

TUDOR PARK SIXTH FORM



ENTRY CRITERIA.

SCIENCES	6 x A*-B GCSES INCLUDING A*-A IN SCIENCE AND 7 OR ABOVE IN MATHEMATICS
MATHEMATICS & ECONOMICS	6 x A*-B GCSES INCLUDING 7 OR ABOVE IN MATHEMATICS
FRENCH	6 x A*-B GCSES AND A OR ABOVE IN FRENCH
BUSINESS, HISTORY & DRAMA	6 x A*-B GCSES
BTEC	5 x A-C, INCLUDING 4 IN ENGLISH AND MATHS.
ACCOUNTANCY	5 x A-C, INCLUDING 4 IN ENGLISH AND 5 IN MATHS.

YEAR 12 PATHWAYS.

	A* AND A PATHWAY	THE 'MIXED' ECONOMY	THE EMPLOYMENT PATHWAY
TYPICAL GRADES	Mainly A*s, A's and a couple of B's at GCSE	Mostly B's with a couple of C's at GCSEs	Minimum 5C's including Maths or English
TYPICAL COURSES	3 A-Level's, which are now all taken at the end of Year 13. An additional EPQ (see course handbook) might be taken to support you area of interest, University's love this qualification!	You might do one or two A-levels and one or two specialist BTECs. For example Economics and Digital Games Design. Lots of different combinations can be taken, with 3 the ideal number.	You will mainly do BTEC Level 3 qualifications. We might need to sneak in a Maths or English retake but hopefully not!
THE TPET EXTRAS	<ul style="list-style-type: none"> • EPQ support and tutoring • University mentoring scheme • UCAS programme • Critical thinking coaching • Foreign residential built around your A-Level courses • Small class sizes (max 18) 	<ul style="list-style-type: none"> • 6 week work placements per year • Employer engagement programme every Wednesday • Personal Coach and employer mentor • CV and interview masterclasses • UCAS programme • Small class sizes (max 18) 	<ul style="list-style-type: none"> • 6 weeks work placements per year • Employer engagement programme every Wednesday • Personal Coach and employer mentor • CV and interview masterclasses • Apprenticeship application support • Small class sizes (max 18)
DESTINATIONS	Most likely your destination will be University. In recent years students have progressed to all Russell group Universities and even Harvard in America!	You might chose University or you might chose to go straight into employment, either with one of Logic's employer partners or elsewhere! You will certainly be employable.	University is still an option. However you might chose to go straight into employment or even start an apprenticeship. You will have gained confidence and skills to make the choice.

HOW TO APPLY.

You will need to complete an application form giving details of the GCSEs you are currently taking and your predicted grades. You should use your latest school report for your predicted grades. You will be asked to identify the courses you are interested in taking.

Please use this booklet to find out a bit more about the courses we are offering and what you will study. Look carefully at the entry criteria section to check that your GCSE predictions match the grades you will need for the course.

The Tudor Park Sixth Form Application Form can be found on the following school websites:

<http://www.springwestacademy.org/sixth-form/>

<http://www.logicstudioschool.org/apply-now/>

When you have submitted your application you will be called for interview. Please come prepared to talk a little about yourself and your future aspirations. During the interview we will look at your chosen route and personalised pathway to check that it works best for you. Please check the pathways section of this booklet. You can use a page at the end of this booklet to record any questions you have about your application or the courses. This will be a useful prompt at the interview. In the meantime, if you have any queries please speak to your subject teacher about their subject and what the A level is like. If you have any further queries please speak to Mr Pett or Mr Lockwood. You could email them

a.pett@springwestacademy.org

j.lockwood@logicstudioschool.org

A-Level Biology

OCR



Course Summary

Biology is the study of life itself, from the complex interactions of organisms in an ecosystem to the biochemistry of DNA and proteins. Biology is central to many major scientific disciplines such as Biochemistry, Biotechnology and Biophysics.

Throughout your studies you will learn the biological basis of issues ranging from HIV to cancer. You will also develop practical and analytical skills and debate the ethical issues that are central to the modern biologist.

You will study

There are 6 main areas of study: Energy for biological processes, Microbiology and pathogens, Modern genetics, Origins of genetic variation, Control systems and Ecosystems. These areas of study will give you the essential opportunities to develop your practical skills alongside your theoretical understanding.

A-Level Chemistry

OCR



Course Summary

Chemistry is the study of why reactions happen. Chemistry is fundamental to life, explaining phenomena from: how we can power the modern world, why we can see colour, how DNA and proteins interact.

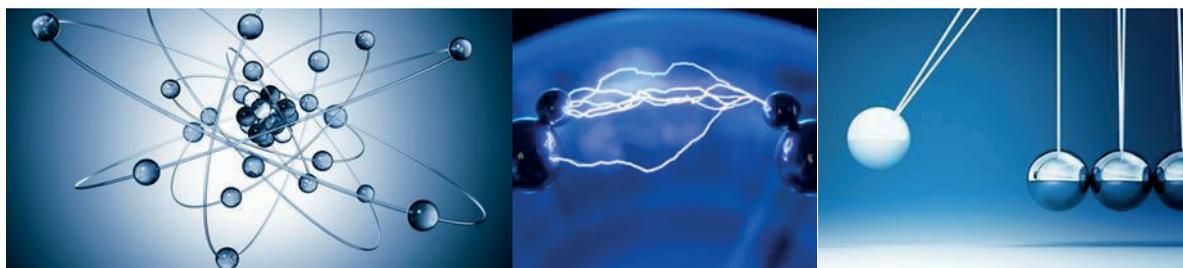
Throughout your studies you will learn the chemistry of topics ranging from the synthesis of aspirin to the interactions that have shaped life on Earth.

You will study

There are 7 main areas of study: Equilibria, Energetics, Redox Chemistry, Transition Metals, Kinetics, Organic Chemistry and Analytical Techniques. These areas of study will give you the essential opportunities to develop your practical skills alongside your theoretical understanding.

A-Level Physics

OCR



Course Summary

Physics is “the study of matter, energy, and the interaction between them”, but what that really means is that physics is about asking fundamental questions and trying to answer them by observing and experimenting.

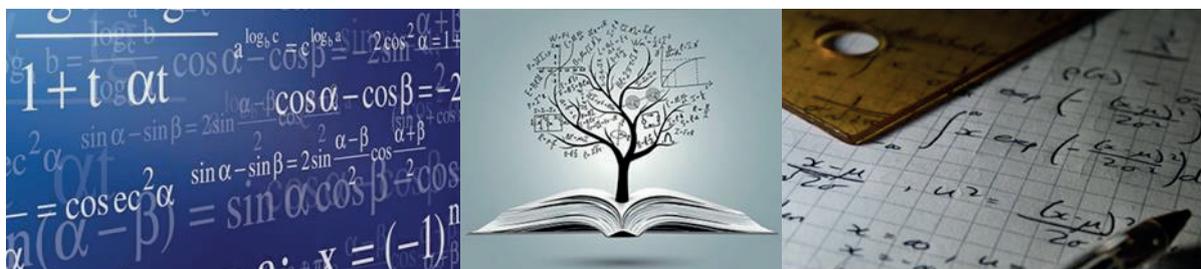
There is an increased element of problem solving applicable across a range of disciplines. You will write structured and professional reports following practical work including analysis and evaluation of complex data.

You will study

There are 6 main areas of study: Developing practical skills, Foundations of physics, Forces and motion, Electrons, waves and photons, Newtonian world and astrophysics and particles & medical physics. These areas of study aim to develop your practical skills alongside your theoretical understanding.

A-Level Mathematics

EDEXCEL



Course Summary

Mathematics is about more than numbers and algebra. It is about problem solving, developing logical and methodical thought processes and developing skills that can be used across academic disciplines.

You learn exciting advanced mathematical processes (such as differentiation and integration). These form the backbone of calculations as diverse as weather predictions to stock market analysis.

You will study

C1 – C4 Algebra and functions; coordinate geometry in the (x, y) plane; sequences and series; differentiation; integration; trigonometry; exponentials and logarithms; numerical methods; vectors.

M1 Mathematical models in mechanics; vectors in mechanics; kinematics of a particle moving in a straight line; dynamics of a particle moving in a straight line or plane; statics of a particle; moments.

S1 Mathematical models in probability and statistics; representation and summary of data; probability; correlation and regression; discrete random variables; discrete distributions; the Normal distribution.

A-Level Business

EDEXCEL



Course Summary

Business A-Level is a dynamic and relevant subject for those who are interested in the world of Business. The course will help you develop a wide range of employability skills, including problem solving, collaboration, leadership and critical evaluation. You will study in some depth, all the major aspects of the corporate world and the significant factors which influence business performance and success. We endeavour to involve you with real business as much as possible by bringing in business people and organisations.

You will study

Year 1 : What a business is and the role of managers and leaders. The decision making process and how it contributes to improvements in: marketing performance, operational performance, financial performance, human resource performance. Year 2: How to analyse the strategic position of a business. How to choose a strategic direction, strategic methods and managing strategic change.

A-Level Economics

AQA



Course Summary

The syllabus focuses on the key concepts of modern economics. The subject itself is concerned with the allocation of scarce resources – our ‘wants’ are infinite, but we can provide for only a small number of them. How do we decide what, how and for whom to produce? Are these decisions always made in a rational way?

You will study

In Microeconomics you will use concepts like demand and supply to learn how the majority of individual markets work (from money markets to housing markets, clothing and food). What causes this system to fail and the consequences; would everyone pay for education or health care if they had to? Business economics – how firms behave in different competitive environments – labour markets and the distribution of income; is inequality fair?

Macroeconomics – the functioning of the whole economy. You will gain insight into the debate on spending cuts versus tax rises, financial markets and the policies that governments can use to manage the economy.

A-Level French

AQA



Course Summary

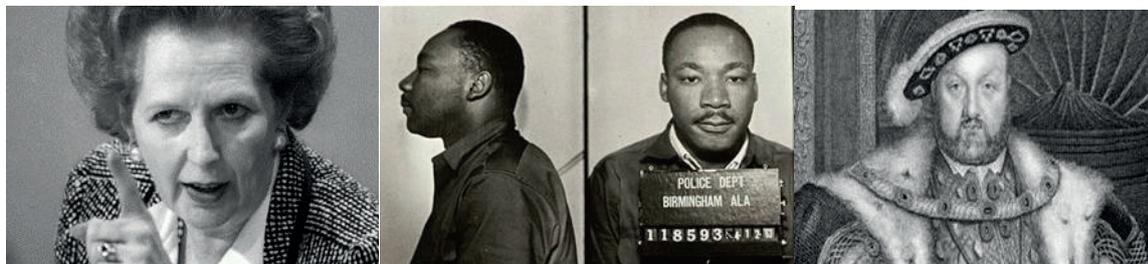
You will extend your speaking, writing and comprehension skills, whilst developing an understanding of contemporary France, including the study of elements of both French cinema and literature. The course content is rooted in French culture and you will investigate social issues and trends, alongside elements of political, artistic and intellectual culture across the Francophone world. Grammar will be studied in depth and you will be examined across the four skills of speaking, writing, listening and reading, including translation both from and into French.

You will study

The course is set down into three compulsory elements: social issues and trends, political and artistic culture and grammar. There is additional optional work in literary texts and films

A-Level History

EDEXCEL



Course Summary

History is about people, and people are complex, fascinating, frustrating and a whole lot of other things besides. Indeed, history is also the study of inspiring, alarming and disturbing events, which makes it one of the most intriguing subjects there is.

History at A Level allows you to study in depth new time periods and new individuals both in the UK and abroad. You will also see very quickly how the event throughout these years markedly effected the world we live in today.

You will study

Unit 1: Britain Transformed 1918 – 1997. This unit explores the changing political, social and economic landscape of Britain in the 20th Century. The unit finishes with a case study of Margaret Thatcher's regime.

Unit 2: The USA 1955 – 1992. This unit investigates the quest for greater equality by minority groups in America as well as how Presidents responded throughout this period.

Unit 3: Rebellion and disorder under the Tudors, 1485–1603. This unit charts the Tudor dynasty and the problems their regimes encountered across the 15th – 17th Century.

Unit 4: Coursework. This unit requires students to complete an individual assignment on appeasement and the outbreak of World War Two.

A-Level Drama & Theatre Studies

EDEXCEL



Course Summary

A Level Drama is much more than just acting. The course covers a range of areas from evaluating live productions seen during the course; the analysis of classic and contemporary texts; the study of influential theatre practitioners and the presentation of group performances.

Through the process of devising, rehearsing and performing your own work in devised and scripted productions; you will build an understanding of the different elements of theatre at a much higher level than that of GCSE.

You will study

Component 1: Devising – creating an original piece of performance from a stimulus and keeping a portfolio charting your progress over the rehearsals.

Component 2: Text in Performance – A group performance of a chosen text and a monologue/duologue from a recognised play. Assessed by a visiting examiner.

Component 3: Theatre Makers in Practice – a 2hr30m written exam with 3 sections. A) Response to a live theatre performance. B) A question based around being an actor/director of a play you will have studied in the lesson. C) A question based around re-imagining a classic text with a chosen practitioners influence.

Accountancy

AAT



Course Summary

This is a practical, work-related course which will develop your knowledge, understanding and skill set and will enhance your employability and also contribute to future studies. This is an introductory course which provides a firm grounding in the basics of financial record keeping and account preparation within the scope of double-entry bookkeeping. You will learn the necessary skills to record financial transactions in both a manual and computerised systems.

During this course you will understand how to prepare final accounts for sole traders and partnerships and will also develop the management accounting skills relating to costing, reporting financial information and budgeting for cash. Some of the units that you will study include:

- Preparation of final accounts for sole traders and partnership
- Costs and Revenues
- Indirect Tax
- Professional Ethics in Accounting and Finance
- Spreadsheets Software

This course will be studied alongside Level 3 Maths. You can take a range of qualifications from 1 - 3.

Computing Core

BTEC



Course Summary

This is a highly valuable and truly practical computing course which is very relevant in the modern employment market. As well as being 'hands on' and creative, the course is entirely structured around realistic workplace situations which include real-life activities and demands. This course also offers suitable candidates the opportunity to study for the professionally recognised Cisco IT Essentials qualification.

The course is designed to develop a thorough grounding in modern IT theory and practice. You will study both Computer Systems and Information Systems, and will also have the opportunity to choose from specialist units which include: Programming, Computer Networks and App Design.

The course will help you develop your practical understanding of:

- How computer hardware and operating systems actually work, how to assemble a PC and how to install and maintain the software
- How to create an animation for an online business
- How businesses can take advantage of technology and recent innovations and what the implications of installing a new computer system are for a business.

Computing Core is worth 1 A-level.

Games Design

BTEC



Course Summary

Do you love video games? Want to be part of a multi-million-pound industry? This exciting and challenging course gives you the opportunity to develop relevant skills and also a detailed understanding of games design and construction, ensuring you can critically engage with a vibrant and rapidly changing industry.

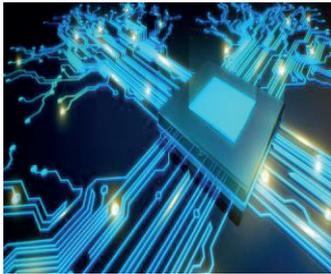
You will learn how computer games are designed, developed and produced through practical and theoretical study. You will also have the opportunity to analyse a range of different computer games and their components. Exploring a range of design approaches, different games platforms and digital design software will enable you to develop your own ideas, understanding and the know-how of what goes into making a playable and exciting computer game.

You will study games development units which include computer game technologies, computer games design and understanding the games industry. You will also study a selection of creative units including concept art, digital graphics for computer games, human computer interfaces and 3D environments.

This course is run as a Diploma which is worth 2 A-levels.

Exams for Industry

CCNA



Course Summary

Alongside your computing courses you can sit professional exams including the CISCO Certified Network Associate (CCNA) exam and also a number of other CISCO exams.

In our state of the art computing lab you will learn how to install and configure CISCO switches and routers in multi-protocol networks using local and wide area networks (LANs and WANs), provide a Level 1 troubleshooting service and improve network performance and security. In addition, instruction and training are provided in the proper care, maintenance and use of networking software tools and equipment, as well as all local building and environment codes and regulations. During your selected course you will cover topics which include:

- Computer Hardware & Software
- Wireless Networks
- Networking Terminology & Protocols - LANs & WANs
- Open Systems Interconnection (OSI) Model, TCP/IP model, Ethernet
- IP (Internet Protocol) Addressing - Design & Documentation of a Basic Network
- Structured Cabling - Network to Network Communications

Business Management

BTEC



Course Summary

Quite simply, business makes the world go round. Students who study this course will learn all about the different aspects of business and will have a very practical introduction to the world of work.

You will learn how to understand and create business plans, gain financial management skills and know how to successfully market a business. Through practical exercises you will also learn, first-hand, how to launch and operate your own business.

Modules include; the business environment, business resources, introduction to marketing, business communication, starting a small business, recruitment and selection in business.

Business management is a BTEC extended certificate and is worth 1 A-Level.

Marketing

BTEC



Course Summary

Students who undertake this course will develop a wide range of skills which will ensure they succeed in the business sector of their choice.

You will learn about the key areas such as product marketing and understanding consumer behaviour, financial reporting, project planning and event bidding. The learning modules comprise an exciting mix and include managing a business event, creative product promotion, and building teams in the business environment. You will focus on how to develop social media campaigns and try out the theory you are learning in work placements and in real life projects.

Fashion and Events

BTEC



Course Summary

Students who undertake this course will develop a wide range of skills which will ensure they succeed in the vibrant and growing arena of fashion and events management.

You will learn about the key areas relevant to event management, including marketing and understanding consumer behaviour, financial reporting, project planning and event bidding. The learning modules comprise an exciting mix and include managing a business event, creative product promotion, fashion retailing and building teams in the business environment.

This course must be studied alongside Business Management, and together contribute to a Diploma which is worth 2 A-levels.

COMPUTING

COMPUTING CORE

- Information Technology Systems
- Management Information Systems
- Social Media
- Website Development

1

PROGRAMMING

- Programming
- Data Modelling

5

APPS

- Mobile Apps
- Computer Game Development

5

EXAMS FOR INDUSTRY

- CISCO IT Essentials
- AQA Discovery
- CCNA Exploration
- CCNA Security

1

BUSINESS & COMPUTING

DIGITAL DESIGN

- Media Representation
- Production Portfolios
- Website / Games Production
- Responding to Commissions

1

GAMES DEVELOPMENT

- 3D Modelling
- Games Testing
- Games Engine Scripting
- Concept Art for Gaming

1

DIGITAL PRODUCTION

- Website Production
- Digital Photography
- Writing Copy
- App Products
- Design for Digital Media

1

BUSINESS

BUSINESS CORE

- Exploring Business
- Developing a Marketing Campaign
- Personal and Business Finance
- Work Experience

1

MARKETING

- Managing a Sports Event
- International Business of Sport
- Pitching for a New Business
- Principals of Sport Management

1

FASHION + EVENTS

- Creating Promotion for Events
- Planning a Large Event
- Event Management Across the World
- Principals of Managing an Event Team

1

ACCOUNTANCY

- Managing an Event
- Management Accounting
- Rewarding Financial Transactions

1

CORE A-LEVELS

- MATHS
- SPANISH
- PERFORMING ARTS
- GEOGRAPHY
- BIOLOGY
- CHEMISTRY
- PHYSICS
- ECONOMICS
- BUSINESS STUDIES
- FRENCH
- HISTORY
- DRAMA

MY NOTES & QUESTIONS.

EXTRA CURRICULAR ACTIVITIES.

WHAT WILL WE GIVE YOU OVER AND ABOVE GREAT TEACHING?

A level students will have the opportunity to take part in a 1 week residential in a European city as part of the History curriculum and access to a French exchange as part of our languages programme. We firmly believe that these opportunities are transformative, not only in terms of academic understanding of the subjects involved but also in terms of broadening horizons and developing cultural capital.

Students studying maths and sciences are encouraged to participate in engineering projects set up through university outreach programmes as well as through charitable organisations such as the Mark Everson Foundation. For example, this year a group of 3 students applied for a grant from the foundation to develop and build a robotic arm. All students will be expected to attend our revision boot camps. These highly intensive revision programmes take place over a four day period during the Easter holidays and not only give students valuable access to subject teachers but also give students a flavour of what it is like to live independently in university style accommodation. Students will also be given the opportunity to have a student mentor, a recent undergraduate or graduate. This gives you the opportunity to converse with somebody about the challenges faced during A-Levels and how to keep focused on those important next steps.

SPECIALIST INDUSTRY COURSES.

EMPLOYER ENGAGEMENT PROGRAMME

Every Sixth Former will have at least 6 weeks worth of work placements per year. Placements will give you the chance to test your newly developed skills in a real business environment.

There are no lessons on a Wednesday. Instead you take part in a rolling programme of 3 different employer engagement opportunities throughout the course of the year, detailed below. You will also have a 4 week summer internship.

WORK EXPERIENCE

Placements take place on Wednesday each week, with hours determined by specific companies. Students will be given guidance and help in preparation for this, including CV writing, interview skills, research skills and completing progress records and experience logs.

INDUSTRY INSIGHT DAYS

Here you visit different partner companies in order to gain an understanding of the variety of career paths available. Too often people make decisions without a solid knowledge base and a clear understanding of what that career involves. Instead you will learn about marketing, advertising, branding, HR, social responsibility, communications and other industries through projects, talks, team work and skill building at companies such as CISCO, Octink, Perform, DHL, Premier Inn, Allianz, SAP, K&N, PHAR, RBS, Ingenuity and many others.

CORPORATE SOCIAL RESPONSIBILITY (CSR)

This is what employers are asking for. Evidence that you are engaging in the world beyond your immediate front door. Evidence that you are willing to get involved with different communities, different types of people and challenge yourself outside your comfort zone, giving something back. Companies place such value on these skills and characteristics they employ huge teams of people in CSR. At Logic you will be responsible for delivering community projects such as teaching ICT skills to the elderly, environmental projects, RAG (Raising and Giving Charity projects), Logic Business Breakfasts, creative arts social evenings and student leadership.

PASTORAL

At Logic you will be assigned a prep tutor in the area of your subject specialism. You will see this tutor at least twice a week. You will also be assigned a Personal Coach who will be your first point of call for any academic or pastoral concerns. They will meet you at least twice a half term to monitor your progress in academic studies, enrichment and work experience. You will also have two interviews per year with either the Principal or Lead Personal Coach solely focused on your career plans and next steps after sixth form.

OUR SCHOOLS.



Springwest
Academy

PRINCIPAL: MARIELLA WILSON

Contact details: M.Wilson@SpringwestAcademy.org



LOGIC
STUDIO SCHOOL

PRINCIPAL: JAY LOCKWOOD

Contact details: J.Lockwood@LogicStudioSchool.org

OUR PARTNERS.

Hounslow
Consortium

REACH
ACADEMY SIXTH FORM

TUDOR PARK Education Trust
