

### **Extended Project Qualification from Edexcel**

The Extended Project Qualification (EPQ) is a skills based, independent research project which is unique in that you decide what it is about, and the focus is on developing valuable skills rather than learning and examining content.

By choosing to complete an Extended Project, you are embarking on a challenging and rewarding journey which will enable you to become the college expert in your chosen field and equip you with a range of skills valued both in further education and in the workplace.

### **BTEC Applied Science**

The Pearson BTEC Level 3 National Certificate in Applied Science is intended as an Applied General qualification for post-16 learners who want to continue their education through applied learning and who aim to progress to higher education, and ultimately to employment, possibly in the applied science sector. The requirements of the qualification will mean that learners develop the transferable and higher order skills which are valued by higher education providers and employers.

### **Art and Design A Level**

A-level Art and Design aims to further your interest and enthusiasm for Art! It will equip you with a set of transferable skills both for life and for a wide range of vocational areas. This creative course encourages you to develop your skills as a practising artist. You will be introduced to a variety of projects with the intention to build on your artistic skills and develop your use of materials.

### **Biology A Level**

The work of biologists is vital to us all. Choose Biology and you could find yourself advancing knowledge, pioneering new discoveries and tackling some of the challenges facing the world we live in. Biology is the study of the natural world and will take you on a journey through life from the macroscopic environments that drive the biodiversity we see on Earth, through to the microscopic world of the cell and the molecular interactions that drive it. Studying Biology at A Level will engage you with the complexities of Biological concepts and enable you to link this to concepts learnt in Chemistry and Physics too. Whilst there is a lot of theory to learn, there will also be a great deal of analysis of experimental data as you will be trained in the skills needed to be a real scientist

### **Chemistry A Level**

You are the substance of which stars are made. Just breathe in and out, and you are performing a chemical reaction! Pick up a soft drink and you'll find Chemistry everywhere – from the can you are holding to the paint used to cover it and the liquid inside. Chemistry is the study of all things, and how to change from one into another. Your food, body, mobile phone, the air you breathe, are all made of chemicals. If you like thinking logically - and thinking hard – then Chemistry is for you. If you want to see with new eyes all that is before you, in your food, cosmetics, product labels and in the atmosphere, and want to know how the world works, you are a natural chemist.

### **Economics A Level**

A-level Economics will give you an excellent understanding of how economies allocate their scarce resources to meet the needs and wants of their citizens. You will develop a greater understanding of the economic problems which face individuals, firms and governments on a local, national and global level and the alternative ways these problems can be resolved.

### **English Literature A Level**

A course designed for all students passionate about English Literature. You will have the opportunity to explore a range of texts from different time periods and authors. English Literature is an attractive A Level to all universities. Students achieving well in this subject are good communicators, can articulate effectively and are able to analyse, debate and explore perspectives.

### **Geography A Level**

Geography is a well-respected subject – it is interesting, varied and relevant to the world today, as well as equipping you with a full range of skills to employment. You will study a variety of topics and relevant affairs occurring internationally. This specification is well-designed and structured, being based on physical and human geography and one piece of coursework. Students will engage in exciting fieldwork opportunities to collect data and experience geography in the field.

### **BTEC Health and Social Care**

Health and Social Care is the study of human development across the lifespan, from birth to old age. The course analyses how we develop physically, intellectually, emotional and socially. Students will also explore the impact of both predictable and unpredictable life events, and recognise how they impact on individuals. There is heavy focus on understanding the job roles of the wide variety of professionals who support people in the community.

### **History A Level**

Studying A-Level History enables students to use their passion for the subject in a variety of ways including the importance of debate. The understanding and learning of History never stops. Learning History not only enhances your chances at university and in the job market but also broadens minds and evaluate issues not only at home but globally. It is also recognised as a facilitating subject by the Russell Group. Learning A-level History also encompasses the core values of Bishop Milner and enables students to spiritually and morally reflect on the events that have shaped the world that we live in today.

### **BTEC Law**

This qualification is for post-16 students who want to continue their education through applied learning and to progress to higher education and ultimately to employment, possibly in the legal sector. It aims to give a coherent introduction to study of the legal sector. It is designed to be taken

as part of a programme of study that includes other appropriate BTEC Nationals or A-levels. It provides the basis of an excellent route for learners to pursue a career in the legal sector.

### **BTEC ICT**

This qualification is designed for students who are interested in an introduction to the study of creating IT systems to manage and share information, alongside other fields of study, with a view to progressing to a wide range of higher education courses, not necessarily in IT. This qualification has been developed with employers, representatives from higher education and professional bodies to create a qualification that provides the skills, knowledge and understanding valued both in the work place and universities.

### **Mathematics A Level**

Mathematics is fundamental in everything we do in life. Whether it is how a skier accelerates down a ski slope or predicting how a new disease will spread through a population, Mathematics is everywhere! Choose Maths and you will have the opportunity to get stuck into some challenge problems which show exactly how our world works.

### **BTEC Sport**

The Extended Certificate is an academic, practical and vocational course. It is suited to those students who are interested in further studies, or a career in sports. Through a combination of both practical and theory elements, students will gain a deeper understanding of anatomy and physiology, fitness training and programming for health and well-being, professional development in the sports industry and the principles of fitness testing.

### **Physics A Level**

Physics has one of the highest currency values of any A-level. It commands universal respect among universities and employers. Progressing through the course builds on upon knowledge of the laws of physics, application of understanding to areas ranging from sub-atomic particles to the entire universe. Learners are encouraged to acquire the skills to think independently and creatively in a challenging scientific environment.

### **Psychology A Level**

Psychology is the scientific study of human behaviour and experiences, where we look to explain why people are the way they are. The course aims to extend our everyday observations of human behaviour by attempting to explore the truth behind what is 'known' scientifically. Psychology also examines how to help treat individuals who suffer from various psychological disorders, and the different ways one can go about this. Psychology is an academically challenging subject that includes sizeable science and mathematical elements, as well as extended essay writing.

### **Religious Education A Level**

Religious Studies A-level is a dynamic and engaging course, which combines issues of religion, morality, ethics, sociology and philosophy with contemporary topics, such as gender, sexism and business ethics. Students enjoy the passionate debates that are a key aspect of studying this subject and the chance to share their own theories regarding ideas from as far back as Ancient Greek philosophy.

### **Sociology A Level**

Sociology is the study of how society is organised. We look at the relationships between individuals and groups and how experiences, such as childhood poverty, racism and labelling can affect a person's life chances. Our students find that studying Sociology makes them look at Britain and the world today in new ways. What students discover is how to think critically for themselves and to look at human behaviour from different perspectives.