



LOGIC

SIXTH FORM

PROSPECTUS



COMPUTING

INFORMATION TECHNOLOGY CORE

1



INFORMATION TECHNOLOGY DIPLOMA

1

- Creating Systems to Manage Information
- Using Social Media in Business
- Information Technology Systems
- Website Development

A-LEVELS

Mathematics
Computer Science

BUSINESS

BUSINESS CORE

1



BUSINESS DIPLOMA

1

- Exploring Business
- Developing a Marketing Campaign
- Personal and Business Finance
- Recruitment and Selection Process

- Managing an Event
- International Business
- Principles of Management
- Work Experience in Business

ESPORTS

Extended Certificate

1

- Introduction to Esports
- Esports skills, strategies and analysis
- Enterprise & Entrepreneurship in the Esports Industry
- Health, Wellbeing and Fitness for Esports players

TRAVEL & TOURISM

Extended Certificate

1

- The world of Travel and Tourism
- Global Destinations
- Principles of Marketing in Travel and Tourism
- Visitor Attractions

A-LEVELS

Economics
Business
English
Mathematics
History
Sociology
Spanish

CREATIVE MEDIA

DIGITAL PUBLISHING CORE

1



DIGITAL PUBLISHING DIPLOMA

1

- Digital Media Skills
- Magazine Production
- Image Manipulation Techniques
- 2D Digital graphics
- Page layout design for digital and print media

- Website Development
- App production
- Photography
- Responding to a commission
- Media enterprise

DIGITAL GAMES CORE

Extended Certificate

1



DIGITAL GAMES DIPLOMA

1

- Digital Media Skills
- Digital Games Production
- Concept Art
- 2D Animation
- App Production

- 3D modelling
- 3D environments
- 3D digital animation
- Responding to a commission
- Media enterprise

A-LEVELS

Computer Science
Sociology

RELEVANT, CONNECTED, FOCUSED

We offer A-Level, BTEC and industry standard qualifications in Computing, Business and Creative Media. Our specialist teachers have detailed subject knowledge and are focused on your future. However, excellent teaching is just one part of our provision; we also ensure you undertake relevant employer engagement programmes. It is through these programmes that you will acquire the skills and experience needed to stand out from the crowd. In addition, our bespoke coaching programme will see you matched with a member of our team who will work with you to connect you to your future, be this university, apprenticeship courses or directly to employment.

ENTRY CRITERIA

A-LEVELS

For A Level courses you need a minimum of 6 GCSEs at grade 9 - 6. To study Maths and Sciences you need a grade 7 at GCSE in those subjects. For all other A-Level subjects you need to achieve a 6 at GCSE to study your subject of choice. For subjects such as Economics and Sociology which you have not studied at GCSE, you will need to achieve a grade 6 in Maths and English at GCSE.

LEVEL 3 MATHS

You need a 5 in Maths at GCSE.

BTEC

For BTEC Level 3 courses you need a minimum of 6 GCSEs at grade 9 – 4 including 4 in English and 4 in Maths.

	TYPICAL GRADES	TYPICAL COURSES
ACADEMIC	Mainly 7s and 8s at GCSE	3 A-Levels, taken at the end of Year 13. An additional EPQ might be taken to support your area of interest; universities love this qualification.
SPECIALIST	Mostly 5s and of 6s at GCSE	You might do one or two A-levels and one or two specialist BTECs. For example, A-Level Sociology with a Business BTEC Diploma. Lots of different combinations are possible.
PERSONALISED	At least five 4s at GCSE	You will mainly do BTEC Level 3 qualifications. You might need to retake a Maths or English.

EMPLOYER ENGAGEMENT




A HAPPY & SUCCESSFUL CAREER

WHY DO WE FOCUS ON EMPLOYER ENGAGEMENT?

- **We want you to have successful careers**
Employers too often complain that students do not have the right skills to be successful in employment.
We develop these.
- **We want you to understand your next steps**
What do different careers look like?
What do you need?
How do you access them? We answer these questions.
- **We want you to have confidence**
You need experience, presentations skills, professional networks and qualifications.
We give you the skill set and the confidence to gain these.

WHAT DOES EMPLOYER ENGAGEMENT LOOK LIKE?

- During the first 6 weeks of Year 12 you will be exposed to the different pathways we offer and the staff that lead them.
- You will then apply for a specific Employer Engagement pathway that complements the subjects you study, your interests and future career plans.
- These pathways will support you to develop relevant skills, experience and qualifications appropriate to your chosen destination.
- You will work on real world projects linked to your chosen pathway, often with the support of industry professionals.
- These pathways are enriched by summer internships, industry visits, work placements and the study of industry standard qualifications.
- In Year 13 the focus switches to 'your future'. Sessions are about transition, focusing on your next step towards university, apprenticeships or employment. This includes application support, external careers guidance and bespoke personal coaching and careers guidance.

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- A man in a white shirt is looking at a tablet in a server room. The background is filled with server racks and cables, creating a technical and professional atmosphere.
- Wednesday mornings are devoted to your future.
 - We give you the opportunity to learn about the 'real world of work' or university and the chance to develop the skills, experience and qualifications you need to be successful.
 - You will learn more about what you like and what you don't like.
 - It is about working with businesses on real projects that develop your confidence and employability.



BTEC

I.T. CORE

BTEC Information Technology - Extended Certificate

You will be immersed into the creative processes of Information Technology. Learning how to deal with clients with differing objectives and having to create professional solutions, using industry standard software, will be the main challenge of this course.

I.T. DIPLOMA

BTEC Information Technology - National Diploma (can only be taken with I.T. Core)

You will develop your understanding of logical process using databases and modelling client programming projects. This will provide you with a platform to gain a deeper understanding of project management and advanced networking. Studies will further focus on cyber security and how potential threats can be tracked, identified and stopped.

A-LEVEL

COMPUTER SCIENCE

Computer Science is a practical subject in which you can apply the academic principles learned in the classroom to real-world systems. It's also a creative subject that can look at the natural world through a digital lens. Computer Science will develop your computational thinking, problem solving, systems design skills and help you understand the power and limits of human and machine intelligence.

MATHEMATICS

The world needs both logical problem solvers and free thinkers. By studying mathematics you will develop both of these core skills. You will study branches of mathematics that you have yet to realise exist.

Advanced mathematical processes such as differentiation and integration are applied in topics as diverse as weather predictions and stock market analysis.

Widely understood to be a challenging A-Level, it is valued by universities and employers from a range of industries.

LEVEL 3

LEVEL 3 MATHEMATICS

Core Maths allows you to deepen and extend your knowledge and skills from maths GCSE, as well as studying and applying new Level 3 material relevant to your needs. The primary focus is on using and applying mathematics and statistics to address authentic problems and real-life scenarios drawn from study, work and life, with a strong emphasis on problem-solving.

INDUSTRY STANDARD

Comp TIA - A+

This industry standard qualification is well recognised across the IT sector and will help you stand out from the crowd. It is widely regarded as the best way to enter the digital world and begin your career in IT.

You will learn to a wider range of skills, from securing a network to configuring end-point user devices.

Our state of the art facilities will allow you to practise these skills on our dedicated server estate, giving you hands on experience alongside classroom learning.

Cisco Network Academy

As a registered provider of the Cisco Network Academy programme (NETACAD) you will have access to a range of courses reflecting the increasing diversity of the IT sector. Online courses will allow you to develop your knowledge of cyber security, the 'Internet of Things', programming and much more, all without the need for any prior knowledge in the field. These courses are a great accompaniment to your main programme of study.

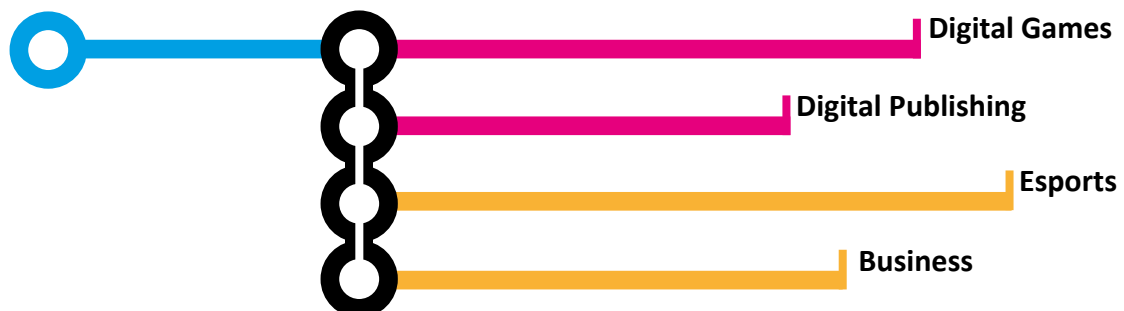
EMPLOYER ENGAGEMENT

COMPUTING PROFESSIONAL PATHWAY

Supported by Joskos

Interested in computers and how they work? This course gives you the chance to combine theoretical study and practical workshops to give you a real insight into life within the IT industry. You will study some of the industry expected qualifications that all IT Network professionals undertake (Comptia 901 and 902), as well as undertaking practical workshops to allow you to gain hands-on experience in our specialist lab. Our employment partner, Joskos, provide summer internship opportunities alongside projects and pitches that run throughout the duration of the course.

COMBINE COMPUTING WITH OUR OTHER SPECIALISMS





BTEC

BUSINESS CORE

BTEC Business - Extended Certificate

You will cover a range of components that will deepen your understanding of how businesses operate with particular focus on organisation, decision making, financial considerations and marketing.

BUSINESS DIPLOMA

BTEC Business - National Diploma (can only be taken with Business Core)

You will develop your understanding of businesses on a global scale, looking at the strategies businesses need to operate internationally. There is an increased focus on leadership, management and decision making and the impact of these aspects on the success of a business.

TRAVEL & TOURISM

BTEC Travel and Tourism - Extended Certificate

You will develop your understanding of the ever growing importance of the Travel and Tourism industry in the UK. You will study the scale of the travel and tourism industry, destinations around the world and what businesses and countries can do to promote tourism.

ESPORTS

BTEC Esports - Extended Certificate

You will develop your understanding of the rapidly growing multi-billion pound industry that is Esports. You will learn about streaming, Esports workings, strategic team development, the importance of health and well-being and how the industry generates its revenues. You can develop your team working, strategic and entrepreneurial skills through group based projects.

A-LEVEL

ECONOMICS

By studying Economics, you will develop a keen insight into individual markets to global events and how they unfold. This demanding A-Level is highly regarded by universities and employers from a range of industries. You will study both micro and macroeconomics over the two years; these underpin the basis of the world around us. If you are interested in (stock) markets, geography and/or politics, this is the course for you.

BUSINESS STUDIES

This A-Level looks at the dynamic nature of business and its effects on people and the economy. Throughout this qualification you will look in depth at different business functions including marketing, finance and human resource management, as well as looking at businesses in a global context; learning how they use strategy and build effective leadership.

SOCIOLOGY

Sociology is a dynamic approach to the study of human society. Through the study of Sociology you will explore the origin, development and organisation of social groups including race, class and gender. You will debate, critically research and analyse real-world circumstances, sociological theories and perspectives. You will also analyse research methods used to obtain data, considering its strengths and limitations.

HISTORY

In a world of ever increasing access to information, we need to be able to work out which is reliable and trustworthy, whilst also developing an accurate and deeper understanding of our world. By studying the past, you will understand the world you live in through social, political, religious and economic conditions. More than this, you will develop your own opinions on how our world should work and what impact you might have.

ENGLISH LITERATURE AND LANGUAGE

You will explore a wide range of texts from various eras, cultures and genres and will be encouraged to develop your enjoyment of reading and writing as you build upon your skills of creativity, criticality and analysis. The A-Level is designed to promote the integrated study of language and literature, through the exploration of literary and non-literary texts. There are four key components of the course: Poetry and Prose; Drama; Non-literary texts and coursework on Gothic literature.

SPANISH

This course is designed to inspire and engage students with the most fundamental aspects of the culture of Spain and Spanish-speaking countries. We explore four main themes: Spanish society, political & artistic culture in the Spanish-speaking world, immigration & multiculturalism and the Spanish dictatorship & transition to democracy. You will also study a Spanish film and a book in depth and be exposed to a wide range of literature, music and videos. Our main aim is to provide a range of opportunities to continue your language learning beyond school.

EMPLOYER ENGAGEMENT

ACCOUNTANCY AND FINANCE

Supported by Career Ready

This course provides two distinct and equally vital elements: a basic understanding and accredited course in finance and accounts that is relevant to the modern economy; and the opportunity to work with Career Ready, a specialist organisation working with business and individuals to provide an insight into the world of work.

BUSINESS

This course is aimed at supporting you to become a business leader and entrepreneur of tomorrow. You will combine practical projects, industry engagement and online learning, to enable you to be successful in the business world of the future.

TRAVEL AND TOURISM

Work experience provided by local businesses will give you opportunities to gain experience, skills and an understanding of the tourism industry. The opportunity to learn outside of the classroom is a vital part of this career pathway.

COMBINE BUSINESS WITH OUR OTHER SPECIALISMS





DIGITAL PUBLISHING CORE

BTEC Digital Content Production - Extended Certificate

This practical and engaging course is designed to prepare you for further study or progression to employment in the media industry. The five units studied provide a grounding in key digital media skills, delivered using Adobe software. You can develop your creativity by completing practical projects making a range of media products such as magazines, film posters and websites.

DIGITAL PUBLISHING DIPLOMA

BTEC Digital Publishing - National Diploma (can only be taken with Digital Publishing Core)

This course builds on units taken in Digital Content Production, providing more opportunity for you to develop your technical skills and undertake more challenging projects, notably creating apps, photography portfolios and websites. You will also learn more general skills around how to complete media projects and work with clients to deliver satisfactory outcomes.

DIGITAL GAMES CORE

BTEC Digital Games Production - Extended Certificate

This practical and engaging course is designed to prepare you for further study or progression to employment in the media industry. The five units studied provide a grounding in key digital media skills, delivered using Adobe software and game specific software such as Concept 3. You can develop your creativity by completing practical projects making a range of media products including a 2D game, concept art for a game and an app.

DIGITAL GAMES DIPLOMA

BTEC Digital Games Design & Development - National Diploma (can only be taken with Digital Games Core)

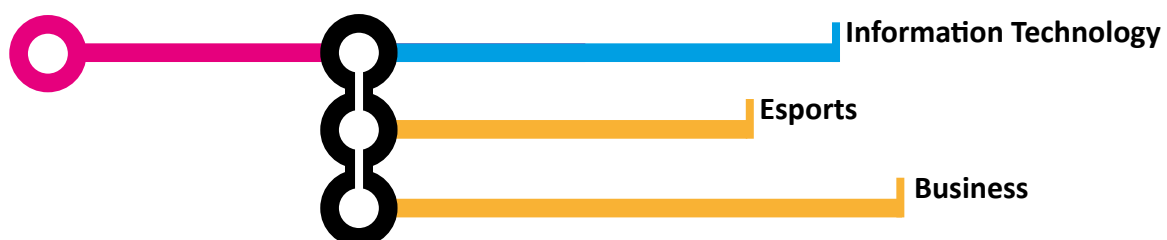
This course builds on units taken in Digital Games Production, providing more opportunities for you to develop your technical skills and undertake additional challenging projects. You will develop skills in making 3D models for use in games using Blender and Unity, applying realistic textures and details. You will also learn more general skills around how to complete media projects and work with clients to deliver satisfactory outcomes.

EMPLOYER ENGAGEMENT

GAMES DESIGN PATHWAY

Do you want to be part of a multi-million-pound industry designing games and apps? This exciting programme gives you the opportunity to develop industry relevant skills and will give you a detailed understanding of games design. You will construct games and apps to meet design briefs and critically engage with this vibrant and rapidly changing industry.

COMBINE CREATIVE MEDIA WITH OUR OTHER SPECIALISMS



FOUNDATION PATHWAY



We have a limited number of places to assist students that have not yet achieved grade 4s in English and Maths at GCSE. This 3 year pathway will give you access in year 2 to our range of educational courses and support you to achieve an aspirant destination.

LEVEL 2

DIGITAL LITERACY

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 you the opportunity to study for the professionally recognised Cisco IT Essentials qualification.

GCSE

ENGLISH

GCSE English Lift 2.0

GCSE English Lift is a new and exciting course, designed with post-16 learners in mind. Throughout the GCSE, you will be able to engage with a choice of contemporary texts, relatable modern themes and skills-based writing tasks. You will develop the ability to read, write and approach a text with a critical mindset. Therefore, the skills gained through GCSE English Lift will be transferable, impacting not only your other subjects whilst here at Logic, but also your life beyond school.

ENGLISH

Functional Skills Level 2

English Functional Skills is relevant, focused and adapted to the workplace. Throughout the course, you will explore a range of texts, learn to write in a number of modes, and develop your skills of speaking and listening. At the heart of Functional Skills is the ability to communicate in a range of real-world scenarios; it will aid in the next steps towards your GCSE in English.

MATHS

Functional Skills Level 2

Functional Skills mathematics is a qualification for work, study and life. Throughout the course, you will gain confidence and fluency in mathematical skills, which will prepare you for the next steps towards your GCSE in Mathematics. At the heart of functional skills maths, is the ability to apply mathematical thinking effectively to solve practical problems encountered in the workplace and in other aspects of life.

UNIVERSITIES PATHWAY



The Extended Project Qualification (EPQ) is all about freedom and curiosity. You are given the chance to complete a qualification based on your own interests and passions. The EPQ is a standalone accredited qualification which also gains UCAS points. It is designed to extend and develop your skills in independent research and project management and is supported by a designated tutor within the school.

WHAT YOU WILL DO IN SCHOOL?

- You will learn a range of different skills that will aid you in the completion of either a 5,000 word evidence based report or an artefact with an accompanying report. You will complete your project on a topic of your choice; therefore it is the only qualification that allows you to truly dictate your own learning.
- The EPQ will help you develop a wide range of skills including: independent research; time management; reflective writing; report writing; presentation skills; referencing skills; engaging with sources and critically analysing sources, to name but a few. The actual content of the course will be guided by you. You may study fashion, car engines, civil rights, the death penalty, feminism, veganism and so on.
- You will also have the opportunity to undertake visits to support your learning including the British Museum; the National Archives; and various universities and locations that support your project choice.

THIS COURSE IS IDEAL FOR?

As this is graded and carries UCAS points, it is ideally suited for those wishing to further their study after their time at Logic. However, the EPQ also provides an opportunity for you to develop your own knowledge and understanding of a topic you are interested in and want to explore further, just for you. Due to the nature of the course, we would expect you to have a high level of written and spoken literacy, as well as a proven record of time management and personal challenge.

HOW WILL THIS HELP YOU IN THE FUTURE?

Universities often regard the EPQ as a key indicator of a student's ability to successfully engage with their course and is often a key element of a student's application and interview, particularly with the UCAS points which are accredited for completion.

OUR CONSORTIUM



Though our core offering is in subjects that align with our specialism, by working closely with partner schools we are able to offer students the option to mix and match between providers. For instance, if you would like to study A-Levels in Maths, Economics and Physics we can offer this with Physics being studied at one of our partner schools.

The subjects below can be offered through the consortium:

Biology / Chemistry / Physics / Psychology /

GLOSSARY - COURSE GUIDE

A Levels:

Assessed through terminal exams, taken after 2 years. Final grades are given from A*-E.

AS Levels:

1 year courses, which can then be continued into a full A-Level if successful. Final grades are given from A-E.

Core Maths:

1 year course, worth half an A-Level. Final grades are given from A-E.

EPQ:

6 month programme which starts in October. Students produce a mini-dissertation about an area of academic study which interests them. They have a supervisor but much of this project is self-directed. A portfolio is produced and submitted to the exam board at the end of the course and is assessed externally. Final grades are given from A*-E.

BTEC National Diploma:

Equivalent to two A-Levels and is 8 or 10 units in total. We offer this in Business, I.T. and Creative Media (Digital Publishing or Digital Games). Each unit is marked as a Pass, Merit or Distinction and all of these are added up at the end of the course to create a final grade, e.g. DD, or DM, MP etc.

BTEC Extended Certificate:

Equivalent to 1 A-Level and is 4 or 5 units in total. We offer this in Business, I.T. and Creative Media (Digital Publishing or Digital Games) and Esports. Each unit is marked as a Pass, Merit or Distinction and all of these are added up at the end of the course to create a final grade, e.g. D*, D, M or P.

Exams for Industry:

Industry courses in computing and do not attract UCAS points. However they are qualifications which are accepted by all major IT employers, making students stand out and command an impressive starting salary.

WHY STUDY BTEC?

The way in which BTECs are taught and assessed differs greatly from A-Levels. Whilst all BTECs have exams, they are also assessed via coursework and practical projects. BTECs focus on teaching the specific skills needed in a particular subject area to succeed in the industry – something which is highly attractive to employers.

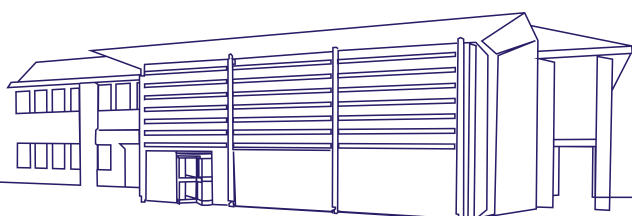
These courses are also a great route into university. Level 3 Diplomas are the equivalent to 2 A-Levels. Ninety-five per cent of higher education institutions in the UK accept BTEC students, including Russell Group universities.

The below **UCAS Tariff System, which universities use for acceptance show how these courses are also considered on a par to A-Levels.**

EPQ	AS Levels	Level 3 Maths	A Level	UCAS points	BTEC Diploma	BTEC F.Dip	BTEC Ext. Cert
				112	D*D*		
				104	D*D		
				96	DD		
				84		D*	
				80	DM		
				72		D	
				64	MM		
			A*	56			D*
			A	48	MP	M	D
			B	40			
			C	32	PP		M
A*				28			
A			D	24		P	
B	A	A		20			
C	B	B	E	16			P
D	C	C		12			
				10			
E	D	D		8			
	E	E		6			

A study by London Economics indicates that university graduates who only studied these vocational qualifications were more likely to be in employment than those who had studied purely academic qualifications like A-Levels.

Graduates with BTECs had an average full-time employment rate of 80% compared to A-Level only graduates with a rate of 74%.



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Member of **TUDOR PARK** Education Trust