

# ST ANDREW THE APOSTLE



## WHY CHOOSE OUR SIXTH FORM?

- High achieving and aspirational
- Proven track record
- Small, supportive community
- All students known and cared for
- Our Christian faith ethos

# **Ofsted 2024:**

- Pupils here are happy members of this school community and said that it feels like 'a family'.
- Teachers are confident subject experts.
- Pupils can choose from a wide range of subjects, including in the sixth form.



This course guide demonstrates our wide curriculum offer, the specifics of what you will learn and the entry requirements for each course.

Our students benefit from small class sizes; however, courses will only run subject to demand and availability.

See below for more sources of information.

Visit: www.standrewtheapostle.org.uk/6thformwelcome

Email: <u>sixthform@standrewtheapostle.org.uk</u>

Call: 020 3195 5444



# **A Level Courses**

- Biology
- Business Studies
- Chemistry
- Classical Civilisation
- English Literature
- Further Maths
- History
- Maths
- Media Studies
- Physics
- Politics
- Psychology
- Religious Studies
- Product Design

# **BTEC Courses**

- PE
- Business Studies

# **Additional Courses**

EPQ



# **Biology**

### Why choose this course?

Biology A Level will give you the skills to make connections and associations with all living things around you.

Possible degree options: According to bestcourse4me.com, the top seven-degree courses taken by students who have an A Level in Biology are:

- Biology Psychology Sport and exercise science Medicine Anatomy
- Physiology and Pathology Pharmacology Toxicology and Pharmacy Chemistry.

Possible career options: Studying A Level Biology at university gives you all sorts of exciting career options, including:

- Doctor Clinical molecular geneticist Nature conservation officer Pharmacologist
- Research scientist Vet Secondary school teacher Marine biologist Dentist.

### **Course Fundamentals**

- Module 1: Development of practical skills in biology.
- Module 2: Cells, chemicals for life, transport and gas exchange.
- Module 3: Cell division, development and disease control.
- Module 4: Energy, reproduction and populations.
- Module 5: Genetics, control and homeostasis.

### **Examination/Assessment**

- Paper 1: 2 hour 15 minutes written exam.
- Paper 2: 2 hour 15 minutes written exam.
- Paper 3: 1 hour 30 minutes written exam.

### **Entry Requirements**

GCSE Grade 5 in double science and English language

# **Business Studies**

### Why choose this course?

Business is a subject that is relevant to all of us as we spend much of our lives dealing with businesses, either as employees or potential customers. Gaining an understanding of how businesses operate will also help equip you for a wide range of careers and for some, will develop your ability to run your own business. Learning about the environment in which businesses operate helps all of us understand and deal with the social, legal, economic, political and technological factors that affect our lives.

### **Course Fundamentals**

You will study four themes and will sit three exams at the end of your course:

- Paper 1 is focused on marketing and people (Theme 1) and global business (Theme 4)
- Paper 2 is focused on managing business activities (Theme 2) and business decisions and strategy (Theme 3)
- Paper 3 is a synoptic paper where students will be expected to make connections across all four themes, as well as study a pre-released text.

Students will be taught through a range of techniques from flipped-learning and case studies to group work, and presentations. You will be encouraged to keep up to date with current business headlines as it is will help you to put your learning in context. What kind of things might it lead to? Career Paths: • Finance and accounts • Marketing • Retail management • Human resource

management • Financial services such as banking and insurance • Event

 $management \bullet Business \ consultancy.$ 

### **Examination/Assessment**

Paper 1: 2 hour written exam.

Paper 2: 2 hour written exam.

Paper 3: 2 hour written exam.

### **Entry Requirements**

Grade 6 in mathematics and Grade 5 in English language.



# Chemistry

### Why choose this course?

A Level Chemistry attempts to answer the big question 'what is the world made of ' and it's the search for this answer that makes this subject so fascinating. From investigating how one substance can be changed drastically into another, to researching a new wonder drug to save millions of lives, the opportunities that chemistry provides are endless. Possible degree options: According to bestcourse4me.com, the top five-degree courses taken by students who have an A Level in Chemistry are:

- Chemistry Biology Pre-clinical medicine Mathematics Pharmacology. Possible career options: Studying an A Level Chemistry related degree at university gives you all sorts of exciting career options, including:
- Analytical chemist Chemical engineer Clinical biochemist •
  Pharmacologist Doctor Research scientist (physical sciences) Toxicologist
   Chartered certified accountant Environmental consultant Higher
- education lecturer Patent attorney
- Science writer Secondary school.

### **Course Fundamentals**

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.

### **Examination/Assessment**

Paper 1: 2 hour 15 minutes written exam.

Paper 2: 2 hour 15 minutes written exam.

Paper 3: 1 hour 30 minutes written exam.

### **Entry requirements**

GCSE Grade 5 in double science and English language

# **Classical Civilisation**

### Why choose this course?

Classical Civilisation A Level students will be given the opportunity to explore the ancient world through the study of diverse material, which will allow them to experience of literature, mythology, history, drama and art. Development of critical thinking and analytical skills are two of the key objectives of this course. Classical Civilisation A Level is often taken with modern or ancient languages as well as History, Geography, Religious Studies and Art.

### Course Fundamentals

Anyone who is interested in the Ancient World and enjoys History, Politics or literature should consider studying this course. It is open to any students no matter what their GCSE subjects. All texts are studied in translation so no other language besides English is required.

In Year 12, students will study two components. In Component 1, they will study Homer's Odyssey. They will examine the way the epic was composed and the religious, cultural and social values and beliefs of its society.

Component 2 is about Greek theatre. They look at the nature of drama and the social, political and religious themes of comedy and tragedy.

In Year 13, students study two more topics. They study a second text in Component 1;Virgil's Aeneid. Similar to the Odyssey, they examine the literary techniques, political background and its social, cultural and religious context. In component 3, they study the concept of democracy; what this meant to the Athenians and its positive and negative aspects.

### **Examination/Assessment**

Component 1: The World of a Hero 2 hour 20 minutes Written Paper Component

2: Culture and the Arts 1 hour 45 minutes Written Paper Component

3: Beliefs and Ideas 1 hour 45 minutes Written Paper.

### **Entry requirements**

GCSE Grade 6 in English language.



# **English Literature**

### Why choose this course?

English literature is without doubt the premier written A Level subject and sits alongside further mathematics in terms of its credibility. Studying literature is perfect for anyone with a passion for reading literary texts from any era or movement. It allows you to develop your understanding of the intricacies of language and identify waves of meaning, both above and below the surface. You will develop a wider appreciation of the importance of context, exploring the factors that shape a text, whether that is when it was written or why, or how different eras have interpreted the same text differently. You will be able to engage in dynamic class discussions, learning to explore through debate and critical questioning.

As one of the big traditional subjects, English literature is welcomed by universities and employers. It shows that you are reflective, thoughtful and capable of intense analytical thought. It provides access to a wide and disparate range of degree courses. It is also useful in applying to enter the world of media and journalism, or other interpretative or creative fields.

### **Course Fundamentals**

The qualification requires students to study eight literary texts. Three of these have to be pre-1900 texts (including one Shakespeare play), plus one text first published or performed post-2000.

### **Examination/Assessment**

Component 1: Written examination, lasting 2 hours and 15 minutes.

Component 2: Written examination, lasting 1 hour.

Component 3: Written examination, lasting 2 hours and 15 minutes.

Component 4: Non-examination assessment.

### **Entry requirements**

GCSE Grade 6 in English language GCSE Grade 6 in English literature



### Why choose this course?

Further mathematics is taken in addition to A Level mathematics and together they provide the prestigious combination that the best universities will be looking for. This really is the gold plated course for ambitious and talented mathematicians on which to thrive. It enables enthusiastic mathematicians to broaden and deepen their subject knowledge through studying additional, more challenging topics in pure mathematics as well as a wider range of topics in applied mathematics. Further mathematics is suitable for students who are thinking of studying for a mathematics, engineering, physics or similar degree. It is also for those students who love mathematics and want to devote more time to the studying wider aspects of the subject.

You will develop your understanding through a range of methods, including modelling, application, discussion and presentation. Independent study is a vital part of this development where you apply new techniques and ensure a deep understanding. A number of web-based platforms will be available to support your mathematical development. What kind of things might it lead to? Mathematics underpins most of science, technology and engineering and is also important in areas as diverse as business, law, nutrition, sports science and psychology. There are many opportunities to use mathematics to make a difference in society, for example through the analysis involved in medical research, developing new technology, modelling epidemics or in the study of patterns of criminal activity to identify trends. Examples include finance and banking, operational research, computer game design, engineering, health, education, teaching, accounting, aerospace and defence, environmental industry, pharmaceutical industry, healthcare, food and drink industry, bio science and medicine.

### **Course Fundamentals**

Year 12: Decision mathematics and further pure mathematics 1. Year 13: Further pure mathematics 2 • Further mechanics.

### **Examination/Assessment**

Assessment is entirely through terminal examinations, with four 1½ hour exams at the end of Year 13. NB. Students will require specific graphic calculators which cost around £100 each.

### **Entry requirements**

Grade 7 in mathematics. You must be taking A Level mathematics.



# **History**

The purposes of this qualification are to:

### Why choose this course?

History helps you develop critical thinking and understanding, making sense of the modern world and challenging 'fake news', whilst deepening your appreciation of the human story. History is also a highly respected A Level, listed as a 'facilitating subject' by the Russell Group. This means it is more frequently required for entry to degree courses than some other subjects. It is academically rigorous and shows a deep commitment to real study. It is useful for a career in the Law, Media, PR / Advertising, Civil Service and many other areas. It is also fascinating and will be taught by outstanding teachers, using exceptional resources and deep subject knowledge.

- Define and assess achievement of the knowledge, skills and understanding that will be needed by students planning to progress to undergraduate study at a UK higher education establishment, particularly (although not only) in the same subject area
- Set out a robust and internationally comparable post-16 academic course of study to develop that knowledge, skills and understanding
- Enable UK universities to accurately identify the level of attainment of students
- Provide a basis for school and college accountability measures at age 18
- Provide a benchmark of academic ability for employers.

### **Course Fundamentals**

Students are taken through familiar and new elements of History in our A Level course. Martin Luther King, John F Kennedy. The Vietnam War, Bloody Mary, Henry VIII, the Civil Rights

Movement. Students will develop key reading and essay-writing skills, alongside engaging in a high level of debate and argument. In short, if you liked GCSE History, you will love A Level.

### Examination/Assessment

Two exams and one coursework piece. Paper 1: Tudor England, 1485–1603.

Paper 2: Paper 2: Birth of the USA, 1760-1801.

Coursework: 3000-3500 essay on a topic chosen by you and guided by teachers.

### **Entry requirements**

GCSE Grade 6 in history GCSE Grade 5 in English

# **Mathematics**

### Why choose this course?

Mathematics at A Level builds on work you will have met at GCSE, but also involves many new ideas. If you enjoy Maths, have a strong work ethic and relish the challenge of problem solving then this is the course for you. The skills developed through the study of mathematics are in high demand from employers. In addition to developing the ability to solve problems and think logically, the study of mathematics provides opportunities to develop team-working skills, resilience, effective communication of complex ideas and the ability to use your own initiative. The vast range of degree courses and careers that require solid mathematical skills ensures that taking mathematics to AS level or beyond will open doors to a world of opportunities!

### **Course Fundamentals**

Pure Maths: • Algebra and functions • Coordinate geometry in the (xy) plane sequences and series • Trigonometry • Exponentials and logarithms • Differentiation • Integration • Numerical methods • Vectors Statistics: Statistical sampling: • Data presentation and interpretation Probability • Statistical distributions • Statistical hypothesis testing Mechanics: Quantities and units in mechanics: • Kinematics

Forces and Newton's laws . Moments.

### **Examination/Assessment**

Paper 1: Pure mathematics 1

Paper 2: Pure mathematics 2

Each paper is a 2-hour written examination

Paper 3: Contains questions on topics from the Statistics and

Mechanics content.

### **Entry requirements**

Preferred grade 7 (in exceptional circumstances grade 6)



# **Media Studies**

### Why choose this course?

Why should I study Media? Are you creative? Do you have a passion for all forms of media? Are you interested in creating and editing your own material? An interest in film, television, magazines and advertising and marketing is advisable, and a good grade in English and English literature GCSE is essential.

A Level media studies will help you if you would like to further your education by studying different forms of media at university – whether it be undertaking a practical production course or pursuing ajournalistic route. It will benefit you when applying for apprenticeships in the media, giving you invaluable experience of researching, planning and producing your own media products.

The media play a central role in contemporary culture, society and politics. They shape our perceptions of the world through the representations, ideas and points of view they offer. The media have real relevance and importance in our lives today, providing us with ways to communicate, with forms of cultural expression and the ability to participate in key aspects of society. The economic importance of the media is also unquestionable. The media industries employ large numbers of people worldwide and generate significant global profit. The globalised nature of the contemporary media, ongoing technological developments and more opportunities to interact with the media suggest their centrality in contemporary life can only increase.

### **Course Fundamentals**

Component 1: Meanings and Representations in the Media Written examination: 2 hours 30% of qualification Component 2: Media Forms and Products in Depth Written examination: 3 hours 40% of qualification

Component 3: Cross-Media Production Non exam assessment 30% of qualification

### How will I learn?

Students of Media Studies will:

- demonstrate skills of enquiry, critical thinking, decision-making and analysis
- · demonstrate a critical approach to media issues
- demonstrate appreciation and critical understanding of the media and their role both historically and currently in society, culture, politics and the economy
- develop an understanding of the dynamic and changing relationships between media forms, products, industries and audiences
- · demonstrate knowledge and understanding of the global nature of the media
- apply theoretical knowledge and specialist subject specific terminology to analyse and compare media products and the contexts in which they are produced and consumed
- make informed arguments, reach substantiated judgements and draw conclusions about media issues
- engage in critical debate about academic theories used in Media studies
- · appreciate how theoretical understanding supports practice and practice supports theoretical understanding
- demonstrate sophisticated practical skills by providing opportunities for creative media production.

### Examination/Assessment

Grade 5 in both English language and English literature.

# **Physics**

### Why choose this course?

Physicists explore the fundamental nature of almost everything we know of. They probe the furthest reaches of the earth to study the smallest pieces of matter. Join them to enter a world deep beneath the surface of normal human experience.

Possible degree options:

- Mathematics
- Physics
- · Mechanical Engineering
- · Computer Science
- · Civil Engineering
- Economics
- · Business.

Possible career options:

- · Healthcare scientist/medical physics
- · Higher education lecturer
- · Radiation protection practitioner
- Scientific laboratory technician
- Secondary school teacher
- Meteorologist
- · Engineering

### **Course Fundamentals**

Module 1: Development of practical skills in physics. Module 2: Foundations of physics.

Module 3: Forces and motion.

Module 4: Electrons, waves and photons. Module 5: Newtonian world and astrophysics. Module 6:

Particles and medical physics.

### Examination/Assessment

Paper 1: 2 hour 15 minutes written exam.

Paper 2: 2 hour 15 minutes written exam.

Paper 3: 1 hour 30 minutes written exam.

### Entry requirements

Grade 5 GCSE in science Grade 6 GCSE in mathematics



# **Politics**

### Why choose this course?

This course is designed for those that have an interest in both UK and US politics. The course is very modern and up-to-date which means that anything that has been happening in the lead up to the exam could be a topic within it. As it is based in current affairs, you would be expected to have an interest and knowledge of the world around you.

The politics course can lead to a wide range of degrees ranging from Politics and Economics to History and beyond.

Career paths can lead to:

- Local/National Government
- Business / Consultancy Law
- Humanities Based Careers.

### **Course Fundamentals**

- Democracy and participation
- Political parties
- · Electoral systems
- · Voting behaviour and the media
- · Liberalism, Conservatism and Socialism
- Constitution
- Parliament, Prime Minister and Executive
- · Relationship between branches
- The US Constitution and Federalism
- US Congress and US presidency
- US Supreme Court and US civil rights
- US Democracy and participation
- · Comparative theories.

### **Examination/Assessment**

3 x 2 hour exams UK Politics paper

UK Government paper Comparative Politics USA paper.

### **Entry requirements**

GCSE Grade 6 in English Literature or

GCSE Grade 6 in History if previously studied



# **Psychology**

### Why choose this course?

Psychology is a popular subject which is attractive to students because it develops a range of valuable skills, including critical analysis, independent thinking and research. These skills are particularly relevant to young people and are transferable to further study and the workplace

Studying psychology at university can give you a whole host of exciting career options, including:

- Marketing
- Business development
- Human resources
- Forensic psychology
- Occupational therapy
- Clinical psychology
- Nursing
- Teaching

### **Course Fundamentals**

Social influence:

- Memory Attachment Approaches in psychology Biopsychology
- Psychopathology
  Research methods

Compulsory content:

• Issues and debates in psychology

Optional content:

Option one: • Relationships • Gender • Cognition and

development

Option two: • Schizophrenia • Eating behaviour • Stress

Option three: • Aggression • Forensic psychology • Addiction

### Examination/Assessment

At A Level there are three exams, each account for one third of your A Level. The three exams last 2 hours and are worth 96 marks each. The exams consist of multiple choice, short answer and extended writing questions.

### **Entry requirements**

GCSE Grade 5-5 in Combined

Science

GCSE Grade 6 in English

# **Religious Studies**

### Why choose this course?

Religious Studies A Level allows you to examine the most important questions about life and evaluate the possible answers. If you like questioning why things are the way they are, this is the subject for you! It is valued by universities as a course that demands knowledge, understanding and analysis of complex themes. It is suitable for a range of pathways, with Law and Medicine being two differing but popular post A Level university courses.

### **Course Fundamentals**

There are three sections to the course:

- Philosophy of Religion, including: arguments for God's existence, the problem of evil, the existence of the soul, and the validity of Religious Experience.
- Ethics and Religion, including: embryo research, capital punishment, assisted suicide, animal rights, cloning, free will, and conscience.
- Study of Religion (Christianity) and Dialogues, including: the afterlife, moral principles, the role of the Church, gender and sexuality, and secularism.

### **Examination/Assessment**

At A Level, there are two exams at the end of the second year:

- Philosophy of Religion and Ethics: 3 hours,
- Study of Religion and Dialogues: 3 hours,

### **Entry requirements**

GCSE Grade 5 in religious studies. GCSE Grade 5 English.

# **Product Design**

### Why choose this course?

Designers shape the world around us, predict our future and solve problems through the products they create. This creative and thought-provoking qualification gives you the practical skills, theoretical knowledge and confidence to succeed in a number of careers. You will:

• Design and manufacture a range of multi material products and study their impact on daily life and the wider world • Be supported to be creative and develop your drawing and sketching skills and use of digital technologies to create quality presentations • Have practical experience of a range of materials and components and manufacturing methods • Learn to work collaboratively to develop and refine your ideas, responding to feedback from users, peers and expert practitioners • Gain an insight into the creative, engineering and manufacturing industries and learn about the iterative design practices and strategies they use • Explore important issues that affect design in the wider world such as sustainability, globalisation and inclusive design; in order to become an empathetic and successful designer who can consider wider social implications of products.

### **Course Fundamentals**

The course intertwines theoretical design principles with the development of a deeprooted understanding of materials and their application. This will be achieved through a range of focused practical tasks, live design briefs and independently selected projects. Practical lessons will make full use of the specialist workshops, tools and equipment. Work placements in design, architecture and engineering companies are guaranteed.

### **Examination/Assessment**

There are two main written examinations at the end of Year 13 •Exam paper 1— Technical principles (25%) •Exam paper 2 — Designing and making principles (25%) •Non-exam assessment — Iterative Design Project (50%) During Year 13 you will complete an independent design, make and evaluate project following the iterative process. You will be required to identify a design opportunity or problem from a context of your own choice.

### **Entry requirements**

Grade 5 or above in GCSE Maths. Grade 5 in GCSE D&T is beneficial, however, if you have not studied D&T at GCSE level, you will need to demonstrate enthusiasm and commitment for the subject.



# **BTEC Sports**

### Why choose this course?

If you are interested in continuing your education through applied learning and aim to progress to higher education and ultimately to employment in the sport sector; this is the course for you. The qualification is equivalent in size to one A Level, and it has been designed as a full-time study programme

### **Course Fundamentals:**

Learners will study three mandatory units:

Unit 1: Anatomy and Physiology

Unit 2: Fitness Training and Programming for Health, Sport and Well-being

Unit 3: Professional Development in the Sports Industry.

Learners will also choose one optional unit from a range which has been designed to support choices in progression to sport courses in higher education, and to link with relevant occupational areas.

optional units:

Sports Leadership Application of Fitness Testing Sports Psychology Practical Sports Performance

### **Examination/Assessment**

Unit 1: Written examination set and marked by Pearson.

1.5 hours/90 marks

Unit 2: Fitness Training and Programming for Health, Sport and Well-being

A task set and marked externally and completed under supervised conditions.

Written submission.

60 marks

### **Entry requirements**

Grade 4 in GCSE PE if previously studied Grade 4 in English and Maths

# **BTEC Business Studies**

### Why choose this course?

Students completing their BTEC Nationals in Business will be aiming to go on to employment, often via the steppingstone of higher education.

### **Course Fundamentals**

There are 3 mandatory units that learners must complete, 1 internal and 2 external. Learners must complete and achieve at pass grade or above for all these units:

- · Exploring Business
- Developing a Marketing Campaign
- Personal and Business Finance

Optional units: learners complete 1 unit from below:

- Recruitment and Selection Process
- Investigating Customer Service
- Market Research
- The English Legal System
- Work Experience in Business.

### **Examination/Assessment**

Internal assignments: Work-related assignments set and marked by the center.

External Tasks: Practical, work-related tasks, set and marked by Pearson.

 $\label{thm:prop:constraints} Written \ answers \ to \ practical \ questions \ set \ and \ marked \ by \ Pearson.$ 

### **Entry requirements**

 ${\sf GCSE\,Grade\,4\,in\,business\,if\,already\,studied.}\ {\sf GCSE\,Grade\,4\,in\,English\,and\,Maths}.$ 



# **Additional Course: EPQ**

### Why should I do the EPQ?

The EPQ allows each student to embark on a largely self-directed and self-motivated project. It is an opportunity to look deeply at a topic you are passionate about and explore it fully in a range of different ways. Students must choose a topic, plan, research and develop their idea and decide on their finished product. The course encourages creativity and curiosity. A project topic may be directly related to a student's main study programme but should look beyond the specification. A finished product may take the form of a:

- research based written report
- production (charity event, fashion show or sports event, for example)
- an artefact (piece of art, a computer game or realised design).

A written report must accompany these options. Previous student projects have included;

- Will antibiotics become useless?
- The history of drumming in rock music
- The impact of the portrayal of women in the media
- Drugs and the Tour de France.

Students must also record their project process in their Production Log. The process of recording and completing a project is as important as the finished product. Both the Production Log and Product will be assessed.

### **Course Fundamentals**

It's divided into a neat process and structure, allowing you the best opportunity to develop your project.

- $\bullet$  Choose an area of interest and draft their project title and aims
- Plan, research and carry out their project
- Keep a production log of all stages of the project production, reviewing and evaluating their progress
- Complete the project product
- Prepare and deliver a presentation
- Review the outcome of their project and presentation.

The EPQ can be the deciding factor for top universities who have lots of students applying with the top grades. Extended projects can help students to develop and demonstrate a range of valuable skills through pursuing their interests and investigating topics in more depth. It has also been praised by universities for guiding students into higher education and is an excellent component of any outstanding UCAS application.

### **Entry requirements**

4 GCSEs in Grade 5 including English and maths.



# SIXTH FORM Our Sixth Form opened in September 2018, enabling our students to build on their excellent GCSE results. The Sixth Form offers a wide range of courses and outstanding pastoral care. Sixth formers play a key role in the life of the school, modelling academic study and high levels of personal conduct for younger students. Our students then progress to a range of career choices, including some to Russell Group universities including Oxford and Cambridge, and into competitive subjects such as Medicine, Science, Mathematics and Law

# A high achieving school for Barnet and beyond.

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