



# Rugby Free

Secondary School



# 2021-22

SIXTH FORM PROSPECTUS



**RESILIENCE**  
The ability to recover quickly and learn from the difficulties we face

**RESPECT**  
To appreciate the importance of understanding and admiration for others and self

**CURIOSITY**  
A strong desire to know and to learn

**“We strive to develop well rounded individuals who are respectful, curious and resilient.”**



# CONTENTS

## 01. WELCOME TO RFSS

## 01. LEARNING TODAY LEADING TOMORROW

## 03. TRUST CORE VALUES

## 04. SUPPORT & GUIDANCE AT RFSS

## 06. PATHWAY FOR PROFESSIONALS

## 10. ENRICHMENT AT RFSS

## 12. CHOOSE YOUR PROGRAMME OF STUDY

## 14. THE APPLICATION PROCESS

## 15. SUMMARY OF COURSES ON OFFER

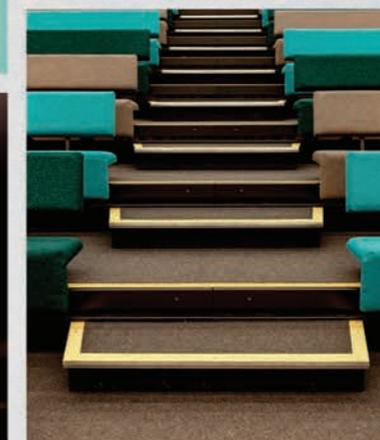
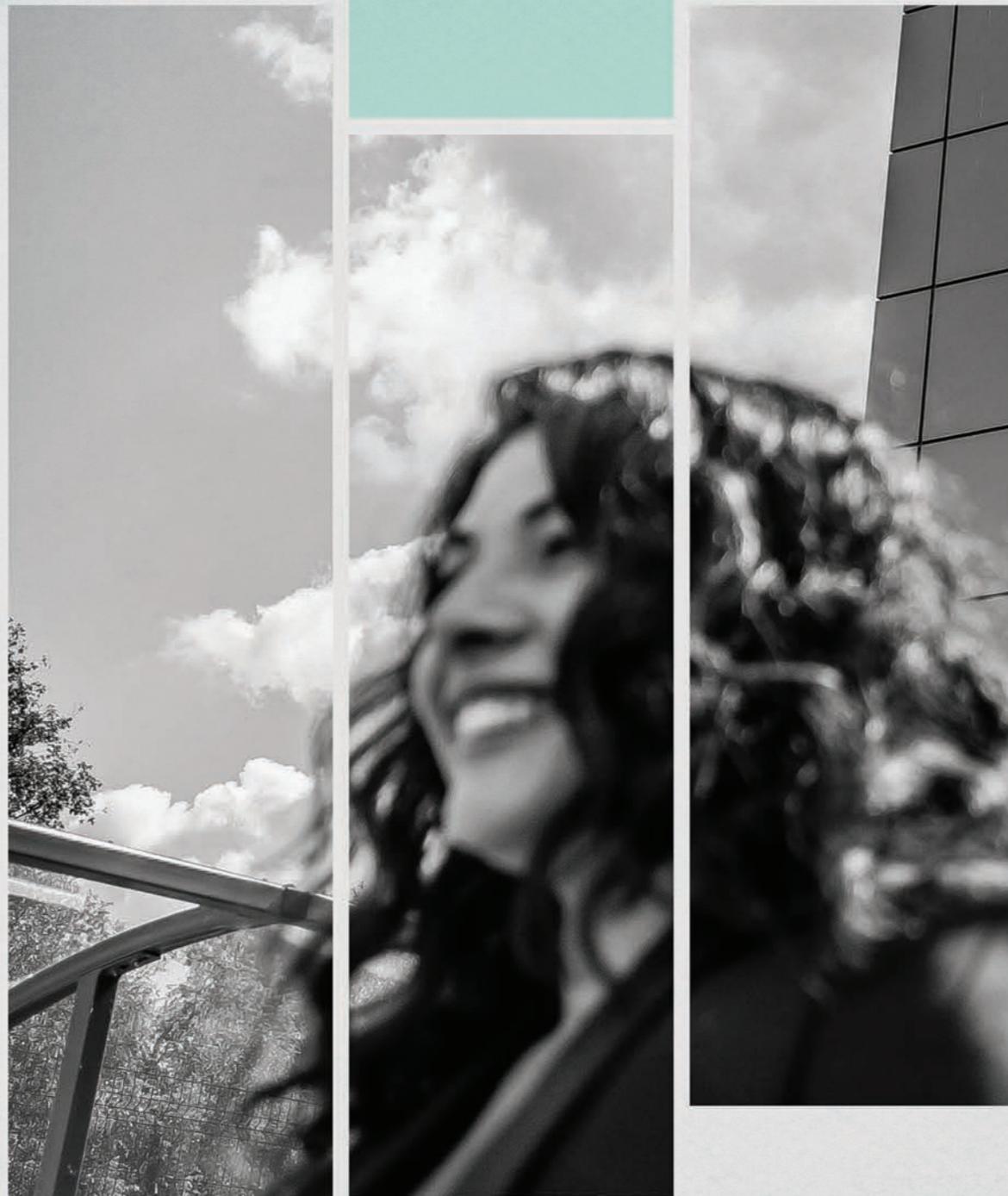
## 16. UNIVERSITY DEGREE CHOICES

## 17. ENTRY REQUIREMENTS FOR COMPETITIVE COURSES

## 18. ACHIEVING A COMMON GOAL

## 21. COURSE INFORMATION

- 22. – BTEC L3 Applied Science
  - AS/A-Level Biology
  - AS/A-Level Chemistry
  - AS/A-Level Physics
- 24. – AS/A-Level Art & Design
  - BTEC L3 Construction & the Built Environment
  - AS/A-Level Fashion & Textiles
  - BTEC L3 Food Science & Nutrition
  - AS/A-Level Product Design
- 26. – AS/A-Level Computer Science
  - BTEC L3 Information Technology
  - AS/A-Level Mathematics
  - AS/A-Level Spanish
- 28. – AS/A-Level Drama & Theatre
  - AS/A-Level English Lit & Lang
  - AS/A-Level Media Studies
  - AS/A-Level Music
  - BTEC L3 Music Technology
- 30. – AS/A-Level Geography
  - AS/A-Level History
  - AS/A-Level Psychology
  - AS/A-Level Religious Studies
  - AS/A-Level Sociology
- 32. – BTEC L3 Health & Social Care
  - AS/A-Level Physical Education
  - BTEC L3 Sport & Physical Activity



## WELCOME TO RFSS

Thank you for your interest in Rugby Free Secondary Schools Sixth Form. We are an 11-19 free school in the heart of Rugby, Warwickshire.

You are looking to join us at a hugely historic moment for the school, as we embark on our first cohort of Sixth form students to join us in our brand new state of the art £25 million facility.

We are a school that is driving forward at pace. Our collaborative approach to working with our community, local universities and employers is providing those students, who choose to place their faith and futures with us, with the support needed for them to make the progress they want and deserve.

RFSS makes an inclusive vision a reality. We have high expectations of how our students behave, what they will achieve to prepare them for life.



Learning Today Leading Tomorrow Trust aims to give children and young people the knowledge, skills and experiences that expands their minds and view of the world to enable them to develop a naturally inquisitive approach to learning and life, fit for an ever-changing world. We educate and support all students to grow into capable and contributing citizens who have developed the personal attributes and characteristics that will enable them to become considerate, self-reliant and confident young people, ready for the next stage of their lives.





# TRUST CORE VALUES



**KINDNESS**  
The quality of friendliness, generosity, consideration, honesty



**COLLABORATION**  
The belief that working and learning with others will lead to greater success



**CURIOSITY**  
A strong desire to know and to learn



**RESPECT**  
To appreciate the importance of understanding and admiration for others and self



**RESILIENCE**  
The ability to recover quickly and learn from the difficulties we face



**ENDEAVOUR**  
The belief that hard work is needed to achieve something we can be proud of

## WELCOME TO RFSS

We believe in every student being given the opportunity to achieve his, her, their potential... even go beyond it!

At RFSS we strongly believe that education transforms the lives of young people, so that they can become successful adults. Helping to deepen students' understanding of human values and attitudes, developing student's vision, ambition and aspirations are a key part of the work within the Sixth form.

We believe our role is to promote students to gain the confidence and capacity to flourish in the global society we live in today and into the future.

When students move on from us to their chosen destination, they will have been supported to make the carefully considered, well informed choices, whether that is work, university or an apprenticeship.

We hope that you will join us and play your part in our future success, as earnestly as we hope to help contribute to your ongoing development and academic achievements.

The students who have been with us from Years 7-11 will welcome external applicants with open arms, to join us in this bright, exciting future we are building together.

Miss Samirah Roberts | Headteacher

## SUPPORT INCLUDES

- Subject mentoring
- Medical Admissions (UKCAT) support
- Interview guidance
- University Masterclasses
- Independent University modules (MOOCs)
- The Extended Project
- Opportunities to take part in University taster projects

**Students can also take advantage of support to apply for a wide range of external programmes whilst at RFSS Sixth Form including:**

- Social Mobility Foundation – Aspiring Professionals Programme
- University of Birmingham Routes to the Professions Programme (Medicine/Dentistry/Engineering/Finance/Law)
- Aston University Progression Pathways Programme
- The Brilliant Club
- University of Birmingham A2B Scheme & B-Link Programme
- Coventry University various support projects for students ranging from UCAS, statement writing support and student finance advice
- Oxbridge Mentoring
- The Nuffield Foundation Research Placement
- University Masterclasses
- Skills Test support for teaching
- Sutton Trust Summer Schools
- University of Birmingham Undergraduate Mentoring in Biology, English and Mathematics

## SUPPORT & GUIDANCE AT RFSS

### ACADEMIC TUTORING

All students have a Form Tutor who is their daily point of contact. Tutors monitor students' progress and have regular one-to-one mentoring sessions. Tutors also run workshops for Careers and Personal Development Programme which focuses on key areas such as study skills, transition, future career options, health and wellbeing, and interview preparation amongst others. We also look to cover topical issues, be they local, national or global, with a focus on discussion and debate. Much emphasis is placed on ensuring students are supported through examination periods and that all students are on the right courses for their prospective career path.

### CAREER INFORMATION ADVICE AND GUIDANCE

Impartial one-to-one careers advice and guidance is available for all students at RFSS through appointments with a Careers Service Adviser. Students will be supported in developing an appropriate career plan and will be required to attend a work experience placement in Year 12. Students will be given advice by their Tutors and the Sixth Form team on education, training and work opportunities, as well as being assisted and advised with applications for universities, apprenticeships or jobs. We offer one-to-one interviews, bespoke Careers Day events for both Year 12 and Year 13 students, careers workshops and access to a range of careers resources and software.

### MENTORING AND COUNSELLING

Students in the Sixth Form have the opportunity to have one-to-one support with our Sixth Form Team. This will help us to identify any potential barriers to learning and offer appropriate support and guidance. Students can book an appointment with a member of the Sixth Form Team or may be referred by their Form Tutor.

### FINANCIAL SUPPORT

Financial support is available for students who meet the 16 – 19 Bursary requirements and will be discussed during the interview and induction process.

## PATHWAYS FOR PROFESSIONALS

The programme is designed to provide students with tailored support and guidance in preparation for applications for the most competitive University courses and apprenticeships.

The Pathways programme aims to develop a variety of skills including research skills, presentation skills, critical thinking and problem solving.

This includes support with University applications and interviews for courses including: Medicine applications and programmes with professional accreditation such as Physiotherapy, Occupational Therapy and Nursing.

Students on the programme have regular mentoring by the Sixth Form team and access to a variety of additional programmes.

We have a wide variety of opportunities available.

### SOCIAL MOBILITY FOUNDATION

The Social Mobility Foundation (SMF) is a charity which aims to make a practical improvement in social mobility for young people from low-income backgrounds. The programme provides opportunities and networks of support for 16 – 17 year olds including internships, residential programmes and one-to-one mentoring from Year 12 through to graduation from university.

Students who meet the entry requirements can apply to take part in one of eleven career sectors (Accountancy, Architecture, Banking and Finance, Biology and Chemistry, Business, Engineering & Physics, Law, Media & Communications, Medicine, Politics, and Technology) through the Social Mobility Foundation's Aspiring Professionals Programme.



The Pathways Programme is an initiative coordinated by the Colleges of the University of Oxford, with support from the Sutton Trust. The programme aims to provide information, advice and guidance on higher education and Oxford to academically able students, and staff members, in non-selective state schools with little history of student progression to Oxford.



University of Birmingham Routes to the Professions Programme (Dentistry, Engineering, Finance, Law and Medicine)

The programme offers students a unique opportunity to get a real insight into studying medicine, dentistry, law or finance related courses at the University of Birmingham as well as receiving tailored advice, guidance and support at key points throughout their university application process.

Students join the programme in year 12 and receive a range of support through to year 13 including: careers advice, support with UCAS personal statements, interview preparation, work placement opportunities, mentoring by current undergraduate students, and the opportunity to shadow current students during lectures.



The Nuffield Foundation is a charitable trust established in 1943. Nuffield Research Placements provide over 1,000 students each year with the opportunity to work alongside professional scientists, technologists, engineers and mathematicians on a 4 week research placement during the summer at the end of Year 12.

“Students in the first year of a post-16 science, technology, engineering and maths (STEM) course are eligible to apply. Placements are available across the UK, in universities, commercial companies, voluntary organisations and research institutions.

We particularly encourage students who don't have a family history of going to university or who attend schools in less well-off areas. We make sure no-one is excluded on a financial basis by covering



The Access to Birmingham (A2B) scheme is designed to help students from families and communities in the West Midlands who have little or no experience of Higher Education to find out about what studying at university involves.

Students who meet the eligibility criteria receive a lower alternative offers to courses at the University of Birmingham on the condition of the successful completion of the A2B module. The A2B offer is typically a reduction of up to two A level grades (eg BBB rather than AAB) or 40 UCAS tariff points. If you pass the A2B module and get the grades needed for your A2B offer or above you will receive a bursary of £1,200 in your first year of study.



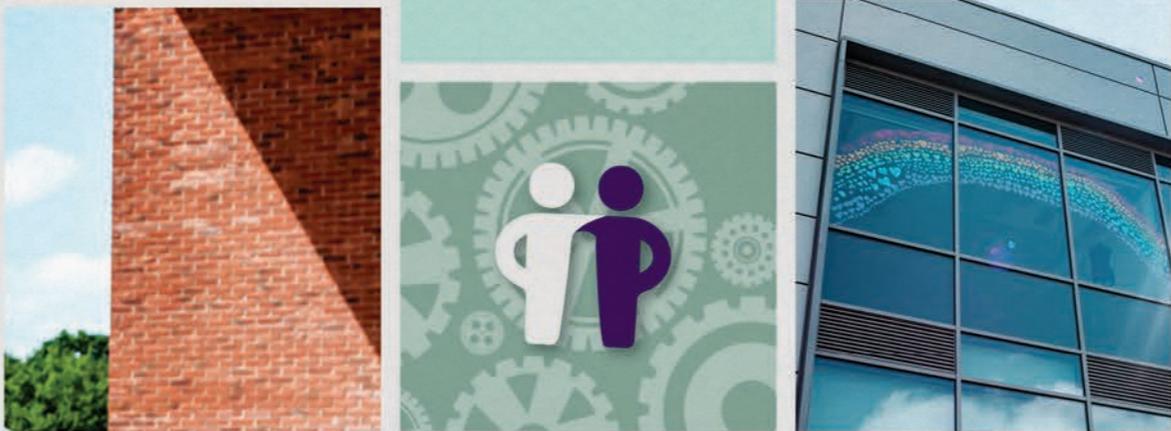
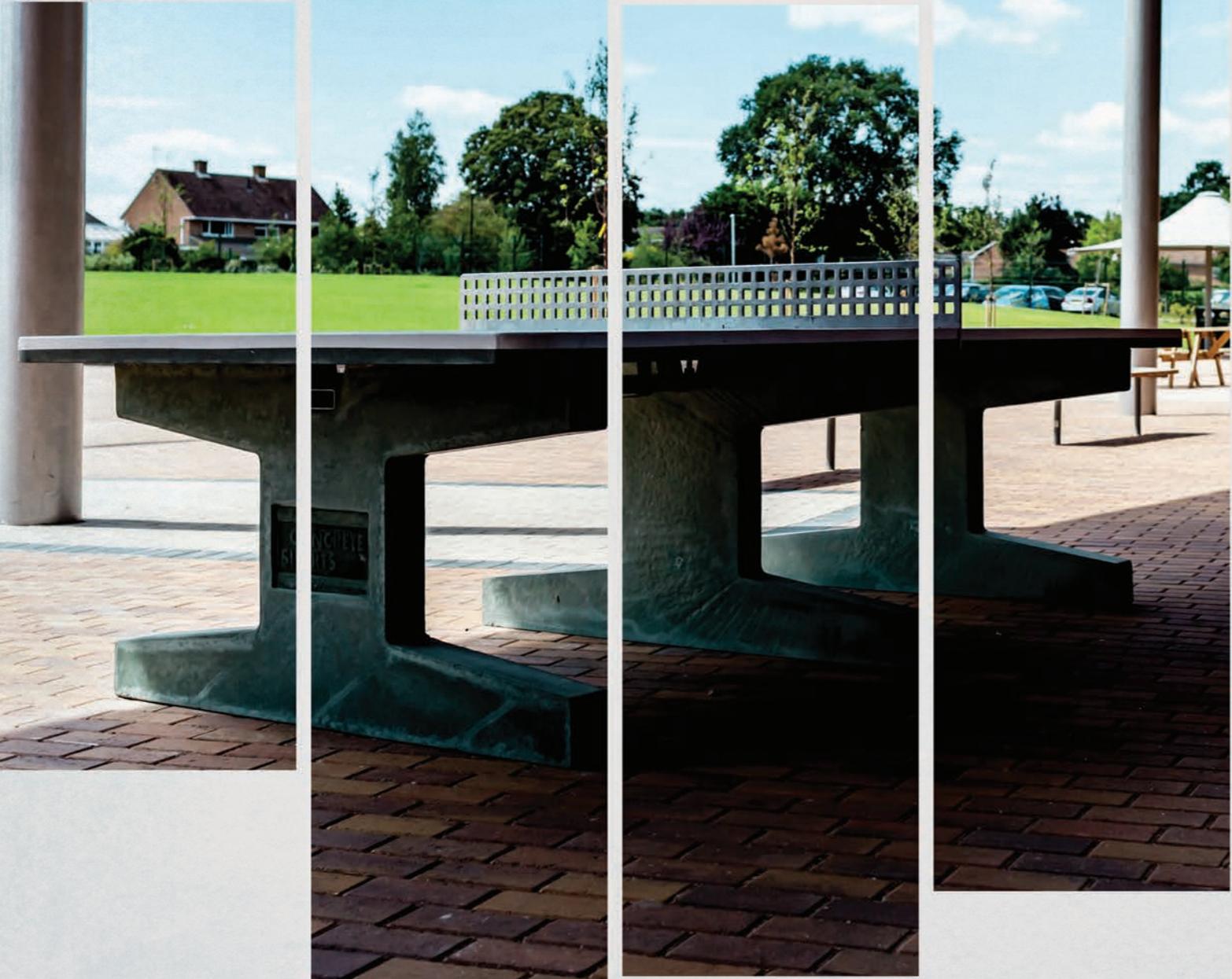
Coventry University offer a wide variety of Post-16 Talks relating to Higher Education including Why HE? Researching Universities, the UCAS Process, Student Finance and Budgeting, Personal Statements, Student Life, The CU-Model: Life-shaped Learning and 1 – 1 Personal



“ We feel that it is important that our students have opportunities that will enable them to have a well-rounded experience of Sixth Form life. ”



**COLLABORATION**  
The belief that working and learning with others will lead to greater success



## ENRICHMENT AT RFSS

At RFSS we believe that learning should extend beyond the classroom.

We feel that it is important that our students have opportunities that will enable them to have a well-rounded experience of Sixth Form life and to develop their character through practical experience.

Employers and universities are not only interested in high grades. They are looking for people who are willing to embrace new challenges, work well with others and have leadership skills.

All Year 12 students choose at least one enrichment activity alongside their subjects, some of which carry additional qualifications. Other experiences allow students to develop characteristics which will enhance their employability skills.

Students' commitment to the enrichment programme and their achievements will be referred to an employer and/or university reference, and provide useful evidence in personal statements/applications.

### OPPORTUNITIES INCLUDE:

- Becoming a member of the Sixth Form Student Council
- Becoming a Sixth Form Prefect
- Community Contribution Scheme
- Coaching course opportunities in various sports
- Duke of Edinburgh Award (opportunity to do the gold award in 6th form)
- Extended Project
- First Aid training
- In class support for younger students
- NCS: The Challenge
- PiXL Edge Programme (Graduate and Masters Level)
- Reading volunteers programme
- Social Action Campaigns
- Sports Coaching
- Sixth form Specific sports club nights
- STEM projects including the Engineering in Education Scheme
- Student Mentoring
- University Masterclasses
- Volunteering (including at Rugby Free Primary School)
- Work Experience
- World challenge trip (or similar)
- Writing for the School magazine



## CHOOSING YOUR PROGRAMME OF STUDY

We offer a variety of subjects and qualifications at Level 3 including A-Levels and BTECs and Technical Qualifications.

Nearly all universities including competitive universities from the Russell Group accept Level 3 BTECs in relevant subject areas, as they are regarded similar to how they would with equivalent A-Level qualifications.

### FUTURE CHOICES AND CAREER ASPIRATIONS

You need to consider what you would like to do in the future and ensure you have the qualifications needed for your chosen path. The University degree choices table will provide some guidance.

### ENJOYMENT

Choosing a subject that you like, will mean you will be more motivated to succeed and work hard to achieve your goals.

### STRENGTHS

Your choices should be realistic and suit your particular strengths. The individual course outline will provide you with information about the skills needed for the chosen course. Some subjects require a larger amount of extended writing. Others focus more on problem solving or practical work. It is also vital that you consider how subjects are assessed and whether the methods match your individual strengths.

### INDEPENDENT LEARNING

To succeed in your chosen subject, both independent learning and self-discipline are vital. It is recommended that you spend a minimum of 5 hours a week on independent study outside of lessons for each subject you study. This includes revisiting class work and preparing for your next lesson. Subjects with a large amount of coursework or portfolios will require additional preparation, independent study and organisation to meet deadlines. Using your private study periods effectively is critical to your success as a Sixth Form student.

### ENTRY REQUIREMENTS

You should spend time researching the general and specific entry requirements for our courses. All students are required to have at least a Grade 4 in English and Mathematics at GCSE. Re-sit opportunities in Year 12 may be available providing this is not a requirement for your chosen course. During your Sixth Form interview a number of these issues will be discussed and any additional support or guidance needed will be provided.

## POINTS TO CONSIDER WHEN CONSIDERING WHICH SUBJECTS ARE FOR YOU

1

### KNOW WHAT YOU WANT TO STUDY?

Check out the entry requirements. If you have a university course which you are keen on, have you checked the relevant university website or UCAS course search to find out whether this course requires certain subjects at A-level?

2

### NOT SURE YET ABOUT YOUR LONG-TERM PLANS?

Keep your options open! If you are not sure about which course you want to study at university, have you tried to choose at least two facilitating subjects\* which includes Mathematics, English Literature, Physics, Biology, Chemistry, Geography, History, Languages)? \*This is especially relevant for students hoping to study at one of the Russell Group universities

3

### GCSES AND OTHER STANDARD LEVEL QUALIFICATIONS MATTER

Make sure you understand the GCSE or standard level requirements for entry to a competitive university. Are you on track to achieve the GCSE grades to progress onto the course/s that you want to do at A-level and the university course that you may choose to do?

4

### THINK BALANCE

Do you have a balance of subject choices that reflect your abilities, strengths and interests?

5

### MAKE SURE YOU KNOW WHY

If you want to take a subject that you have not studied before, can you talk for a minute on what this subject is about? Try and unpick why you wish to study this subject. It's not enough to say 'It's interesting', 'I think I'll like it' or 'It will be fun'. Make sure you find out about the course, the way it will be assessed and what it can do for you is critical before making your decisions.

## THE APPLICATION PROCESS



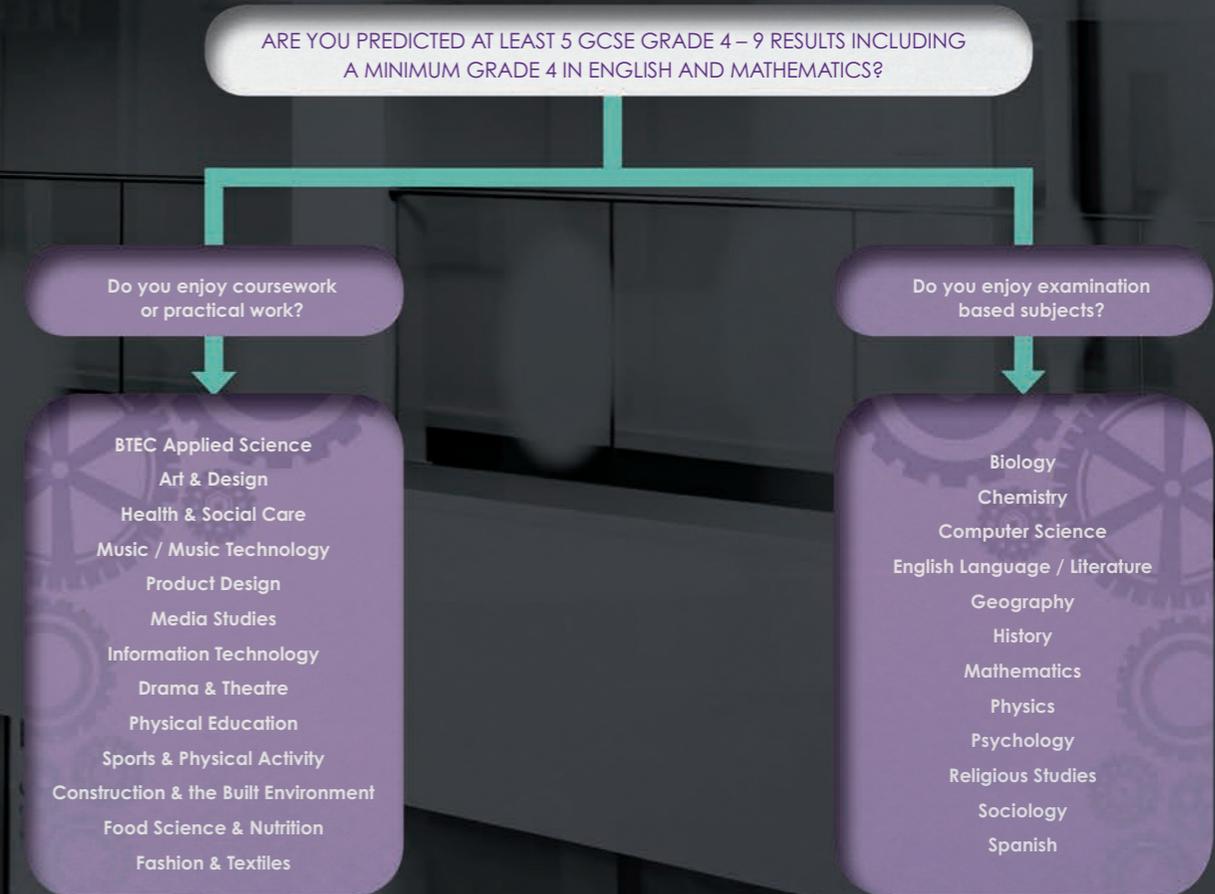
All courses are offered subject to there being sufficient numbers of applications for financial and educational viability and this cannot be confirmed prior to enrolment in August/September.

## SUMMARY OF COURSES ON OFFER

### LEVEL 3 (POST GCSE)

Courses are aimed at students who have achieved a minimum of 5 GCSE 4 – 9 grades including a minimum Grade 4 in both English and Mathematics.

See subject specific entry requirements and course information for more detail.



## UNIVERSITY DEGREE CHOICES AND SUGGESTED SUBJECT OPTIONS

ARCHAEOLOGY	Generally no specific requirements although some prefer Chemistry
ARCHITECTURE & BUILDING	Mathematics and Physics may be required
ART & DESIGN	Art or Product Design depending on area. Portfolios of work may be required
AUDIOLOGY	At least one science subject, either Biology, Chemistry, Physics or Mathematics
BIOSCIENCES	Two sciences, Chemistry and Biology; BTEC Extended Diploma in Applied Science
BUSINESS & MANAGEMENT	Can have Mathematics requirement at GCSE or A-level
CHEMISTRY	Chemistry and another science: BTEC Extended Diploma in Applied Science
CHEMICAL ENGINEERING	Chemistry and Mathematics
COMPUTER SCIENCES & IT	Mathematics, Computing
DENTISTRY	Chemistry and usually Biology as a second science
DRAMA	One from English Literature, Drama
ECONOMICS	Economics, Mathematics preferred/required at some universities
ENGLISH	English Literature
ENGINEERING	Mathematics and Physics
GEOGRAPHY & ENVIRONMENTAL	Geography; one or more science subjects required for some courses
HISTORY	History (often but not always required)
LAW	No specific requirements, although English, History, Classics, Mathematics or a Modern Language is useful
MATHEMATICS	Mathematics
MECHANICAL ENGINEERING	Mathematics with Mechanics (if no Mechanics – Physics + Chemistry, D & T or Further Mathematics)
MEDIA STUDIES	English/Film Studies can be useful. Relevant work experience often considered
MEDICINE	Chemistry plus one of Biology, Physics, Mathematics; Biology often required to at least AS
MODERN LANGUAGES	Target language almost always required
MUSIC & MUSIC TECHNOLOGY	Music required, audition often required with practical Music grades
NURSING	A science subject (Biology preferred, but Psychology is often accepted). CACHE Extended Diploma in Health and Social Care, BTEC Extended Diploma in Applied Science.
PHARMACOLOGY & PHARMACY	Chemistry plus another Science and Mathematics; BTEC National Extended Certificate/Extended Diploma in Applied Science
PHYSICS	Physics, Mathematics, sometimes Further Mathematics
PHYSIOTHERAPY	Biology or other science subject or Physical Education
PSYCHOLOGY	Traditional Science subject or Mathematics often required. Often a GCSE Mathematics requirement
RADIOGRAPHY	At least one science subject at A-level, either Biology, Chemistry, Physics or Mathematics or an Extended Diploma in BTEC Applied Science
SPORTS SCIENCE	BTEC Extended Certificate in Sport; Science subjects and Physical Education can be useful
SPORTS THERAPY	BTEC Extended Certificate in Sport; A-level Biology or PE
VETERINARY SCIENCE	Chemistry, plus one of Biology (preferred), or Physics or Mathematics

## ENTRY REQUIREMENTS FOR COMPETITIVE COURSES

**MEDICINE** **Grades:** Students are required to have 3 A-levels including Chemistry and Biology (and be predicted AAA minimum). Students are expected to have achieved at least grade B/high grade 5 in GCSE in English & Mathematics and grade A/grade 7 in Science GCSEs.  
**Admissions Testing:** Depending on which Medical School students apply to they will be expected to have taken the UKCAT ([www.ukcat.ac.uk](http://www.ukcat.ac.uk)) or BMAT ([www.admissionstesting-service.org/for-test-takers/bmat](http://www.admissionstesting-service.org/for-test-takers/bmat)).  
**Personal Statement:** Use the advice given in school and medical school websites. Students need to reflect on some medical insights and experiences – refer to an Open Day, Medical Conference or Lecture attended, read literature, books or websites, engage with current issues, medical breakthroughs or ethics, observe a doctor/GP.  
**Work Experience:** examples – a commitment to caring professions is key – voluntary work in a hospital or care home, with St. John Ambulance, Red Cross or similar organisation. A minimum of 2 weeks is required.

**MIDWIFERY** **Grades:** At GCSE, students are required to have 5 passes at grade C/grade 4 or above including, English, Mathematics and one of Biology, Chemistry or Physics or Science Double Award. A typical offer at A-level is ABB in Psychology or Sociology or Biology or CACHE/ BTEC Health & Social Care (Distinction/Distinction/Distinction for BTEC).  
**Personal Statement:** Students need to demonstrate understanding of the profession, relevant skills, relevant work experience and wider reading of recent news related to Midwifery, Nursing and Healthcare.  
**Work Experience:** This needs to be a placement which shows skills in communication, working with people or giving advice and support. More than one week is required and different care related experiences will help show all your skills. Students will be expected to do a literacy and numeracy test as part of the application.

**PHARMACY** **Grades:** At GCSE, students require 5 grade 4 – 9/A\*–C qualifications including a grade 5 in Mathematics and 4 other passes at minimum grade 4/C. A-level requirements include at least grade B in Chemistry and one further science from Biology, Mathematics or Physics.  
**Personal Statement:** Students need to demonstrate excellent communication skills, a commitment to the profession through work experience and skills gained as well as evidence of reading current research.  
**Work Experience:** As many weeks as possible in a range of different pharmacies, a hospital, as a Health Care Assistant or a Nuffield Research Placement.

**NURSING** **Grades:** At GCSE students require 5 Grade 4 – 9/A\*–C results including a Grade 4 in both English & Mathematics. At A-level grades required are BBB with at least one of the qualifications being in Biology, Psychology, Chemistry or Physics, a grade B in CACHE Extended Diploma in Health & Social Care, whilst BTEC Extended Diploma in Applied Science would require at least Distinction/Distinction/Merit results.  
**Personal Statement:** Students need to explain why they have chosen nursing and why a particular field of nursing, e.g. adult, child, learning disability or mental health. Experience and explanation of the skills gained in a healthcare environment or even in a non-healthcare environment (e.g. working in a café) where there are time pressures and prioritising involved are important.  
**Work Experience:** some suggestions are in hospitals, a Nuffield Research Placement, a voluntary position as a Health Care Assistant or volunteering in a school or nursery.

**A range of relevant work experiences is crucial when applying for these competitive courses!**

For all of the courses on these pages look to complete online University Courses (MOOCS) – these are available through

**[www.futurelearn.com](http://www.futurelearn.com)**



## ACHIEVING A COMMON GOAL

Students get the best out of their time in our Sixth Form through our established three-way partnership between staff, parents/carers and the students themselves.

### PARENTS AND CARERS RECEIVE GUIDANCE:

- In supporting their child through Sixth Form study
- In the university application process
- On student finance

There will be an opportunity to check on the progress of students through our Induction evenings and subject parents' evenings. Parents and carers can also make an appointment with the Head of RFSS, the Head of Sixth Form, Heads of Year 12/13 at any time to discuss any concerns.

### SIXTH FORM DRESS CODE

The dress code for all Sixth Form students is smart business wear:

As role models for the school all students are expected to dress professionally and promote high standards of personal appearance.

**Male Students:** A suit (or smart trousers and blazer jacket), shirt and tie with smart shoes.

**Female Students:** A dress, skirt, full length trousers or cropped trouser suit with smart shoes. You do not need to wear a shirt with your suit, but your top should be smart, conservative and suitable for a professional workplace. Your skirts should be at least knee length.

**All Students:** Your suit jacket/blazer should be worn at all times around the school site.

**Shoes:** Shoes should be sensible, smart and clean. No pumps or trainers. No lace up boots. No stiletto heels.

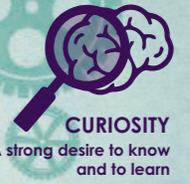
**Sportswear:** Only to be worn by those students studying sport on days when there are practical lessons.

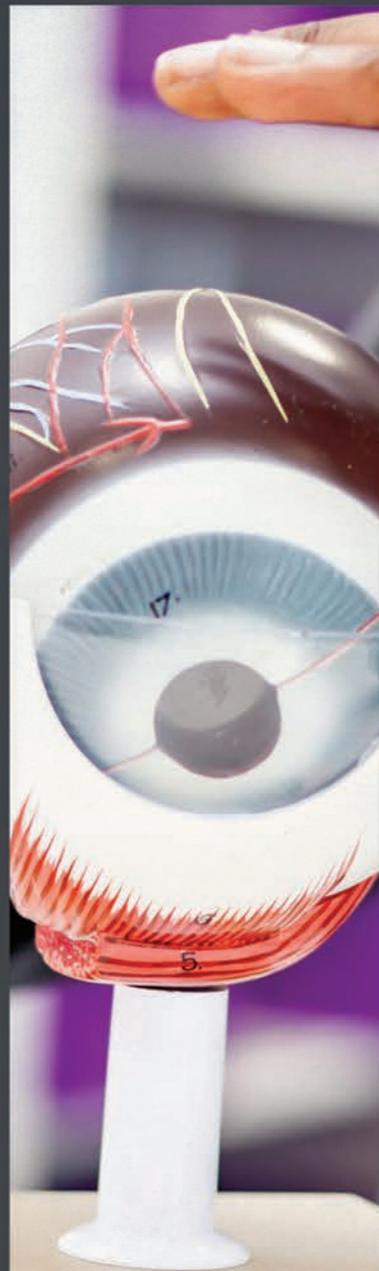
Students are also provided with a photo ID badge which should be visibly worn at all times when on school site in support of safeguarding arrangements.

We look forward to working closely with parents/carers to ensure that all students flourish and realise their full potential.



“ Choosing a subject that you like will mean you will be more motivated to succeed and work hard to achieve your goals. ”





## BTEC LEVEL 3 APPLIED SCIENCE

Duration: 2 YEARS  
Exam Board: EDEXCEL

This course is ideal if you want to study Science as part of your KS5 choices. There are plenty of practical activities to help develop your understanding of scientific techniques. You will learn to carry out practical laboratory tasks, plan investigations, collect, analyse and present data as well as review and refine the methodology of practical and laboratory-based work. You will also study aspects of Biology, Chemistry and Physics as well as work on your English, Mathematics and IT skills. Training in Science, Technology, Engineering and Mathematics (STEM) is vital in the UK and global economy today and the skills and knowledge you will learn on this course could really get you ahead in the job market. The extended certificate in Applied Science is intended for students who want to continue their education through applied learning and who aim to progress to higher education and ultimately to employment in the Applied Science sector.

**Sixth Form Entry Requirements**  
5 GCSE Grades 5-9 including a Grade 5 in both Mathematics and English Language. Students are required to have achieved grade 65 in GCSE combined science, or to have grades 6/6/5 if you studied the triple route at GCSE.

## AS/A-LEVEL CHEMISTRY

Duration: AS-LEVEL 1 YEAR / A-LEVEL 2 YEARS  
Exam Board: AQA

A-level Chemistry can lead you on to a wide range of careers including the in the cosmetics industry, Medicine, Pharmacy, Engineering, Accountancy and Forensics. The course is split into Organic (study of molecules), Inorganic (behaviour of inorganic compounds) and Physical Chemistry. Fancy learning a new language? It is called the IUPAC naming of compounds; names which can get very long indeed! Students on this course will develop a real sense of understanding of scientific techniques through the rigorous practicals, including titrations and preparation of organic molecules. Students will become better equipped at answering some of the biggest questions facing our society today.

**Sixth Form Entry Requirements**  
5 GCSE Grades 5-9 including a Grade 5 in both Mathematics and English Language. Students are required to achieve a level 6's in both of their combined science examinations. Students studying separate sciences are required to achieve a level 6 in GCSE Chemistry and complete the Summer Project 'Headstart' and pass the Headstart test in September.

## AS/A-LEVEL BIOLOGY

Duration: AS-LEVEL 1 YEAR / A-LEVEL 2 YEARS  
Exam Board: AQA

Biology involves the study of a wide range of exciting topics, ranging from molecular biology to the study of ecosystems and microorganisms. Biology is never far from the headlines, whether it's advancements in sequencing the human genome which means finding treatments for many life limiting diseases is closer than ever before, the effects our growing population has on the Earth and the need to manage the conflict between human needs and conservation, as well as our developing understanding of how stem cells become specialised. Biologists are concerned with all these issues and many more. They work in the fields of cell biology, medicine, food production and ecology and the work they do is vital to us all.

**Sixth Form Entry Requirements**  
5 GCSE Grades 5-9 including a Grade 5 in both Mathematics and English Language. Students are required to achieve a level 6's in both of their combined science examinations. Students studying separate sciences are required to achieve a level 6 in GCSE Biology and complete the Summer Project 'Headstart' and pass the Headstart test in September.

## AS/A-LEVEL PHYSICS

Duration: AS-LEVEL 1 YEAR / A-LEVEL 2 YEARS  
Exam Board: AQA

A-level Physics will allow you to appreciate how fundamental science works and to study optional topics including Astrophysics, Medical physics or Applied physics. A-level Physics builds on the concepts and skills developed in the Physics studied at GCSE. Particle physics introduces you to the fundamental properties and nature of matter, radiation and quantum phenomena. The principles and applications of mechanics, materials and waves are also studied. This course provides a foundation for studying a variety of subjects at university including: Engineering, Optometry, Radiography, Medicine and Physics. Physics is also useful for those who want careers in Engineering, Electronics, Meteorology, Astronomy, Space Exploration and Nanotechnology industries. Some of you may even choose to become teachers of Physics!

**Sixth Form Entry Requirements**  
5 GCSE Grades 5 – 9 including a Grade 5 in both Mathematics and English Language. Students are required to achieve a level 6's in both of their combined science examinations.. Students studying separate sciences are required to achieve a level 6 in GCSE Physics and complete the Summer Project 'Headstart' and pass the Headstart test in September.

## AS/A-LEVEL ART & DESIGN

Duration: AS-LEVEL 1 YEAR / A-LEVEL 2 YEARS

Exam Board: AQA

The Art and Design course will lead to a better understanding of the visual world and provide opportunities for students to develop their own visual language. The introduction to the programme begins with observation of nature: recording, analysis and creation of a visual response to the surroundings. Art makes students look at things anew – even mundane ordinary aspects of the world. There is something magical about smearing pencil and paint across a piece of paper and sculpting form with your hands. Communicating with colour, shape and form awakens the imagination. Art students often arrive at exam season with a significant portion (if not all) of their Art marks accumulated and accounted for. For many students – especially those with a heavy exam load in other subjects or those who struggle with exam anxiety – this advantage is significant.

Sixth Form Entry Requirements: 5 GCSE Grades 5 – 9 including a Grade 5 in both Mathematics and English Language. Ideally grade 5 in GCSE Art and Design and/or GCSE Design and Technology.

## AS/A-LEVEL FASHION & TEXTILES

Duration: AS-LEVEL 1 YEAR / A-LEVEL 2 YEARS

Exam Board: AQA

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. This course will enable students to work with natural and synthetic fabrics, as well as smart and modern materials. The specification content also has links to subjects such as Computer Science, Business Studies, Art and Design and history.

Sixth Form Entry Requirements: 5 GCSE Grades 5 – 9 including a Grade 5 in both Mathematics and English Language. Ideally grade 5 in GCSE Art and Design and/or GCSE Design and Technology. Grade 5 in Science.

## AS/A-LEVEL PRODUCT DESIGN

Duration: AS-LEVEL 1 YEAR /  
A-LEVEL 2 YEARS

Exam Board: AQA

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. This course will enable students to work with and specialise in different metals, woods, polymers and paper and board. The specification content also has links to subjects such as Computer Science, Business Studies, Art and Design and history.

Sixth Form Entry Requirements: 5 GCSE Grades 5 – 9 including a Grade 5 in both Mathematics and English Language. Ideally grade 5 in GCSE Art and Design and/or GCSE Design and Technology. Grade 5 in Science.

## BTEC LEVEL 3 CONSTRUCTION & THE BUILT ENVIRONMENT

Duration: 2 YEARS

Exam Board: Pearson

The qualification provides the essential knowledge, understanding and skills that will allow students to progress directly to employment or an Apprenticeship in the construction sector. There are five mandatory units, which cover the following aspects of construction:

- construction principles ■ construction design
- health and safety in construction ■ construction technology
- surveying in construction

Sixth Form Entry Requirements: GCSE Grades 5-9 including a Grade 5 in both Mathematics and English Language. Ideally grade 5 in GCSE Art and Design and/or GCSE Design and Technology. Grade 5 in Science.

## BTEC LEVEL 3 FOOD SCIENCE & NUTRITION

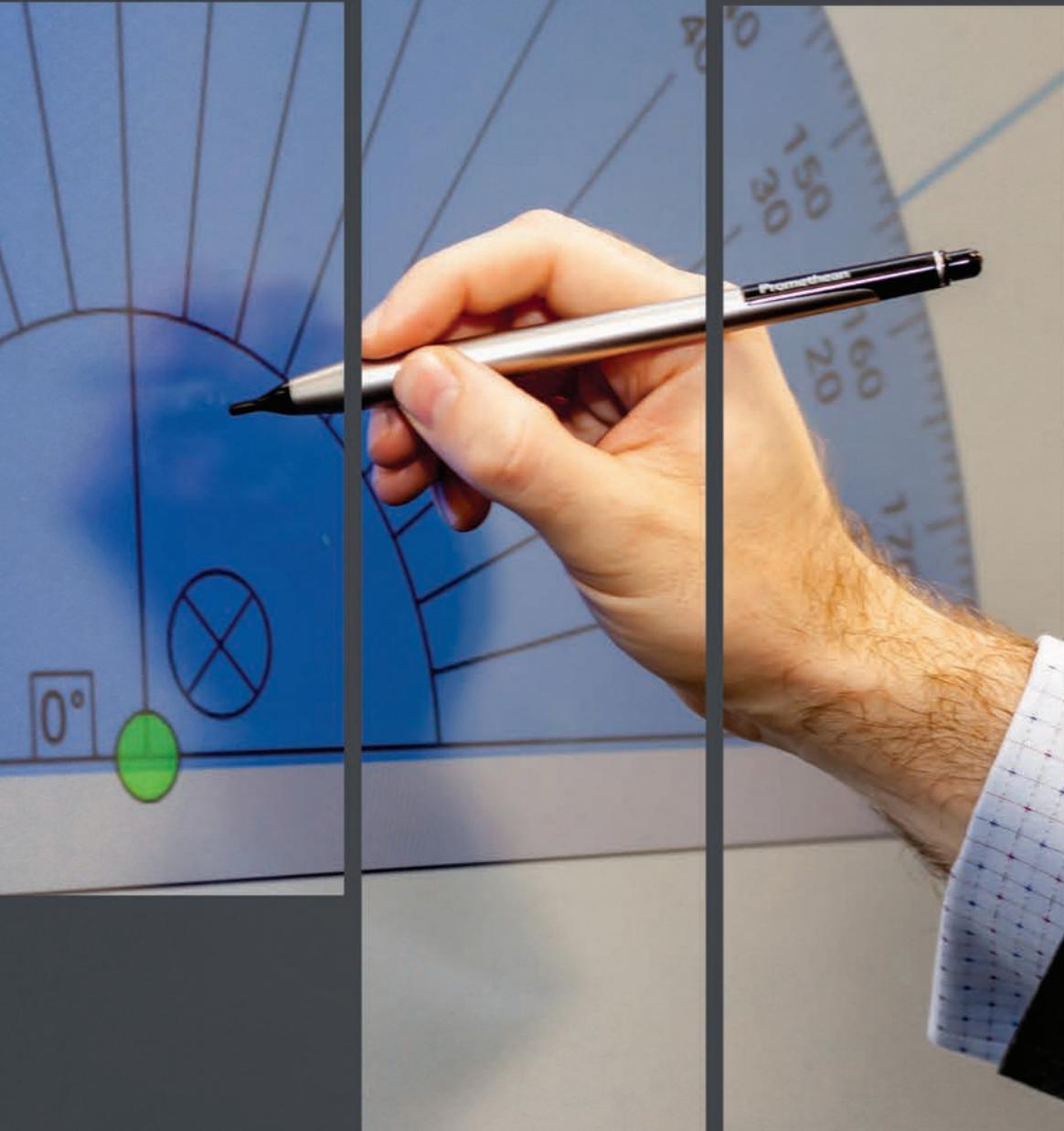
Duration: 2 YEARS

Exam Board: WJEC

An understanding of food science and nutrition is relevant to many industries and job roles. Care providers and nutritionists in hospitals use this knowledge, as do sports coaches and fitness instructors. Hotels and restaurants, food manufacturers and government agencies also use this understanding to develop menus, food products and policies that support healthy eating initiatives. Many employment opportunities within the field of food science and nutrition are available to graduates. This is an Applied General qualification. This means it is designed primarily to support learners progressing to university. It has been designed to offer exciting, interesting experiences that focus learning for 16 – 19 year old learners through applied learning, i.e. through the acquisition of knowledge and understanding in purposeful, work-related contexts, linked to the food production industry.

Sixth Form Entry Requirements: 5 GCSE Grades 5 – 9 including a Grade 5 in both Mathematics and English Language. Ideally a grade 5 in Science and Food and Nutrition.





## AS/A-LEVEL COMPUTER SCIENCE

Duration: AS-LEVEL 1 YEAR / A-LEVEL 2 YEARS  
Exam Board: AQA

This course is designed for you if you are interested in an introduction into 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.

Students will:

- Develop a common core of IT knowledge and study areas such as the relationship between hardware and software that form an IT system, managing and processing data to support business and using IT to communicate and share information.
- Develop personal skills in the areas of leadership, team working, communication and problem solving. They will also develop their skills in the areas of systems analysis, interface design, software development and problem management.

Sixth Form Entry Requirements

5 GCSE Grades 5 – 9 including a Grade 5 in English Language. Minimum grade 6 in Computer Science. If you have not studied GCSE Computer Science, you must have Grade 7 Maths minimum.

## AS/A-LEVEL MATHEMATICS

Duration: AS-LEVEL 1 YEAR / A-LEVEL 2 YEARS  
Exam Board: EDEXCEL

A qualification in Mathematics holds great prestige and is sought after by many employers, as it develops skills in logic, communication and problem solving. The new A-levels are examined after 2 years over 3 two hour papers which cover Pure/Core Maths and Applied Mathematics (Mechanics/Statistics) in a 2:1 ratio. We use the Oxford A-level Mathematics textbook to cover the content as well as the MEI integral resources, both of which are specific to the Edexcel specification. Students will be assessed throughout the first year in order to provide directed support and will receive formal assessments at regular intervals for reporting.

Sixth Form Entry Requirements

5 GCSE Grades 5 – 9 including a Grade 5 in both Mathematics and English Language.

## BTEC LEVEL 3 INFORMATION TECHNOLOGY

Duration: 2 YEARS  
Exam Board: EDEXCEL

This course is designed for you if you are interested in an introduction into 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. Students will:

- Develop a common core of IT knowledge and study areas such as the relationship between hardware and software that form an IT system, managing and processing data to support business and using IT to communicate and share information.
- Develop personal skills in the areas of leadership, team working, communication and problem solving. They will also develop their skills in the areas of systems analysis, interface design, software development and problem management.

Sixth Form Entry Requirements

4 GCSEs 9 – 4 (or equivalent), including minimum grade 4 in English & Maths. Minimum of grade 4 (or equivalent) in IT, Creative iMedia or Computer Science, if studied previously.

## AS/A-LEVEL SPANISH

Duration: AS-LEVEL 1 YEAR / A-LEVEL 2 YEARS  
Exam Board: AQA

This course delves deeper into the rich diversity of the Hispanic world, enhancing the students' linguistic skills while furthering their understanding of the cultures and societies where Spanish is spoken. This course will be challenging, stimulating and immensely rewarding to those who are curious to broaden their horizons.

Sixth Form Entry Requirements

5 GCSE Grades 5 – 9 including a Grade 5 in both Mathematics and English Language. Pass GCSE Spanish.

## AS/A-LEVEL DRAMA & THEATRE

Duration: AS-LEVEL 1 YEAR / A-LEVEL 2 YEARS  
Exam Board: EDUQAS

WJEC Eduqas A level in Drama and Theatre offers a practical and challenging course of study which encourages students to develop and apply an informed, analytical framework for making, performing, interpreting and understanding drama and theatre.

Sixth Form Entry Requirements

5 GCSE Grades 5 – 9 including a Grade 5 in both Mathematics and English Language.

## A/AS LEVEL MEDIA STUDIES

Duration: 2 YEARS  
Exam Board: EDUQAS

Students study a range of media forms in terms of a theoretical framework which consists of media language, representation, media industries and audiences. (See section 2 for more detail.) The following forms are studied in depth through applying all areas of the framework:

- Advertising and marketing
- Film
- Music video
- Radio
- Video games

Sixth Form Entry Requirements

5 good GCSE's to Grade 4 and above.

## BTEC LEVEL3 MUSIC TECHNOLOGY

Duration: 2 YEARS  
Exam Board: NCFE

This qualification focusses on an applied study of Music Technology, offers breadth and depth of study, incorporating a significant core of knowledge and theoretical content, providing a number of opportunities to acquire a number of practical and technical skills.

Sixth Form Entry Requirements

NCFE Level 1: Distinction OR Level 2: Merit OR; GCSE Music: Grade 4 OR GCSE Music technology: Grade 4. Relevant music technology or recording studio experience will be taken into account.

## AS/A-LEVEL ENGLISH LITERATURE/LANGUAGE

Duration: AS-LEVEL 1 YEAR / A-LEVEL 2 YEARS  
Exam Board: EDUQAS

Studying English provides you with the opportunity to develop your reading and analytical skills and build a lifelong love of reading. You'll study a varied selection of different poetry and prose texts, exploring themes, language and structure. You'll develop your critical thinking skills by studying a variety of unseen texts. You will reflect upon the creative process and produce your own original writing, drawing inspiration from the works that you have studied. English as a subject is highly respected and valued by the top universities. It is academically rigorous and that means it's a fantastic introduction to the skills you'll need in higher education.

Sixth Form Entry Requirements

5 GCSE Grades 5 – 9 including a Grade 5 in both Mathematics and English Language.

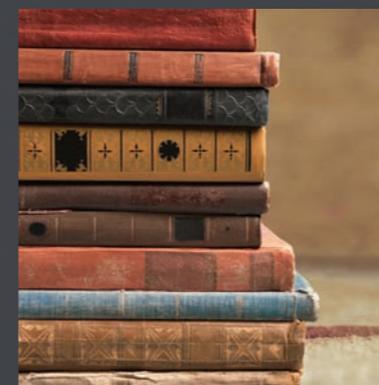
## AS/A-LEVEL MUSIC

Duration: AS-LEVEL 1 YEAR / A-LEVEL 2 YEARS  
Exam Board: EDUQAS

This dynamic qualification offers a logical progression from GCSE. Students will further enhance their knowledge and musical ability through the study, creation and performance of music from a wide range of styles and genres.

Sixth Form Entry Requirements

5 GCSE Grades 5 – 9 including a Grade 5 in both Mathematics and English Language. Grade 6 at GCSE. Candidates should be at grade 4 standard on their instrument/voice and working towards Grade 5 standard (Having Grade 4/5 is not compulsory, but candidates should be able to perform pieces at that standard)





### AS/A-LEVEL GEOGRAPHY

Duration: AS-LEVEL 1 YEAR / A-LEVEL 2 YEARS  
Exam Board: AQA

This specification offers an issues-based approach to studying geography, enabling students to explore and evaluate contemporary geographical questions and issues such as the consequences of globalisation, responses to hazards, water insecurity and climate change. It provides a balance between your own physical, human and /or environmental interests, and key geographical topics that provides you with the knowledge, understanding and skills to ready you for further study in higher education – or for employment.

Sixth Form Entry Requirements  
5 GCSE Grades 5 – 9 including a Grade 5 in both Mathematics and English Language. Students must achieve at least a grade 6 at GCSE Level in Geography.

### AS/A-LEVEL PSYCHOLOGY

Duration: AS-LEVEL 1 YEAR / A-LEVEL 2 YEARS  
Exam Board: AQA

What causes aggression? Why do some people have phobias? How does memory work? Why do some people suffer from mental illness? Why do people conform? Psychology looks at questions like these in the study of the human mind and behaviour. It is a science with cutting edge research that has real world applications to issues in everyday life, ranging from criminal justice, relationships, medical treatments to social change.

Sixth Form Entry Requirements  
5 GCSE Grades 5 – 9 including a Grade 6 in both Mathematics and English Language.

### AS/A-LEVEL SOCIOLOGY

Duration: AS-LEVEL 1 YEAR / A-LEVEL 2 YEARS  
Exam Board: AQA

Sociology enables you to focus on your personal identity, roles and responsibilities within society and to develop a lifelong interest in the social issues that affect us on a daily basis. Who holds power? Why is this? Why do inequalities exist? Is society truly fair and, are we really, as the Universal Declaration of Human Rights declares, all born free and equal?

Sixth Form Entry Requirements  
5 GCSE Grades 5 – 9 including a Grade 6 in both Mathematics and English Language.

### AS/A-LEVEL HISTORY

Duration: AS-LEVEL 1 YEAR / A-LEVEL 2 YEARS  
Exam Board: EDEXCEL

History students are not just limited to 'becoming another History teacher' (unless they want to of course!). Nor are they destined to gather dust in a museum or library (again unless they want to!). It's a universally respected subject because of the challenge it presents, but the challenge is the stimulation. A well rounded education includes an understanding of our past, which continues to inform the present and our future and the units available to study in this qualification combine to provide you with an appreciation of this. By focusing on the history of modern Britain and the USA we can address social, cultural and political themes that have an impact on our lives and the modern world we live in, especially in light of current political debates under a Conservative government where echoes of the Thatcher years still remain strong.

Sixth Form Entry Requirements  
5 GCSE Grades 5 – 9 including a Grade 5 in both Mathematics and English Language. Grade 6 in English and preferably a GCSE in History.

### AS/A-LEVEL RELIGIOUS STUDIES

Duration: AS-LEVEL 1 YEAR / A-LEVEL 2 YEARS  
Exam Board: EDEXCEL

Religious Studies is the subject for you if you enjoy debate and critical thinking. Philosophy will stretch your mind analysing different arguments regarding the existence or non-existence of God and looks at philosophical problems centred around the problem of evil and suffering and life after death. Ethics involves evaluating how we make moral decisions and will cover a number of theories before applying these to issues such as Abortion, Euthanasia, Sexual Ethics and War. The study of Islam will give you the skills necessary to apply to theology and comparative religion. It is an interesting subject that is applicable to all future studies involving reasoning and critical thinking as well as covering issues related to religion, teaching, medicine and social studies

Sixth Form Entry Requirements  
5 GCSE Grades 5 – 9 including a Grade 6 in both Religious Studies and English Language.

## BTEC LEVEL 3 HEALTH & SOCIAL CARE

Duration: 2 YEARS  
Exam Board: Pearson

Health and Social Care is a relevant current topic that is always making the headlines to the world today. You will get the opportunity to apply different strategies of effective communication to a health or social care role play. In addition, you will have an understanding of the various roles and responsibilities of the health care professional when empowering individuals in the health and social care sector. This CACHE qualification has been developed in the health and social care sector to give you the opportunity to enter employment in the health and social care sector or to move on to Higher Education and progression into a wide range of roles within the health and social care sector.

Sixth Form Entry Requirements

5 GCSE Grades 5 – 9 including a Grade 5 in both Mathematics and English Language.

## AS/A-LEVEL PHYSICAL EDUCATION

Duration: AS-LEVEL 1 YEAR / A-LEVEL 2 YEARS  
Exam Board: OCR

On this course you will look at the origins of sport and how it was spread around the world. How did sport go from mob mentalities to organised multi-billion pound industries? You will also look at the future of sport and how it can develop. Along with this you will build upon your GCSE knowledge of the body and how it works and adapts to the environment conditions around it, including physically and mentally. A good sports ability and regular competition or practice, will help you complete your assessments in your chosen sports. This course is a brilliant basis for anyone looking to go to university to study sport, teaching, Science and many other topics further at university.

Sixth Form Entry Requirements

5 GCSE Grades 5 – 9 including a Grade 5 in both Mathematics and English Language. Preferably studied before to Level 2 merit.

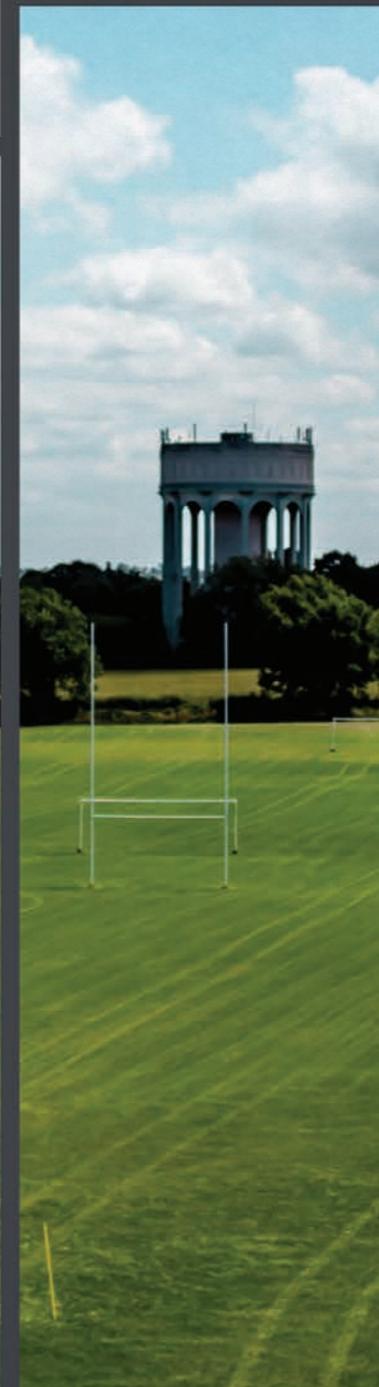
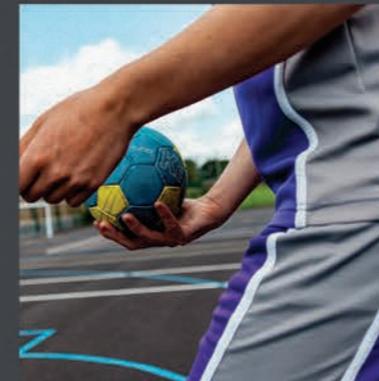
## BTEC LEVEL 3 SPORT & PHYSICAL ACTIVITY

Duration: 2 YEARS  
Exam Board: OCR

On this course you will look at a variety of different areas of the sports world. You will look into coaching and leadership, why are the like of Pep Guardiola, Jurgen Klopp, Hope Powell and Eddie Jones so successful and respected? Further to this you will look into the body and how it works, biomechanics of movement, organising sports, and many more areas such as Psychology and practical skills. This is a brilliant course to set students up for university or other types of further education.

Sixth Form Entry Requirements

5 GCSE Grades 5 – 9 including a Grade 5 in both Mathematics and English Language. Grade 6 at GCSE PE if previously studied. Will accept a high Grade 5 if playing regular sport outside of school.

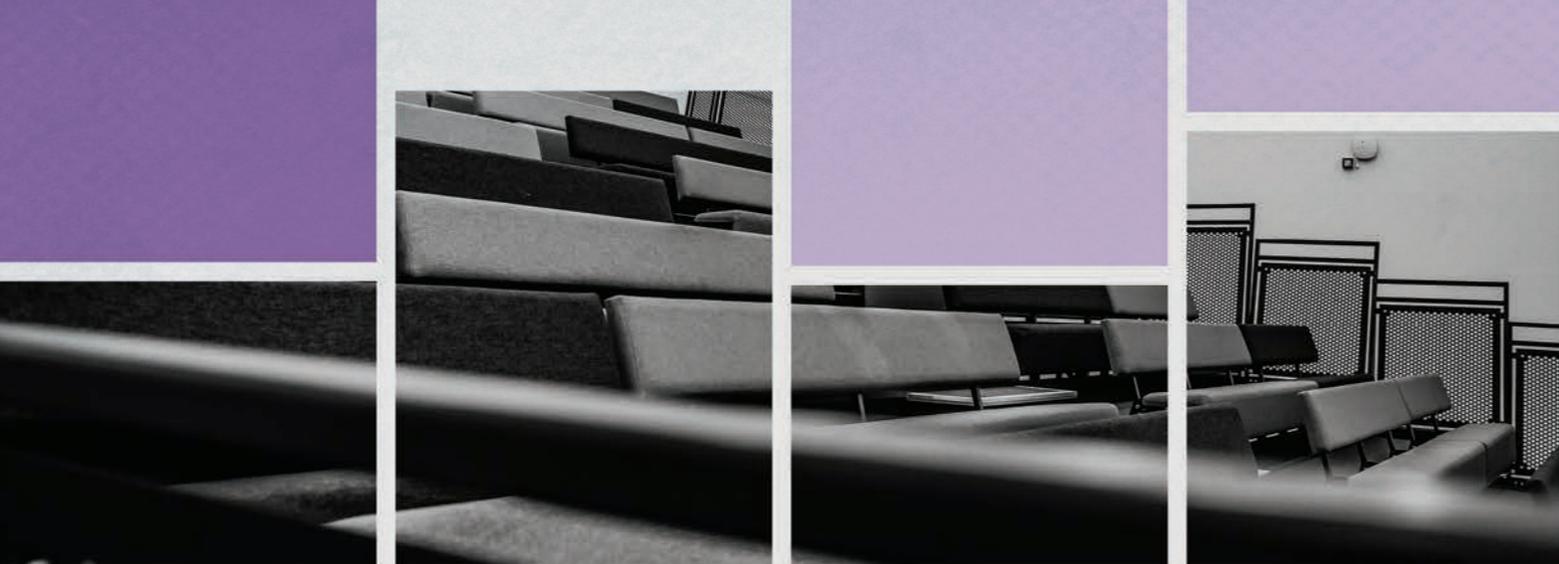




**ENDEAVOUR**  
The belief that hard work is needed to  
achieve something we can be proud of



“ We believe in every student being given the opportunity to achieve their potential...  
...and to exceed it! ”



## USEFUL INFORMATION

RUGBY FREE SECONDARY SCHOOL  
ANDERSON AVENUE  
RUGBY  
CV22 5PE

 **01788 222060**

 **info@rugbyfreesecondary.co.uk**

 **rugbyfreesecondary.co.uk**

follow us on:



Twitter  
**@RugbyFSS**



Facebook  
**facebook.com/  
RugbyFreeSecondarySchool**



Instagram  
**re\_rugbyfreesecondary**





Rugby Free

Secondary School