. This is because they possess the skills that employers look for. In part, this is because the subject is a combination of the facts of science and the understanding of the arts.

History

Pearson Edexcel Level 3 Advanced Level GCE

A Level History at Stratton is a popular subject which is highly recommended by Russell Group Universities. The course offers a range of topics from 20th Century Germany to Tudor England. The course is taught by passionate teachers who believe in active learning both in school and outside the classroom.

The A level History course encourages students to think analytically, explore debates using evidence and make historical links. Students who study History go on to read History at University or branch into Law, Criminology or the civil service for example.

Politics

AQA GCE A Level Politics

Lively, relevant, controversial... there are many ways to describe A-level Politics. There's no denying that it's one of the most interesting and engaging qualifications you can choose.

Covering news and current affairs from the UK and US, it helps you understand how the UK country is run and develops research, written communication and debate skills. It also helps grow your confidence.

It's ideal if you're considering studying politics, sociology, ethics, advertising or journalism at university and is highly regarded by employers in industries including politics, international organisations, the media, government and the civil service.

Unit 1 Government of the UK Unit 2 Government and politics of the USA and comparative politics. Unit 3 Political Ideas

Assessment

Across the two years you will study three papers which will be assessed at the end of Year 13 via external exams. Each paper is 2 hours in length.

Paper 1: Philosophy of Religion Paper 2: Religion and Ethics Paper 3: Study of ONE Religion

Assessment

Year 13

Component 1 - Physical geography - 2 hr 30 min exam. 96 marks - 40%

Component 2 - Human geography - 2 hr 30 min exam. 96 marks - 40%

Component 3 - Geographical Investigation -3000-4000 word individual investigation based on fieldwork, 35 marks- 20% of final A level. marked by teachers and moderated by AQA.

Assessment

Students will sit their final exams in the summer of year 13.

3 Exams: 80% Coursework: 20%

A Level Unit 1G: Germany and West Germany 1918-89.

A Level Unit 2G: Spain 1930-78

A Level Unit 3: Rebellion and Disorder under the

Tudors (1485-1603)

A Level Unit 4: Historical Enquiry (Coursework)

Assessment

Paper 1 - Government of the UK Written exam 2 hours, 33% of A Level Questions – A mixture of medium length explain and essay style questions.

Paper 2 - The government and politics of the USA and comparative politics

Written exam 2 hours, 33% of A Level

Ouestions - A mixture of medium length explain and essay style questions.

Paper 3 - Political ideas

Written exam 2 hours, 33% of A Level

Questions - A mixture of medium length explain and essay style questions









Psychology

AQA A Level Psychology

Psychology allows you to examine and uncover why individuals behave in the ways that they do. A variety of human behaviours are looked at in depth include memory and phobias. As a subject it is recognised as relating to Biological science at one extreme and Sociology at the other. A key component of Psychology is to critically think about how human behaviour works. As well as evaluate explanations that have been formed and studies that have been designed to test these behaviours. Throughout your studies you will develop an ability to analyse data and scientific enquiries. Psychology is an academic discipline that works in combination with Sociology as well as subjects from the sciences and humanities.

Sociology

AQA A Level Sociology

Sociology aims to deepen a student's awareness of the world in which we live and our place within it. It gives an understanding of the social institutions such as families, education and the judicial system as well as social processes such as socialisation and discrimination that influence behaviour and operate within society. Sociology can be thought provoking as it gives students the opportunity to challenge their personal views and assumptions. This subject focuses on the issues faced by contemporary Britain such as crime, the role of the mass media and inequality. Students will become analytical and critical of the world around them and the theories that aim to explain society. Power and stratification are core themes that are interwoven throughout the course.

Assessment

The course comprises 8 compulsory and 3 option topics across three exams. 33.3% each, 120 minutes each.

Exam 1: Social Influence, Memory, Attachment and Psychopathology

Exam 2: Approaches in Psychology, Biopsychology and Research Methods

Exam 3: Issues and Debates and three option topics

Assessment

Units are assessed across three exam papers. Largely an essay based exam style, using sources and statistics to compliment knowledge of studies and key sociological thinkers.

Paper 1: Education with Theory and Methods Paper 2: Families and Households and Beliefs Paper 3: Crime and Deviance with Theory and

Methods







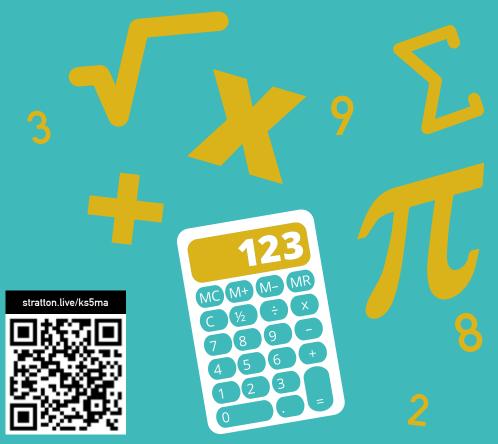


Faculty of Maths

Head of Faculty: Mr M Keating

We offer:

Mathematics Further Mathematics



Mathematics

Edexcel A Level Mathematics

A Level Mathematics provides students with a thorough grounding in essential tools and techniques needed in both the workplace and Higher Education. The logic and reasoning skills developed by studying A Level Mathematics make sure the qualification is widely respected even in non-mathematical arenas, this leads to A Level Mathematics being one of the most highly demanded facilitating subjects for university. In addition our students enjoy the challenge and logic of the course, together with the sense of excitement and satisfaction achieved when reaching the solution to a problem.

In addition to Pure Mathematics students will study Statistics and Mechanics.

Further Maths

Edexcel A Level Further Mathematics

Further Mathematics A Level is aimed at those who are the most mathematically able. Students considering Further Mathematics must also take Mathematics A Level, therefore half of your timetable will be spent working on Maths. This requires tremendous commitment and motivation, but brings also a high level of reward. Further Mathematics is usually taken by students considering university course with a large proportion of Maths in them; such as Mathematics, Physics, and Engineering etc. Entry requirements on Mathematics degrees are often lowered for those who have Further Mathematics in addition Mathematics A Level.

Assessment

Examinations: All external examinations are sat at the end of year 13.

3 Exams.

Paper 1 (Pure Mathematics 1) 2 hours.

Paper 2 (Pure Mathematics 2) 2 hours,

Paper 3 (Statistics & Mechanics) 2 hours.

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Assessment

Exams at the end of year 13.

Paper 1 and paper 2 (1hr 30 each) assesses content from: Proof, Complex numbers, Matrices, Further algebra and functions, Calculus, Vectors, Polar coordinates, Hyperbolic functions and Differential equations.

There are two further 1hr 30 papers (paper 3 and paper 4) which cover Further Statistics and Further Mechanics.





Faculty of Physical Education

Head of Faculty: Mr K Jones

We offer:

Sport & Physical Activity (Extended Certificate) Sport & Physical Activity (Diploma)



Sport & Physical Activity

OCR Cambridge Technical Level 3 Extended Certificate

(1 A Level)

This course will develop your knowledge, understanding and skills of the essentials of exercise and physical activity. You will also gain an insight into the Sport and Physical Activity industry.

The course contains centre assessed units with practical and wider project-based assessment opportunities. as well as examined units on the impacts of sport and physical activity on health and well being and how to select appropriate sports and activities for different participants. Internal assessments can be in the form of practical sessions, written assignments or presentations to name a

This course will prepare you for either life in the Sport sector or further university study. This course can run as part of the Norwich City FC Regional Development Programme.

This course will develop your knowledge, understanding and skills of the essentials of exercise and physical activity. You will also gain an insight into the Sport and Physical Activity industry.

Sport & Physical Activity

OCR Cambridge Technical Level 3 Diploma

(2 A Level)

The course contains centre assessed units with practical and wider project-based assessment opportunities. as well as examined units on the impacts of sport and physical activity on health and well being and how to select appropriate sports and activities for different participants. Internal assessments can be in the form of practical sessions, written assignments or presentations to name a

This course will prepare you for either life in the Sport sector or further university study. This course can run as part of the Norwich City FC Regional Development Programme.

Assessment

Unit 1 - Body Systems and the Effects of Physical Activity

Unit 2 – Sports Coaching and Activity Leadership

Unit 3 – Sports Organisation and Development

and 2 Optional Units

Assessment

Unit 1 - Body Systems

Unit 2 - Sports Coaching

Unit 3 – Sports Organisation

Unit 4 - Working Safely in Sport

Unit 6 - Group Exercise to Music

Unit 7 – Improving Fitness

Unit 8 – Physical Activity for Specific Groups

Unit 13 - Health and Fitness Testing

and 2 Optional Units





Faculty of Science & **Technology**

Head of Faculty: Mr C Allen

We offer:

Biology Chemistry Food Science & Nutrition **Product Design Physics**











Biology

OCR A Level Biology

Studying biology will enable you to appreciate the complexity of the living world ranging from whole ecosystems right down to the molecules that form life itself. It is an intellectually demanding, yet, rewarding subject.

Year 1: Cell structure, division and differentiation; Biological molecules; Enzymes; Exchange and transport; Biodiversity; Evolution; Disease.

Year 2: Communication: Homeostasis: Respiration and photosynthesis; Cellular control and inheritance; Biotechnology; Ecosystems: Populations and sustainability. In addition, we develop practical skills in biology throughout the two years.

Chemistry

OCR A Level Chemistry

Content is split into six teaching modules: Module 1 – Development of practical skills in chemistry

Module 2 – Foundations in chemistry

Module 3 - Periodic table and energy

Module 4 - Core organic chemistry

Module 5 - Physical chemistry and

transition elements

Module 6 - Organic chemistry and analysis

The A Level Chemistry course will prepare learners for progression to undergraduate courses in Chemistry, Biochemistry, Medicine, Dentistry, Engineering, Pharmacy, one of the other sciences or related subjects.

For learners wishing to follow an apprenticeship route or those seeking direct entry into chemical science careers, this A level provides a strong background and progression pathway.

Assessment

For A2, three exams at the end of Year 13:

stratton.live/ks5biology

Biological Processes:

(2h 15m: 37%)

Biological Diversity:

(2h 15m; 37%)

Unified Biology:

(1h 30m: 26%)

Assessment

For A2, three exams at the end of Year 2:

Periodic table, elements and physical chemistry:

(2h 15m; 37%)

Synthesis and analytical techniques:

(2h 15m: 37%)

Unified Chemistry:

(1h 30m; 26%)







Food Science & Nutrition

WJEC Level 3 Diploma in Food Science and Nutrition

The Level 3 Food Science and Nutrition qualification allows students to gain a wealth of knowledge about the food and nutrition industry. Students will have the opportunity to learn about the relationship between the human body and food as well as practical skills for cooking and preparing food.

The WJEC Level 3 Diploma in Food Science and Nutrition is made up of four units.

Unit 1: Meeting the Nutritional Needs of Specific Groups (mandatory)

Unit 2: Ensuring food is safe to eat (Mandatory)

Unit 3: Experimenting to Solve Food Production

Unit 4: Current issues in Food Science and Nutrition

Design & Technology

AQA A Level Design & Technology: Product Design

This creative and thought-provoking qualification gives students the practical skills, theoretical knowledge and confidence to succeed in a number of careers. Especially those in the creative industries.

They will investigate historical, social, cultural, environmental and economic influences on design and technology, whilst enjoying opportunities to put their learning in to practice by producing prototypes of their choice.

Students will gain a real understanding of what it means to be a designer, alongside the knowledge and skills sought by higher education and employers.

Physics

OCR A Level Physics A

Physics is the fascinating study of how the Universe works on a fundamental scale. It requires an inquisitive mind and in return rewards you with a deeper understanding of how the world functions. From the forces experienced on a daily basis to the enigmatic quarks and photons that make up the microscopic Universe, via black holes, nuclear fusion and the physics of your television! The subject matter offers endless opportunities for learning.

Topics Include: Motion, Forces in action, Work, energy and power, Materials, Momentum, Charge and current, Electrical circuits, Waves, Quantum physics, Thermal physics, Circular motion, Oscillations, Gravitational fields, Astrophysics and cosmology. Capacitors. Electromagnetism. Nuclear and particle physics, Medical imaging.

Assessment

Year 12

Unit 3: Personal and Business Finance - (exam)

Unit 1: Exploring Business - (coursework)

Year 13

Unit 2: Developing a Marketing Campaign -(Controlled Assessment exam)

Unit 8: Recruitment and Selection - (coursework)

Assessment

Paper 1 - Technical principals - 30%

Paper 2 - Designing and making principals -20%

NEA - substantial design and make project 50%

Assessment

A Level is assessed in three examinations: Total of 6 hours of examinations Modelling Physics (2hrs 15min) Exploring Physics (2hrs 15min) **Unifying Physics** (1hr 30min)

A wide range of questions types which include multiple choice, short answer and extended response questions.











EPQ Core Maths NRDP

Core Maths

The Level 3 Core Maths qualification is designed to give students essential problem-solving and quantitative skills. Equal in size and UCAS tariff points to an AS Level, they are aimed at students who aren't studying AS or A Level Maths but need mathematical skills to support their other Level 3 subjects and for future study and employment.

Core Maths support subjects which need quantative and statistical skills.

Norwich RDP

The Norwich City FC regional Development Programme is an opportunity for our students to take their football experience to the next level. Professional coaches delivering structured training sessions and the opportunity to represent the school and the programme in a range of different fixtures.

Students will have the opportunity to improve their fitness, game understanding and personal skills in a supportive yet competitive environment.

EPQ

Extended Qualification Project (EPQ)

The Extended Project qualification (EPQ) can provide students with the skills that universities and employers look for and will help them to stand out from the crowd in their future careers. Students can enjoy the freedom of working in their own way as they undertake a project based on a subject they are taking or an area of personal interest.

The Extended Project is entirely flexible in approach as each student is able to tailor their project to fit their individual needs, choices and aspirations.

This qualification prescribes a clear structure comprising of two main parts that are closely intertwined.

Students will produce a portfolio that contains supporting evidence for each of the four assessment objectives, which must include at least one piece of extended written evidence, as well as evidence supporting: project management, research and development of the project, the final outcome(s) and on-going reviews of the project.

Entry requirements

The minimum grades needed to enter our Sixth Form is 5 GCSE's grade 9 - 4. Each subject carries additional entrance criteria as per the table below. The criteria is non-negotiable, using national averages as a guide, students that enter with these grades should achieve a least a D grade at A level. All students should aim to achieve a grade 4 in all of the subjects they are studying at GCSE level.

Subject	Grade Entry
History	At least 5 GCSE grades 9 – 4 including maths and Grade 5 in History and English
Chemistry	At least 5 GCSE Grade 9 – 4 to including English, grade 6 in Maths and grade 6 in combined Science and/or Chemistry
Geography	At least 5 GCSE Grade 9 – 4 to include English and Maths and grade 5 in Geography
Sociology	At least 5 GCSE Grade 9 – 4 including maths. English GCSE 5
Economics	At least 5 GCSE Grade 9 – 4 including English and Maths
Physics	At least 5 GCSE Grade 9 – 4 including Maths. Grade 6 in Science and maths
English	At least 5 GCSE Grade 9 – 4 including maths, Grade 5 GCSE English
Criminology	At least 5 GCSE Grade 9 – 4 including maths and grade 5 English
Politics	At least 5 GCSE Grade 9 – 4 including maths and grade 5 English
Sport Diploma or Cert	At least 5 GCSE Grade 9 – 4 including maths and English.

Subject	Grade Entry	
Media	At least 5 GCSE Grade 9 – 4 including maths and grade 5 English	
Biology	At least 5 GCSE Grade 9 – 4 to including English, grade 6 in Maths and Science	
Art and Design – Fine Art	At least 5 GCSE Grade 9 – 4 to including English, grade 5 in Art or similar subject.	
Art and Design – Photography	At least 5 GCSE Grade 9 – 4 to including English, grade in Art or similar subject.	
Maths	At least 5 GCSE Grade 9 – 4 to including English, grade 6 in Maths	
Religious Studies	At least 5 GCSE Grade 9 – 4 including maths and grade 5 English	
Computer Science	At least 5 GCSE Grade 9 – 4 to including maths and science	
Business	At least 5 GCSE Grade 9 – 4 to including English and Maths	
Music	At least 5 GCSE Grade 9 – 4 to including English and Maths. Grade 5 in music and play an instrument or voice to grade 4	
Psychology	At least 5 GCSE Grade 9 – 4 including maths grade 5 and grade 5 English	
Further Maths	7 At least 5 GCSE Grade 9 – 4 to including English, grade 7 in Maths	
Drama	At least 5 GCSE Grade 9 – 4 to including English and Maths. Grade 4 in drama	
WJEC Food and nutrition	At least 5 GCSE Grade 9 – 4 to including Maths. Grade 4 in a technology based subject	
Environmental Science	At least 5 GCSE Grade 9 – 4 including maths and grade 5 English	

"The sense of community and cohesion within the sixth form is driven to an extent by the activities and events we do together such as dress up days and bake sales. Everyone is friendly and approachable."

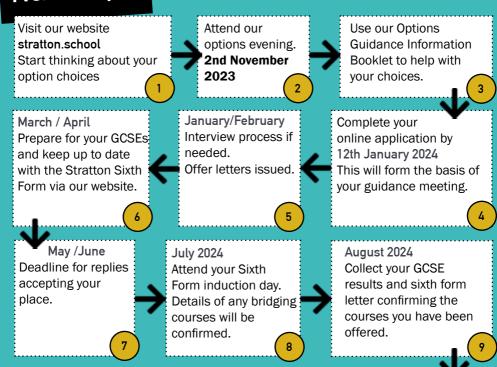
Notes	

Name:		
Subject 1:		
Subject 2:		
Subject 3:		
Reserve:		
Enrichment:	EPQ	
	Core Maths	
	Norwich RDP	

Visit our website stratton.live/sixth

Apply Online stratton.live/sixthapply

Next Steps



Offers of places will be made following interviews in Jan/Feb. All offers will be subject to GCSE results and will therefore be confirmed in August following the publication of exam results, or following entry interviews in September.

September 2024 Interviews and enrolment. Courses start.

Where are we?

Stratton Upper School is situated in Biggleswade, Bedfordshire.

The town has good transport links along the A1, main bus routes and via the Biggleswade railway station on the East Coast Main Line.



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