



Ormiston
RIVERS
Academy

6th Form Prospectus 2023

AWARDED MOST IMPROVED
SIXTH FORM FOR ACADEMIC
AND NON ACADEMIC
OUTCOMES 2020!

[OAT]
Ormiston Academies Trust

AN OAT ACADEMY

DEEPENING LEARNING,
RAISING ASPIRATION

Aspiration - Independence - Resilience - Respect





EXCEED YOUR POTENTIAL

100% OF OUR STUDENTS GAINED
A PLACE AT UNIVERSITY OR A
CAREER PATHWAY OFFER. WE
WORK HARD TO SUPPORT
YOU DAY IN, DAY OUT, SO
THAT THE WORLD IS AT
YOUR FEET.

100%



Dear Parents, Carers, Students and Visitors,

I am delighted to welcome you to Ormiston Rivers Academy Sixth Form. We offer an exciting and varied curriculum and an enrichment offer that we see as an entitlement for all students. Almost a third of our students gain places at Russell Group Universities, the best in the country with the vast majority of students achieving a place at the university of their choice.

We believe that all students should follow their own path rather than following a pathway, through innovative timetabling we ensure that students are able to take the combination of subjects of their choice, be it BTEC or A level courses; with small class sizes a priority.

Our commitment to academic success is integral to our Sixth Form. The curriculum has been specifically designed to reflect the ambitions and interests of our students. Lessons in our Sixth Form are designed to inspire and challenge students whilst also preparing them for the demands of further study and independent learning.

So whether your child has ambitions to go to university, follow a vocational career or become their own boss, we have a personalised approach that meets their needs. The expectations of our Sixth Formers are high. We want them to achieve their very best academically, socially and personally at this important stage of their lives. We therefore provide extensive support and tutoring for each and every student as well as Super-curricular opportunities and positions of leadership. The decisions to be made at Sixth Form can have an important influence on students' futures. With this in mind, we work hard to ensure every Sixth Former has access to the best support, advice and guidance possible. This is provided through our University and Careers Scheme which offers a structured programme of events, trips, workshops and taster sessions, as well as mentoring and support.

You will find a wealth of information about the school on the website, but do not hesitate to contact us if you would like any further information. I look forward to meeting you in the near future and hope to be welcoming your child next year.

A handwritten signature in black ink, appearing to read 'Joanne Williams', is written over a faint image of a laptop keyboard.

Joanne Williams
Principal

ACADEMIC EXCELLENCE RIVERS SIXTH FORM

Rivers Sixth Form celebrated a 99.99% pass rate in Summer 2022 and the Academy's headline results improved in terms of progress and performance across the board with many subjects achieving their best results ever.

- + We offer a wide range of subject and course combinations at A Level and Vocational Level 3
- + Highly qualified and experienced staff who work with students successfully at A Level and Vocational Level 3.
- + Excellent study facilities and subject resources including a Sixth Form LRC and designated study areas for year 12 and 13
- + Personalised care and support through a personal mentor and the Sixth Form pastoral team, supporting and monitoring progress while also acting as a contact point with home.
- + An exceptional super-curricular programme
- + Access to school's sport and gym facilities
- + Outstanding guidance and support for university, employment or training.

Facilities

- + Three designated study areas reserved exclusively for Sixth Form use only
- + A large group study area and a silent study room for each year group
- + A Sixth Form LRC where students can read and study in silence
- + All rooms equipped with WIFI access for students to use their own devices
- + A Sixth Form kitchen area
- + Private access to the main building and canteen

Who Can Apply to Sixth Form?

- + We operate an 'open' Sixth Form, which means that we offer courses to suit a range of interests and abilities, and each year we also welcome students from other schools.
- + You will need to reach a certain level of achievement in your GCSE's and other qualifications in order to follow certain courses.
- + The governing body reserves the right to refuse admission if these criteria are not met.

Supporting Your Next Steps:

In Rivers Sixth Form you will find students:

- + Applying for a range of University courses including Russel Group, Oxford and Cambridge or for courses in medicine and veterinary science.
- + Taking A Level or Level 3 Vocational courses and going on to degree courses at university
- + Leaving at 18 to enter employment with the A Levels, or other qualifications that they have gained during their two years of study
- + Leaving at 18 to gain Level 3 or degree level apprenticeships.

SIXTH FORM LEADERSHIP TEAM



Aaliyah Simpson

My name is Aaliyah and I'm studying Mathematics, Further Mathematics and Physics. My main area of interest is Astronomy and I hope to study Astrophysics at University next year. I've been a student at Ormiston Rivers Academy since year 7 and have loved my time here so I would recommend staying on for Sixth Form due to the supportive environment and high teaching standards.



Bailey Woodford

I've been a student at Ormiston Rivers Academy since September 2016 and have enjoyed every single moment of my secondary school life. With passionate teachers; a wide array of subjects and remarkable students around me, my academic career has been exceptional. This convinced me to carry on my studies further at Rivers Sixth Form, which has proved to be just as great. I currently study Biology, Chemistry, Mathematics and Further Mathematics, with the hopes of going to university to study Veterinary Medicine, to bring together my love for animals and passion for science.



Imogen Garrett

I'm currently studying Biology, Chemistry and English Literature with hopes to study Zoology or Wildlife Sciences at University next year. My time here so far at Rivers Sixth Form has helped guide me to achieve my best and support me through my next steps. With amazing co-curricular and extra-curricular opportunities, alongside the supportive staff team has helped build my aspiration towards my future and I have truly enjoyed my time here.



Jemma Green

My confidence has grown over the last 6 years at Ormiston Rivers Academy and I've gained valuable life skills as well as made huge progress in my academic abilities. I chose to study A Levels at Rivers Sixth Form because they offered the courses that suited me and my plans for the future, as well as providing a fantastic learning environment and wonderful teachers that I have helped me throughout this year. My first year has been challenging, but I love learning and being able to choose subjects I have an active interest in and will relate to later life. I am currently studying Biology, Chemistry and Mathematics, and I have completed my EPQ qualification earlier this year. I will be applying to University to study Biology, as well as considering Degree Apprenticeships in the Scientific field or Finance.



Ria Back

I chose Rivers Sixth Form as I was interested in Performing Arts, Music, Health and Social Care and English. I instantly felt extremely welcomed by the teachers and students. Choosing these subjects has helped guide me towards potentially becoming a Speech and Language Therapist either via University or a degree Apprenticeship. The Sixth Form team has helped me to decide what route I may want to take at the end of year 13.

My first year in Sixth Form was filled with new experiences and challenges. Everyone was friendly and welcoming which made my first year less stressful as I was moving here from another school. All of the subject teachers and Sixth Form team were extremely helpful and always willing to help where they could, as well as making every student feel part of the Sixth Form. There are many extra-curricular clubs and sessions that everyone can attend that are helpful to enable everyone to have something other than their subjects and a good opportunity to meet new people with the same interests.



Liam Stuttle

I joined Rivers Sixth Form in year 12 from another external school. I chose to study at this Academy because it offers a wide variety of subjects and courses compared to many other schools in the area. For my A levels I chose to study: Engineering, Music Technology, Physics, and Core Mathematics. I enjoy all the subjects I study, especially because the school gives me such a wide variety of choice. I also enjoy the challenges they create that help me grow in knowledge and in learning. In addition, Rivers Sixth Form has fantastic resources and learning spaces that we are given to help us with our subjects and study time. As a part of the leadership team, I want to

make sure everyone feels included in the school and experience all the opportunities the Academy has to offer as well as working together and aspiring to achieve.

HOW TO APPLY

1 COURSE CHOICE

Read the Ormiston Rivers Sixth Form Prospectus and research the subjects you are interested in. Check your forecasted grades against each subject and select a suitable pathway.



3 APPLY

Please complete our online application form. The deadline for applications is:

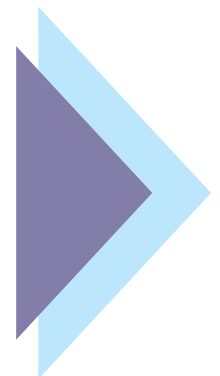
6 JANUARY 2023

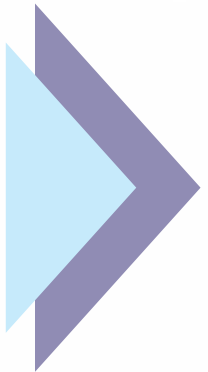
Newcomers to ORA will need to provide their most recent forecasted grades to check eligibility for the course.

2 OPEN EVENING

4 OCTOBER 2022

Please Visit our website at www.ormistonriversacademy.co.uk for further information





5 **GUIDANCE DISCUSSIONS**

Conditional offers will be sent out before Easter 2023. These are based on your Guidance Discussion and eligibility for chosen courses, and will be subject to course availability. Changes to subjects can be made during Induction.

7 **GCSE RESULTS/ ENROLEMENT DAY**

AUGUST 2023

All applicants will need to enrole and accept their offers. Further guidance will be given nearer the time.



4 **GUIDANCE DISCUSSIONS**

In February 2023, you will be invited to meet with a member of the sixth form team to discuss your application.

6 **INDUCTION DAY**

4 JULY 2023

Induction is an important opportunity to experience Sixth Form life, and get key information for making a successful transition to Sixth Form.



ENR OPPO

At Ormiston Rivers Sixth Form we strive to offer a wide ranging and enriching education to our students. Alongside a strong academic programme of study, the development of our young people as aspirational, independent, resilient and respectful individuals is of upmost importance. In today's world it is essential that students are given training and opportunities to develop their transferable skills and leadership potential, to allow them to take their next steps and transition into healthy, happy and successful adults.

In order to support this development students partake in the enrichment reward scheme. This scheme recognises students' efforts and also supports them to acquire a portfolio of evidence to support their future applications. This includes extending knowledge within a subject area of interest to show commitment towards a career pathway of choice and to expand on their academic subject studies, and a focus on developing leadership and transferable skills such as teamwork, communication and problem solving, to demonstrate skills employers and universities value.

	Bronze Award	Silver Award	Gold Award
Aspiration	Attended a Careers Master Talk or Event	Attended a Careers Master Talk or Event	Attended a Careers Master Talk or Event
	Completed 1 MOOC	Completed 1 MOOCs	Completed 2 MOOCs
Independence	Read 2 books and written critical summary of them	Read 3 books and written critical summary of them	Read 4 books and written critical summary of them
	Taken part in one other co-curricular activity – Trip, House competition, Careers opportunity etc.	Taken part in two other co-curricular activities – Trip, House competition, Careers opportunity etc.	Taken part in three other co-curricular activities – Trip, House competition, Careers opportunity etc.
Respect	Represented the school in duties or a school event or a Leadership role	Represented the school in duties or a school event and adopted one Leadership role	Represented the school in duties or a school event and adopted two Leadership roles
Resilience	Completed all of your compulsory reading for your subjects	Completed all of your compulsory reading for your subjects	Completed all of your compulsory reading for your subjects
	Attended a club/extra curricular activity for 1 term (this can be outside of school)	Attended a club/extra curricular activity for 2 terms (this can be outside of school)	Attended a club/extra curricular activity for 2 ½ terms (this can be outside of school)

LEADING OPPORTUNITIES

There are a range of leadership opportunities and extra-curricular clubs open to students each year. These include:

Leadership roles:

- + Sixth Form Leadership Team (Year 13)
- + Sixth Form Student Council
- + House Captains
- + Subject Leaders
- + Events Committee
- + Mentoring of students in lower school
- + Sixth Form Librarian (one period per week)
- + Student volunteer – work in the community

Extra-curricular clubs:

- + Sports clubs such as football, badminton, Gym etc.
- + Performing arts clubs such as dance, choir, Connections theatre group etc.
- + Cooking club
- + Community outreach committee
- + Eco club
- + Duke of Edinburgh scheme
- + Debate club
- + Interact Society – in conjunction with the Rotary club

The programme offered is flexible and if students have an explicit interest in a club or specific area the Sixth Form team will look to work with them to add it to the offering.

STUDENT SUPPORT



MENTOR TEAM

Rivers Sixth Form mentors are highly regarded for supporting students academically, whilst also ensuring that their pastoral needs are met. Our team of specialist mentors work closely with students throughout the year, with daily registration, communicating with teachers and parents, when appropriate and providing the best possible support for our students.

PASTORAL SUPPORT

In addition to our mentors, we have a Sixth Form Data and Administrations officer who works closely with the Child Protection Officer and SSA team to provide an exceptional and inclusive environment for our students. We aim to support vulnerable students with one-to-one mentor sessions, enabling them to achieve their full potential.

SPECIAL EDUCATIONAL NEEDS AND DISABILITIES (SEND)

The learning support department, led by Ms S. Havard, helps students with SEND towards the goal of independent learning. Interventions are tailored to individual needs, and may for example include one-to-one support with study skills and exam preparation, or in-class support. The department also offers specialist TA's.

For further information on exam access arrangements, please contact Ms S. Havard.

WELLBEING SUPPORT

Our vision: At our Academy and Sixth Form, we believe that a young person who feels happy and looked after will achieve and be successful in their education. Due to this understanding we aim to promote positive mental health and wellbeing for students, families and staff.

SUGGESTED WEBSITES AS SOURCES OF HELP:

www.time-to-change.org.uk
www.youngminds.org.uk
www.childline.org.uk
www.kooth.com
<https://www.nhs.uk>

We must make it clear that we are not healthcare professionals and if you feel that your wellbeing and mental health issues are significantly impacting your daily life then you must make an appointment to see your GP/doctor. They are there to help with mental and physical health. If you are in crisis or think that a friend or family member is in crisis then you must call EWMHS on 0300 300 1600.

If you are a parent/carer of a Rivers Sixth Form student and feel that your child is in need of wellbeing support in Sixth Form then please make contact with the Heads of Sixth Form via email (addresses on our website). For day to day issues then please ask for the Sixth Form Data & Admissions Officer who will be happy to help you.

WE CAN ALSO OFFER THE FOLLOWING SUPPORT:

- + Drop in access to student support during non-timetabled lessons in the Sixth Form Office
- + School counsellor appointments via Student Support
- + Open Door Policy to Mental Health First Aiders.
- + Use of the Wellbeing Space and Garden at break and lunchtime
- + Ormiston Rivers Academy Wellbeing Web page with links to external sources of support.
- + Wellbeing Learning Sessions through our Sixth Form PSHE curriculum.
- + Super-Curricular opportunities such as National Theatre Connections, Social Action Clubs and Journalism, amongst many others.
- + Opportunities to be part of the Sixth Form Leadership team
- + Opportunities to become a Wellbeing Warrior, supporting younger students

STUDENT COMMUNITY

SIXTH FORM STUDENT LEADERSHIP TEAM

The leadership team are a group of students who represent the school and student community and are a key link between students and teachers. Along with their official roles, each student also undertakes an individual project to initiate positive change across the school and in the wider community. Students work towards improving mental health provision, diversity, promoting the Sixth Form, running social events, speaking at school events, mentoring across the school and creating supportive links between the school and local community.

STUDENT COUNCIL

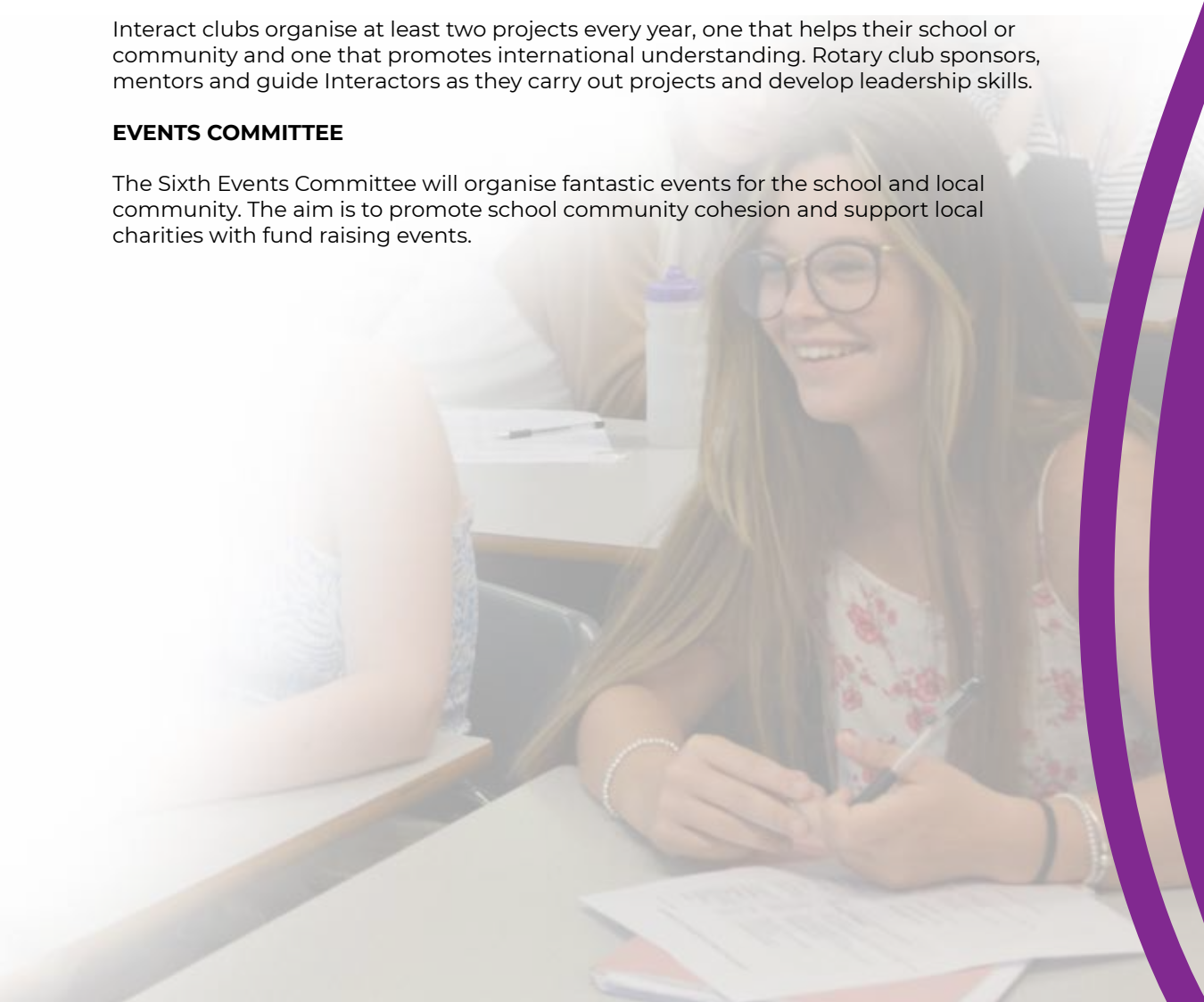
The Student Council helps Sixth Formers to engineer real change throughout the school. They attend regular student voice meetings and work with mentors to deliver messages across the Sixth Form. The Student Council will also support initiatives to help year 11 students on their journey into Sixth Form, offering advice on subject choices and general support when making the transition.

INTERACT

Interact clubs organise at least two projects every year, one that helps their school or community and one that promotes international understanding. Rotary club sponsors, mentors and guide Interactors as they carry out projects and develop leadership skills.

EVENTS COMMITTEE

The Sixth Events Committee will organise fantastic events for the school and local community. The aim is to promote school community cohesion and support local charities with fund raising events.



IF YOUR LONG TERM PLAN IS TO GO TO UNIVERSITY YOU NEED TO START THAT PROCESS IN YEAR 11 BY CHOOSING THE RIGHT COURSES FOR SIXTH FORM

NE

PROGRESSION PATHWAYS AFTER SIXTH FORM

If your long-term plan is to go to university, it is important to start planning now.

Start researching what universities are likely to ask for in terms of entry requirements.

Two useful websites are:

- + **www.thecompleteuniversityguide.co.uk**. This website offers a good comparison of different universities and which courses /degrees offer the best opportunities for employment in the future.
- + **www.ucas.co.uk**. The UCAS website allows you to search for entry requirements for particular career choices or universities.

Very popular courses, like medicine, often have extremely high entry requirements. Make sure you know what you are aiming for. Sixth Form students are given information on the UCAS process and have a number of opportunities to visit Higher Education Fairs and a range of universities. There are sessions at the Academy led by admissions officers. We also encourage students to attend university summer schools which are geared to give you a good idea of what university life will be like.

It is important that students get early information and advice about the best routes into their chosen career. This is available from Directions IAG: Rivers Sixth Form provides all students access to this service.

www.nationalcareersservice.direct.gov.uk gives alphabetical listings of different job profiles outlining work, hours, income, entry requirements, training, skills and knowledge.

Some students may find it useful to undertake work experience/ shadowing during holiday time. This will show prospective employers that you are dedicated to your field of work.

EMPLOYMENT AND APPRENTICESHIPS

As a Rivers Sixth Form student you will be invited to attend local and national career and apprenticeship fairs. We invite local business leaders into the Academy to help you with interview techniques and information on what an employer is looking for in an applicant. Mentors will also go through the application process; writing letters, completing forms and ensuring your CV is up to date and well presented.

NEXT STEPS AFTER SIXTH FORM

DESTINATIONS

2021 was another fantastic year for UCAS applications at Rivers Sixth Form. 55% of students chose to accept their university offer with 34% off to Russell Group universities including 1 Oxbridge and 2 Medicine students. We also had many students seeking apprenticeships and employment. These students receive specific and personal support both from our mentors, Sixth Form Team and our careers advice service. Some students also enjoy a gap year before applying to university or employment. We continue to support these students, as we want to help them with the next stage of their lives. Throughout Sixth Form students will learn about different career pathways to discover the best route for their career.

FINANCIAL SUPPORT

The Bursary Fund

The 16 to 19 Bursary Fund provides financial support to help students overcome the specific financial barriers to participation they face so they can remain in education.

There are 2 types of 16 to 19 bursaries:

- + **Vulnerable Bursary:** For young people in one of the defined vulnerable groups.
- + **Discretionary Bursary:** Awarded by the academy to meet individual needs i.e. help with the cost of transport, meals, books and equipment.

ELIGIBILITY CRITERIA

For students to be eligible for the bursary fund, students must meet the age and residency criteria as listed below:

- + Be aged over 16 and under 19 on 31st August 2021 or 19+ with an Education, Health and Care Plan (EHCP) or continuing on a course you started aged 16 to 18 (known as being a '19+ continuer')
- + Be enrolled on a full-time course
- + Meet the ESFA's residency criteria as set out in the ESFA Funding Guidance

WHAT MAKES OXFORD AND CAMBRIDGE SUCH SPECIAL UNIVERSITIES?

Both Oxford and Cambridge universities are made up of individual colleges, as well as different academic departments. While academic departments are responsible for core teaching and assessment, a college will be your home when studying. Colleges provide academic and pastoral support and arrange small group tuition, sometimes with a tutor or supervisor from another college.

Each college will have a diverse range of students – usually including both undergraduate and graduate students – studying across a range of subject areas.

The college system offers the benefits of belonging to a large internationally renowned university, and also to a smaller, interdisciplinary academic college community. You will have access to your college's facilities, such as an extensive library and IT provision, as well as the resources of the wider university.

You are able to specify a preferred college when you make your UCAS application. Whatever you may have heard, college choice does not matter! Each college offers the same excellent standard of teaching and has the same very high academic standards.

Both universities work hard to ensure that the best students are successful in gaining a place, whichever college they've applied to. This means that you may be interviewed by more than one college and you may receive an offer from a different college than applied to. If you would prefer not to choose a college you can make an open application. Once you have submitted your UCAS application you will be committed to your choice of college, so do your research beforehand.

DECIDING WHETHER TO APPLY TO OXFORD OR CAMBRIDGE

The universities of Oxford and Cambridge agree that the most important decision a prospective applicant has to make is the degree they wish to study, not which university they want to apply to.

So ensure you read the course details carefully for any subject you are interested in. You will be studying for several years, so it's vital to choose something that you are really passionate about. Oxford and Cambridge courses tend to be traditional academic courses, with a strong emphasis on personalised teaching through small-group tuition. Formal assessment is often 100% based on examinations.

Keep an open mind, and consider topics you've not directly studied before. Degrees like Asian and Middle Eastern Studies (Cambridge) or Classics and Oriental Studies (Oxford) will help you to develop analytical abilities and skills attractive to future employers. Only a few professions require specific degrees. Remember, a strong personal interest in the course is essential: at interview, it will soon become apparent if you are not completely committed to the subject.

CHOOSING BETWEEN OXFORD AND CAMBRIDGE

It is not possible to apply to both Oxford and Cambridge in the same year, so you'll have to choose one or the other. Both universities are world-renowned in teaching and research in both arts and science subjects, so the decision is largely an individual one, driven by your choice of degree course. Some courses are offered at one of the universities but not the other. Check each institution's undergraduate prospectus and website for details of courses on offer. It is important to be aware that courses with a similar title at the two universities may be different in content. Check the course details to see which one will suit you best.

Visits to the universities are encouraged; each university has a number of open days and events.

YOUR OXBRIDGE APPLICATION

Remember, you cannot apply to both Cambridge and Oxford in the same year. The deadline for Applications is the 15th October (in Year 13).

Admission tutors look for applicants with the greatest academic ability and potential – and those who they think will be best suited for the course and the type of teaching offered at the university.

The qualities looked for include your ability and motivation to go beyond what is required for your current studies. Evidence that you can study independently, are willing to embrace new ideas, and can explore and discuss ideas and opinions in a logical and considered way. Self-discipline is also key, as university-level study requires you to manage your time well.

In all stages of your application, demonstrate how you have met the above criteria.

KEY STAGES TO YOUR APPLICATION ARE LISTED ON OUR WEBSITE IN THE SIXTH FORM SECTION.

Conditional offers for Oxford range between A*A*A and AAA (depending on the subject) at A Level, or 38–40 in the IB, including core points. Certain grades may be required at Higher Level.

The typical A Level offer for Cambridge is A*A*A for most sciences courses and A*AA for arts courses, or 40–42 in the IB, including core points, with 776 at Higher Level. If you are taking A Levels in the new science subjects you are expected to complete and pass the practical assessment. Students wishing to study mathematics (or computer science and mathematics) at Cambridge should also take the Sixth Term Examination Paper (STEP).

So all that's left to be said is, why not go for it?

IF YOU ARE PLANNING TO MAKE A UNIVERSITY APPLICATION TO EITHER CAMBRIDGE OR OXFORD (TOGETHER KNOWN AS 'OXBRIDGE') WE ARE HERE TO SUPPORT YOU!

OXBRIDGE

RIVERS SIXTH FORM SCHOLARS PROGRAMME

The aim of the Scholars Group is to encourage those student who achieved excellent GCSE grades to stretch themselves academically and to aim high in their university and career aspirations. These students meet on a regular basis to follow a programme of activities designed to challenge and inspire academic achievement. This includes:



- + Help and advice on university choices
- + Attendance at Oxbridge seminars and other similar events
- + The opportunity to discuss and share ideas with other academic students
- + Sessions designed to build confidence in speaking and presentation in preparation for interviews
- + Guidance on completion of their UCAS application and their personal statement
- + Encouragement to participate in taster courses, summer schools and residential courses offered by some universities and other institutions
- + Outside speakers and alumni to encourage students
- + Enrichment opportunities
- + Russell Group university reading lists
- + BMAT, UKCAT, LNAT and HAT admissions tests support

The Scholars Group provides support for those students who wish to access an aspirational university. It gives them the self-confidence, skills and guidance to help them achieve their highest potential.

CHOOSING YOUR PROGRAMME OF STUDY

WHAT A-LEVELS OR LEVEL 3 VOCATIONAL SUBJECTS SHOULD YOU TAKE?

Choosing a handful of subjects to take at A-level isn't a decision you should take lightly. The A-levels you pick now can impact what you do later, namely the courses or apprenticeships you apply to (and which universities will consider you)

Making smart choices now will leave you in the best position in two years' time.

Certain A-level or Level 3 Vocational subjects may help with university course options

For some university degree courses, you'll need to have studied specific subjects at A-level (or equivalent). See our University Lowdown page. If you've already got a specific university course in mind, you can check university websites for any required A-level or Level 3 Vocational subjects.

If you are not yet sure about university plans, you can keep your options open by choosing a range of A-level and Level 3 Vocational subjects. Being broad with your choices can be helpful. Some universities discourage students from taking certain combinations of A Level Subjects, particularly when subjects are very similar like business studies and economics – something to bear in mind when you're making A-level or Level 3 Vocational choices.

A NOTE ON FACILITATING SUBJECTS

While you're looking at your options, you may hear about 'facilitating subjects'. This was a list of subjects previously published by the Russell Group; a list that was intended to help students choose the subjects that were most commonly asked for in universities' entry requirements.

You may wish to take 1 of these subjects if you are considering studying at university:

- + Biology
- + Chemistry
- + Physics
- + English Literature
- + Geography
- + History
- + Maths and further maths
- + Modern Languages
- + Classical Languages

WHAT ARE UNIVERSITY ENTRY REQUIREMENTS?

A-levels and Level 3 Vocational are a lot tougher than GCSEs

The reason you take a particular subject in Sixth Form will come down to one (or more) of these three scenarios:

- + You need it to pursue a particular career.
- + It's a subject you enjoy and are good at.
- + It's a subject you've not studied before but you think will suit you.

Either way, be prepared for a big jump in the level of difficulty when you transition from GCSE to A-level (or any other Advanced level qualification for that matter).

You'll also see differences in the way you're taught and in what is expected of you.

MAKING THE JUMP FROM GCSEs TO A LEVELS AND LEVEL 3 VOCATIONAL SUBJECTS

Certain university courses will look for specific A-levels or equivalents. This is really important if you have a particular degree in mind. You won't be able to apply to some degree courses without having taken some specific A-levels or Level 3 Vocational (and scored the right grades in them too, of course).

Below are a few examples to give you an idea of what to expect (some are no-brainers)...

- + A pharmacy degree must have: chemistry, plus at least one from biology, maths and physics
- + An English literature or language degree must have: usually English literature, maybe English literature and language or English language
- + A geology or earth sciences degree must have: at least two from maths, physics, chemistry and biology
- + An economics degree will sometimes need: maths, very rarely do you need economics
- + A Law degree will sometimes need: English or History and doesn't require Law

Tip: Check out the full entry requirement details for a handful of courses across different universities to make sure you're ticking all the boxes within your subject. If you would like any support, please contact the Sixth Form Team.

LEVEL 2 ENGLISH AND MATHEMATICS

Students will need at least one grade 4 in either English or Mathematics and a 3 in the other subject to study on our Level 3 pathways.

Students who have not gained grade 4 in English or Mathematics are required to study the appropriate course and resit their examinations.

COURSE PATHWAYS

PATHWAY 1

Five or more GCSE grades at 5-9 and aiming for a minimum of 5 in English **AND** Mathematics.

You will need to check individual subjects for grade entry criteria.

- + 3 x A Level subjects
Plus
- + Super Curricular

A small minority of students choose to study 4 A Level subjects. However, you only need 3 to get into university and any more would increase your workload and have a negative impact on your overall grades.

PATHWAY 2

Five or more GCSE grades at 5-9 and aiming for a minimum of 5 in English **AND** Mathematics.

You will need to check individual subjects for grade entry criteria.

- + 2 x A Level subjects
Plus
- + 1 x Level 3 Vocational
Plus
- + Super Curricular

PATHWAY 3

Five or more GCSE grades at 4-9 and aiming for a minimum of 4 in English **AND** Mathematics.

You will need to check individual subjects for grade entry criteria.

- + 2 x A Level subjects
Plus
- + 1 x Level 3 Vocational
Plus
- + Super Curricular

OR

- + 1 x A Level subjects
Plus
- + 2 x Level 3 Vocational
Plus
- + Super Curricular

OR

- + 3 x Level 3 Vocational
Plus
- + Super Curricular



COURSE D

Level 3 Pathway (2 Year) Courses

A Levels

Department	Subject	GCSE Grade Required	Page
English	English Literature	Grade 6 in English Literature and English Language	18
Performing Arts	Drama & Theatre Studies	Grade 5 in English, and a passion for theatre and drama	19
Humanities	Geography	Grade 6 in Geography and Grade 5 in Mathematics	20
	History	Grade 5 in English or History	21
	Psychology	Grade 5 in English and Science	22
	Sociology	Grade 5 in English	23
Languages	French	Grade 6 in French	24
Mathematics	Further Mathematics	Grade 7 in Mathematics	25
	Mathematics	Grade 7 in Mathematics	26
Science	Biology	Grade 66 in Combined Science or Grade 6 in Biology, plus a Grade 6 in English and Mathematics	27
	Chemistry	Grade 66 in Combined Science or Grade 6 in Chemistry, plus a Grade 6 in English and Mathematics	28
	Physics	Grade 66 in Combined Science or Grade 6 in Physics, plus a Grade 6 in English and Mathematics	29
Design and Technology	Art & Design	Grade 5 in Art or D&T, and Grade 4 in English	30



DIRECTORY

Level 3 Vocational Subjects

Department	Subject	GCSE Grade Required	Page
IT	IT	Grade 4 in English and Mathematics	31
	Digital Media	Grade 4 in English and Mathematics. If studied Media or Creative iMedia Grade 4 or L2 Pass	32
Expressive Arts	Dance	Grade 5 or Level 2 Merit in a Performing Arts discipline plus Grade 4 in English and Mathematics	33
	Performing Arts	Grade 5 or Level 2 Merit in a Performing Arts discipline plus Grade 4 in English and Mathematics	34
	Business of Music Practitioners	Grade 4 in English and Mathematics	35
PE	Sport	Grade 4 in GCSE PE or L2 Merit in VCert /BTEC Sport plus Grade 4 in English and Mathematics	36
Social Sciences	Child Development	Grade 4 in English, Science and Mathematics	37
	Health & Social Care	Grade 4 in English, Science and Mathematics	38
	Business	Grade 4 in English and Mathematics	39
	Finance	Grade 5 in English and Grade 4 in Mathematics	40
Technology	Engineering	Grade 4 in English and Mathematics	41
	Vehicle Technology	Grade 4 in English and Mathematics plus a Merit in Engineering	42
	Food Science & Nutrition	Grade 5 in GCSE Food or L2 Merit in Hospitality and catering, Plus a Grade 4 in English and Mathematics	43

Super Curricular Subjects

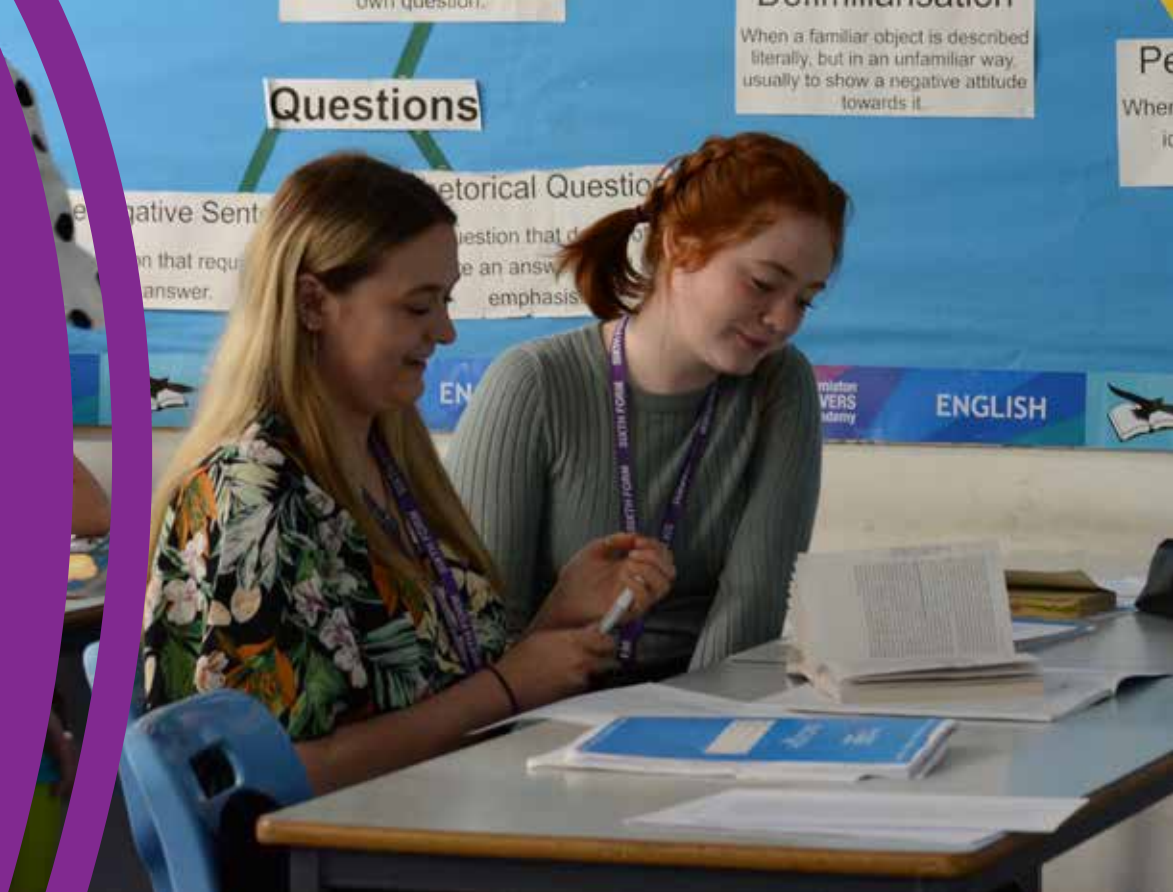
Department	Subject	GCSE Grade Required	Page
Sixth Form	Extended Project	Grade 5 in English	44
PE	Sports Leadership	Grade 4 in English and Mathematics	45
Mathematics	Core Mathematics	Grade 5 in Mathematics	46
	Further Mathematics (AS)	Grade 7 in Mathematics	47

LEVEL 3 PATHWAY

Teacher Contact:
Ms J Smith

Entry Requirements:
+ Grade 6 in English,
and English
Language

Examination Board:
AQA



A LEVEL ENGLISH LITERATURE

You will study 'Love through the Ages' including Shakespeare's 'Othello' and a selection of poetry; comparing and contrasting their themes to Fitzgerald's 'The Great Gatsby'

Additionally, you will study texts from 'Modern Times: 1945 to the present' including poetry, ('Skirrid Hill') prose and drama ('A Streetcar Named Desire' and Atwood's 'A Handmaid's Tale'), as well as two texts of your choice for Non-Exam Assessment (NEA).

As part of the course, it is expected that students read widely, in order to broaden their knowledge and understanding of literature over time. The best candidates will love their reading and regularly undertake readings of extensive texts.

In A Level English Literature, there is also a greater interest in the context of the literature, where students must explore and discuss the eras and cultures of the texts they study, so that they can fully appreciate, engage with and evaluate the work of different authors.

ASSESSMENT

80% exam (1 x 3 hour and 1 x 2 ½ hour exams);
20% NEA (one 2500 word essay on a pair of texts).

Future Pathways

Journalist, Script Writer, Solicitor, Teacher, Writer, Editor. The possibilities are endless for degree

LEVEL 3 PATHWAY

Teacher Contact:
Miss K Goodfellow

Entry Requirements:

+ Grade 5 in English,
and a passion for
theatre & Drama

Examination Board:
Eduqas



A LEVEL DRAMA & THEATRE

Drama and Theatre is an exciting and inspiring course which provides students with an understanding of how to develop and apply the practices used in twenty-first century theatre. This highly practical course encourages students to use relevant theoretical research to inform the processes involved in creating theatre, as well as develop an appreciation of how the social, cultural and historical contexts of performance texts have influenced the development of drama. During the course students will demonstrate a range of theatre making skills, experiencing the collaborative relationship between various roles within theatre. They will be provided with a range of opportunities to see and create theatre, both published text based and devised work.

Course structure

Component 1: Theatre Workshop (internally assessed, externally moderated. 20% of qualification)

Students will be assessed on either acting or design. They will reinterpret a text, chosen from a set list, to create a piece of theatre which is a combination of the selected text and original ideas. The piece must be developed using the techniques and working methods of either an influential theatre practitioner or a recognised theatre company. They will also produce a creative log detailing their process.

Component 2: Text in Action (externally assessed by a visiting examiner. 40% of qualification)

Students will be assessed on either acting or design. They will engage with a stimulus to create two pieces of theatre; one an interpretation of a text of their own choice and the other a devised piece using the techniques and working methods of either an influential theatre practitioner or a recognised theatre company. Students choosing design must give a presentation to the examiner. Students will produce a process and evaluation report of the practical work.

Component 3: Text in Performance (written examination. 40% of qualification)

Students explore two complete performance texts and one extract from a third text. They will answer two questions, based on two different texts, one written pre-1956 and one written post-1956. They will also answer questions based on a specified extract from *The Curious Incident of the Dog in the Night-Time*.

LEVEL 3 PATHWAY

Teacher Contact:
Mr R Irven

Entry Requirements:

- + Grade 6 in Geography
- + Grade 5 in Mathematics

Examination Board:
OCR



A LEVEL GEOGRAPHY

Physical Systems:

This component includes 'landscape systems' and the 'Earth's life support systems'. 24% (1 hour 30 minute exam).

Human Interactions:

Global connections and changing places, including topics such as global migration and human rights. 24% (1 hour 30 minute exam).

Geographical Debate:

Five topics of which students study two from the following: climate change, disease dilemma, the future of food, hazardous earth. 32% (2 hour 30 minute exam).

Investigative Geography:

An independent geographical investigation conducted by each student based on primary and secondary data. 20%.

Fieldwork

It is compulsory that all students undertake at least four days of fieldwork, both individual and group related. For your budgeting purposes trips cost in the region of £200-£250.

Future Pathways

Town Planner, Environmental Officer, Teacher, Charity Worker, Weather Presenter or Geologist.



LEVEL 3 PATHWAY

Teacher Contact:
Mr R Irven

Entry Requirements:
+ Grade 5 in English or
History

Examination Board:
AQA

A LEVEL HISTORY

Component 1: The Tudors 1485-1603.

40% 2.5 hour exam.

A breadth study: the study of significant historical developments over a period of around 100 years and associated interpretations. This unit explores a range of fascinating subject content such as Henry VIII's character and legacy.

Component 2: Democracy and Nazism. Germany 1918-1945.

40% 2.5 hour exam.

A depth study: the study in depth of a period of major historical change or development and associated primary evidence. This course is offered with the intention of an international trip to Berlin in either Year 12 or 13 to visit a range of museums and historical landmarks.

Component 3: Independent Study

This is worth 20% and assessed through a 3,000-3,500 word essay marked by teachers, and moderated by AQA.

This is submitted in Year 13. A personal study based on a topic of the student's choice in consultation with their teacher. This should take the form of a question in the context of approximately 100 years.

Future Pathways

Lawyer, Civil Servant, Politician, Military Officer, Journalist, Teacher, Archivist, Researcher, Economist, Local Government Officer, Lecturer.

LEVEL 3 PATHWAY

Teacher Contact:
Mr R Chapman

Entry Requirements:
+ Grade 5 in English
+ Grade 5 in a Science

Examination Board:
AQA



A LEVEL PSYCHOLOGY

Year 12

Component 1 - Introductory topics in Psycholog

+ 33.3% 2-hour exam

Gives an overview of key concepts in Psychology and covers some of its most important topics as a basis for future learning. Provides a solid introduction to the subject for those who have not studied it before. Topics covered in this section are memory, mental illness, attachment, and social influence

Component 2 - Psychology in Context

+ 33.3% 2-hour exam

Introduces the scientific approaches used in Psychology. Allows students to learn how to design and conduct their own research as well as learn the different approaches currently used in the field of Psychology.

Year 13

Component 3 - Issues and options in Psychology

+ 33.3% 2-hour exam

Issues and debates- Some of Psychology's most controversial debates are discussed and applied to modern day issues and research.

Options - Allows students to study a broad range of focused topics. 3 out of the 9 options can be chosen for study. Options are: Relationships, Gender, Cognition and Development, Schizophrenia, Eating behaviour, Stress, Aggression, Forensic Psychology, Addiction.

Future Pathways

Psychologist, Business Psychologist, Forensic Psychologist, Criminal Psychologist, Sports Psychologist, Psychiatrist, Neuroscientist, Counsellor, Social Services Worker, Marketing Expert, Data Analyst, Civil Servant

LEVEL 3 PATHWAY

Teacher Contact:
Mr S Cooke

Entry Requirements:
+ Grade 5 in English

Examination Board:
OCR



A LEVEL SOCIOLOGY

Year 12

Component 1 - Socialisation, culture and identity. 1.5 hour exam.

- + Introducing Socialisation, Culture and Identity - nature vs nurture, agents of socialisation
- + The media - effects theory, impact on identity, moral panics.

Assessment of student's analytical skills based on their interpretation of personal identity, roles and responsibilities within society and to develop a lifelong interest in social issues.

Component 2 - Researching and understanding social inequalities. 2 hour & 15 minutes exam.

- + Research Methods and Researching Social Inequalities - questionnaires, observation, interviews
- + Understanding Social Inequalities - sexism, racism, poverty, elitism, age discrimination

Year 13

Component 3 - Debates in contemporary society. 2 hour & 15 minutes exam.

- + Globalisation & the Digital Social World - impact of new forms of digital communication
- + Crime and Deviance - understand patterns and trends in crime and how it can be reduced

Exams for all three components are taken at the end of the two year course for the A Level.

Future Pathways

Social worker, Civil Service, Human Resources, Marketing, Public Relations.

LEVEL 3 PATHWAY

Teacher Contact:
Mrs A Harris

Entry Requirements:
+ Grade 6 in GCSE
French

Examination Board:
AQA



A LEVEL FRENCH

The A Level French course enables you to gain an in-depth knowledge and understanding of French society through the study of a range of contemporary issues. The course will cover and assess the four skills of Listening, Reading, Writing and Speaking. The A2 course provides a logical progression from AS and the focus is on developing your language learning skills. It is also an opportunity to gain greater understanding of other cultures, preparing you to become an effective communicator and provide a sufficient basis for the further study of languages at degree level or equivalent.

AS French topics

You will be studying the following four general topic areas as they relate to France and French-speaking countries:

Social issues and trends: Aspects of French-speaking society: current trends

- 1) The changing nature of family (La famille en voie de changement)
- 2) The 'cyber-society' (La « cyber-société »)
- 3) The place of voluntary work (Le rôle du bénévolat)

Artistic culture: Artistic culture in the French-speaking world

- 4) A culture proud of its heritage (Une culture fière de son patrimoine)
- 5) Contemporary francophone music (La musique francophone contemporaine)

ASSESSMENT

Paper 1: Listening, reading and writing (45% of AS) : Aspects of French-speaking society: current trends, artistic culture in the French-speaking world, and grammar. Written exam: 1 hour 45 minutes and 90 marks

Paper 2: Writing (25% of AS): One film "La Haine" (Mathieu Kassovitz) and grammar. Written exam: 1 hour 30 minutes and 50 marks

Paper 3: Speaking (30% of AS): One sub-theme from Aspects of French-speaking society: current trends and one sub-theme from Artistic culture in the French-speaking world. Oral exam: 12 – 14 minutes and 60 marks

Future Pathways

Many students follow this course with a languages degree, which usually involves learning two languages alongside literature and/or linguistics.

Languages also complement any other subject, and are often combined with popular degree courses such as Law, Business, Marketing, History, Engineering and Medicine. Language graduates are in high demand by employers in the UK and abroad.



LEVEL 3 PATHWAY

Teacher Contact:
Mr I Kennedy

Entry Requirements:

- + Grade 7 in GCSE Mathematics
- + A suitable score in Algebra entrance test
- + Mathematics A Level is compulsory if taking Further Mathematics

Examination Board:
Edexcel

A LEVEL IN FURTHER MATHEMATICS

Further Mathematics extends the concepts introduced during the Maths course and is aimed at students with a particular interest and ability in the subject. Students delve into more complex calculus and algebra, learn a variety of methods of proof and discover abstract concepts, such as the square root of minus one, beyond the scope of the Maths course. Students develop more mathematical modelling skills, particularly in mechanics and statistics, and may learn to analyse practical problems in decision mathematics. Most successful entrants to the course will have achieved an 8 or equivalent in their GCSE maths.

What is covered by the course?

Note. Half the content (the core pure maths) is compulsory. For the rest, students can specialise in statistics, mechanics, decision maths, pure maths or any combination of these. You will sit all external exams at the end of two years.

Year 1/AS

You will study a mixture of further pure maths, statistics and mechanics, with the pure and applied in an approximate 2:1 ratio. The pure will consist mainly of complex numbers, matrices, vectors and calculus. The statistics will involve discrete and continuous random variables and statistical tests. The mechanics will mostly consist of momentum, work and restitution.

A-Level

All students will continue to study further pure maths, with some choosing to specialise in this area. Others will specialise in statistics and mechanics. Which of the ten available further maths options you can study will depend on both your Year 1 exam results and direction from the teacher.

ASSESSMENT

There are four 90-minute exams, taken at the end of the second year, with an average mark of around 80% sufficient to achieve an A grade. You will sit two pure exams and two optional papers (see above). Year 1 students not continuing to Year 2 will sit two papers at the end of the first year. The course covers a wide range of topics including Pure mathematics, Statistics and Mechanics.

Future Pathways

Universities, colleges and prospective employers view Further Mathematics as arguably one of the most highly valued A-levels as a good pass demonstrates an individual's ability to think logically, work independently and solve complex problems, all of which are becoming standard requirements in an increasingly competitive job market. Further mathematics offers a gateway to jobs and careers in engineering, accounting, banking and teaching.

LEVEL 3 PATHWAY

Teacher Contact:
Mr I Kennedy

Entry Requirements:

- + Grade 7 in GCSE Mathematics
- + A suitable score in Algebra entrance test

Examination Board:
Edexcel



A LEVEL MATHEMATICS

A blend of pure and applied Mathematics to develop knowledge, reasoning and logic which will enable you to take a variety of transferable skills into Higher Education studies and the job market. The course covers a wide range of topics including Pure mathematics, Statistics and Mechanics.

Course duration and structure.

AS and A Level will be separate qualifications. An AS Level qualification will no longer count towards an A Level in Mathematics.

AS and A Level Mathematics consist of 100% prescribed content, containing both Pure and Applied Mathematics (no optional content).

Mechanics and Statistics will form part of the compulsory content for both AS and A Level students.

ASSESSMENT

All assessments will be linear, with 100% examination at the end of each year.

Paper 1: Pure Mathematics 2 hours = 100 marks.

Paper 2: Pure Mathematics 2hrs = 100 marks.

Paper 3: Statistics and Mechanics 2 hour = 100 marks.

Future Pathways

Universities, colleges and prospective employers view Mathematics as arguably one of the most highly valued A-levels as a good pass demonstrates an individual's ability to think logically, work independently and solve complex problems, all of which are becoming standard requirements in an increasingly competitive job market. Mathematics offers a gateway to jobs and careers in engineering, accounting, banking, teaching, where independent thought and responsibility are key attributes.



LEVEL 3 PATHWAY

Teacher Contact:
Miss L Spencer

Entry Requirements:

- + Minimum grade 66 in Combined Science or minimum grade 6 in Biology
- + Grade 6 in English and Mathematics

Examination Board:
Edexcel

A LEVEL BIOLOGY

Year 12: The course covers the topics of Biological Molecules and Cells, Viruses and Reproduction of Living Things, Classification and Biodiversity and Exchange and Transport.

Year 13: The course covers the topics of Energy for Biological Pathways, Microbiology and Pathogens, Origins of Genetic Variation, Control Systems and Ecosystems.

Students will be expected to participate in and complete several core practicals during the course. A Level Biology aims to develop essential knowledge and understanding of different areas of the subject and how they relate to one another. You will become competent in a variety of practical, mathematical and problem-solving skills as well as scientific method. Both courses will give you an excellent grounding in Biology and will help you to develop skills desirable in many careers and areas of society.

ASSESSMENT

There will be ongoing practical assessment for Practical Competency. Exams include multiple choice, short, and long answer questions, including links to applications and practical work.

Future Pathways

Possible careers include: Veterinary Science, Medicine, Physiotherapist, Nursing, Environmental Biologist, Ecologist, Geneticist, Microbiologist and Botanist.

LEVEL 3 PATHWAY

Teacher Contact:

Miss L Spencer

Entry Requirements:

- + Minimum grade 66 in Combined Science or minimum grade 6 in Chemistry
- + Grade 6 in English and Mathematics

Examination Board:

Edexcel



A LEVEL CHEMISTRY

Year 12: The course covers the topics of Atomic Structure and the Periodic Table, Bonding and Structure, Redox, Inorganic Chemistry and the Periodic Table, Formulae, Equations and Amounts of Substance, Organic Chemistry, Modern Analytical techniques, Energetics, Kinetics and Equilibrium. The course also includes a range of Core Practical Activities.

Year 13: The course extends the topics to a higher level, as well as introducing Acid-Base Equilibrium and Transition Metals. It also includes a further range of Core Practical Activities. The course aims to develop essential knowledge and understanding of different areas of the subject and how they relate to one another. You will become competent in a variety of practical, mathematical and problem solving skills as well as scientific method.

Chemistry A Level will give you an excellent grounding in the subject and will help you to develop skills desirable in many careers and areas of society.

ASSESSMENT

There will be ongoing practical assessment for Practical Competency. Exams include multiple choice, short, and long answer questions, including links to applications and practical work.

Future Pathways

Possible careers include: Pharmaceuticals, Forensics, Chemical Engineering, Environmental Science, Medical Science, Veterinary Science. Chemistry is also a well-regarded subject for entry into non-scientific careers such as Accountancy, Business and Law.



LEVEL 3 PATHWAY

Teacher Contact:
Miss L Spencer

Entry Requirements:

- + Minimum grade 66 in Combined Science or minimum grade 6 in Physics
- + Grade 6 in English and Mathematics

Examination Board:
Edexcel

A LEVEL PHYSICS

Year 12: The course covers the topics of Mechanics, Electric Circuits, Materials, Waves and the Particle Nature of Light. The course also includes 8 Core Practical Activities.

Year 13: Further Mechanics, Electric and Magnetic Fields, Nuclear and Particle Physics, Thermodynamics, Space, Nuclear Radiation, Gravitational Fields and Oscillations. The course also includes a further 8 Core Practical Activities.

The course aims to develop essential knowledge and understanding of different areas of the subject and how they relate to one another. Students will become competent in a variety of practical, mathematical and problem solving skills as well as scientific method. This course will give an excellent grounding in Physics and will help students to develop skills desirable in many careers and areas of society.

ASSESSMENT

There will be ongoing practical assessment for Practical Competency. Exams include multiple choice, short, and long answer questions, including links to applications and practical work.

Future Pathways

Many possible careers paths including Engineering, Architecture, Pilot, Astrophysicist, Medical Physicist, Geophysicist and Meteorologist.

LEVEL 3 PATHWAY

Teacher Contact:
Miss L Chapman

Entry Requirements:
+ Minimum grade 5 in
Art & Design or D&T
+ Grade 4 in English

Examination Board:
OCR



A LEVEL ART & DESIGN

ART PATHWAY: The Art pathway includes an in-depth exploration of techniques and study of a wide variety of art techniques; students are expected to master a wide range. You will have 1 lesson a week where you study contextual studies to widen your practitioner knowledge.

GRAPHIC DESIGN PATHWAY (You must have a laptop with Adobe Creative Suite, FSM students will be supported): The Graphics pathway includes a wide exploration of techniques and study in depth of Graphic Design and has a significant amount of time devoted to Adobe Creative Suite and Illustration. You will have 1 lesson a week whereby you study contextual studies to widen your practitioner knowledge.

3D DESIGN PATHWAY: The 3D Design pathway includes a wide exploration of techniques and study in depth of 3D Design and has a significant amount of time devoted to experimenting and developing your skills in 3D. You will have 1 lesson a week whereby you study contextual studies to widen your practitioner knowledge.

PHOTOGRAPHY PATHWAY (You must have your own SLR camera and a laptop, FSM students will be supported): The photography pathway includes a wide exploration of techniques and study in depth of Photography and Photographers. You will have 1 lesson a week whereby you study contextual studies to widen your practitioner knowledge.

ASSESSMENT

The rest of your curriculum will be devoted to practical exploration, experimentation and outcomes. 60% of your grade will be for an in depth portfolio study of work of a topic of your choice. 40% will be a 15 hour exam and preparatory portfolio.



LEVEL 3 PATHWAY

Teacher Contact:
Mrs D Gibson

Entry Requirements:
+ Grade 4 in English,
and Mathematics

Examination Board:
NCFE

IT INTRODUCTORY DIPLOMA

As a vocational course, students will investigate the roles of different professionals working in the application development sector of the IT and Computing industry in order to develop their understanding of the key fundamentals of this global industry.

Year 12

Unit 1 - Fundamentals of IT - Learners will develop a sound understanding of IT technologies and practices that are essential for IT professionals. Information learnt in this unit will provide a solid foundation in the fundamentals of hardware, networks, software, the ethical use of computers and how business uses IT. This unit is assessed by a 90 minute exam.

Unit 2 - Global information - Learners will develop their knowledge of the functionality of information and how data is stored and processed by organisations. They will also learn about how individuals use information of various types. This unit is assessed by a 90 minute exam.

Year 13:

Unit 6 - Application Design and Unit 8 - Project Management and Unit 21 - Website design and prototyping. During Year 13 learners will learn about application design and the concept of managing an application design project from initial ideas through to completion. Learners will undertake an internally assessed project that covers all three units which will require them to understand the different methodologies available for application design and then apply one to a real life scenario in order to design and produce a suitable application for a client.

Future Pathways: This qualification is designed to give learners a range of specialist knowledge and transferable skills in the context of applied IT, providing them with the opportunity to enter an apprenticeship, move directly into employment, or progress to a related Higher Education (HE) course. Learners could progress onto a Level 4 apprenticeship such as Network Engineer or Software Developer or into employment in the IT sector in areas such as technical support, digital technologies, application development or data analysis, or progress on to a relevant IT or Computing degree. Typical jobs roles that learners may progress on to following the course include: Junior Web Application Developer, Junior Application Developer, Network technician, or Junior Software Analyst

LEVEL 3 PATHWAY

Teacher Contact:

Mrs D Gibson

Entry Requirements:

+ Grade 4 in English and Mathematics

Examination Board:

OCR



EXTENDED CERTIFICATE IN DIGITAL MEDIA (1 X A LEVEL)

With units on Media Products and Audiences, Pre-Production and Planning, Social Media and Globalisation, and Research for Product Development, you will practically apply your skills and knowledge in preparation for further study, apprenticeship or the workplace.

You will develop professional and social skills through interaction with performers, clients and peers; as well as theoretical and technical knowledge and understanding to underpin these skills. This will allow your creativity and flair to be harnessed in the design and production of media products used within the industry. You will develop conceptual ideas, and visualise these all the way through the production cycle; from planning and pre-production right through to editing, postproduction and presentation of products. You'll learn how to analyse target audience requirements, research market demand and bring a media concept alive.

You will also gain an understanding of how different businesses and organisations in the media sector work. When it comes to progression or employment, you will learn about the variety of opportunities available to you, and the roles and responsibilities of media businesses and organisations within the sector. This will make sure you develop clear ideas about where you might like to take your career and what progression routes you'd like to follow.

ASSESSMENT

3-5 internally marked coursework units, equating to 50% of the final grade and 2 externally set examinations which equate to 50% of the final grade.

Future Pathways

Photography, Image Editing/Compositing, Art and Graphic Design, Print and Digital Media - from Magazines to Comics and Graphic novels, Web Design, Blogging, Vlogging, Audio Blogs and Podcasts, Social Media - from Facebook to Tik Tok, Interactive Media, Digital Animation, TV and Short Films?

LEVEL 3 PATHWAY

Teacher Contact:
Miss K Dallard

Entry Requirements:

- + Grade 4 in English and Mathematics
- + A Grade 5 or Level 2 Merit (or equivalent performance experience) in a Performing Arts discipline

If you do not meet the entry requirements in the core subjects, you will be assessed on your performance grades, skills and performance experience

Examination Board:
Pearson



BTEC LEVEL 3 EXTENDED CERTIFICATE IN DANCE

This qualification will suit any student who is interested in the performing arts with a key focus on the discipline of dance.

Learners will take five units made up of four mandatory units and an optional unit. Everyone will study the following mandatory units:

- + Group Performance Workshop
- + Developing Skills and Techniques for Performance.
- + Jazz Dance Technique
- + Contemporary Dance Technique
- + Choreography for Live Performance

These units will give learners an understanding of the dance industry in wider contexts, including the way the sector works, job roles and progression opportunities, how to build strategies for sustaining a freelance career, and how to plan and develop projects. Learners will study the work of dance practitioners and learn how to demonstrate practical ideas for performance. Learners will focus on the development of practical skills and contextual knowledge throughout the qualification.

ASSESSMENT

Unit 3 is externally examined and assessed. All other units are internally assessed and externally moderated. This qualification is graded: Pass, Merit, Distinction, Distinction*.

LEVEL 3 PATHWAY

Teacher Contact:

Miss K Dallard

Entry Requirements:

- + Grade 4 in English and Mathematics
- + A Grade 5 or Level 2 Merit (or equivalent performance experience) in a Performing Arts discipline

If you do not meet the entry requirements in the core subjects, you will be assessed on your performance grades, skills and performance experience

Examination Board:

Pearson



BTEC LEVEL 3 EXTENDED CERTIFICATE IN PERFORMING ARTS

This qualification will suit any student who is interested in the following disciplines:

- + Dance
- + Drama
- + Music
- + Singing
- + Musical Theatre

Learners will take four units made up of three mandatory units and an optional unit. Everyone will study the following mandatory units:

- + Group Performance Workshop
- + Investigation Practitioners Work
- + Influential performance practice
- + Developing Skills and Techniques for Live Performance

These units will give learners an understanding of the performing arts industry in wider contexts, including the way the sector works, job roles and progression opportunities, how to build strategies for sustaining a freelance career, and how to plan and develop projects. Learners will study the work of key practitioners and learn how to demonstrate practical ideas for performance. Learners will focus on the development of practical skills and contextual knowledge throughout the qualification.

ASSESSMENT

Unit 3 is externally examined and assessed. All other units are internally assessed and externally moderated. This qualification is graded: Pass, Merit, Distinction, Distinction*.

LEVEL 3 PATHWAY

Teacher Contact:
Mr J Priddle

Entry Requirements:
+ Grade 4 in English
and Mathematics

Examination Board:
RSL

BUSINESS OF MUSIC PRACTITIONERS RSL SUBSIDIARY DIPLOMA

This brand new pathway is for students who would like to work in the business of the creative industries. The creative industries are a driving force in the UK economy:

- + Local economies in the UK have grown their creative industries by an average of 11 per cent in the last decade, twice as fast as other industry sectors
- + If the creative industries keep growing at the same pace, they could create 900,000 new creative industries jobs by 2030, generating a huge demand for those with business acumen to support the growth of the industry.

This course focuses largely on the “business” of the creative industries, where there are a huge number of exciting and fast paced jobs in the UK; journalism, marketing and advertising, social media, event organisation, artist management, accounting, to name but a few. The course focuses on business concepts, marketing and promotion, event management, the media, as well as having an insight in to how these people work with the artists in live events.

The units you will study are:

- + Artists and the Media. Taking a product to market, how to do this successfully.
- + Music Marketing. Exploring how artists are marketed using a range of tools such as social media, websites, print media, merchandise, television etc to sell their products and generate revenue. Developing an understanding of financial planning in creative industries.
- + Lighting for Live Performance. Working in collaboration with artists and directors to design lighting for live events.
- + Music Stage Management. Understanding how to manage live events such as music concerts.
- + Event Health and Safety. Ensuring you have an in depth understanding of legislation and health and safety requirements in the events industry.
- + Music Promotion and Event Management. Plan, market and manage a live event.
- + Planning for a Career. Exploring business roles that can be found in the creative industries.

ASSESSMENT

This course is assessed entirely through coursework. There is no written examination element. This is an approved qualification which carries significantly more UCAS points than other traditional A Level qualifications. (1.5 times)

Future Pathways

Business roles in the creative industries such as artist management, event management. Advertising and marketing roles, journalism or the media industries in general. Engineer, Advertising, Sound Operator, DJ, Broadcasting Production Assistant, Music Journalist, Music Management.

LEVEL 3 PATHWAY

Teacher Contact:
Mr M Clay

Entry Requirements:

- + Grade 4 in English and Science
- + Grade 4 in GCSE PE or L2 Merit at V.cert/ BTEC Sport L2

Examination Board:
Edexcel



SPORT

As a vocational course, students will assume the role of various sports professionals in order to develop their understanding of the key fundamentals of this global industry. Within each role, students will complete a number of mandatory units relevant to all aspects of coaching, sport development and fitness including:

Anatomy and Physiology

Learners explore how the skeletal, muscular, cardiovascular and respiratory systems function and the fundamentals of the energy systems culminating in a 90 minute exam.

Fitness Training and Programming for Health, Sport and Well-being

Learners interpret lifestyle factors and health screening data to develop and justify a fitness training programme and nutritional advice for a client. They will complete the task using knowledge and understanding from their studies of the sector and apply both transferable and specialist knowledge skills.

Professional Development in the Sports Industry

Learners explore the knowledge and skills required for different career pathways in the sports industry. They will take in, and reflect on, a personal audit, career action plan and practical interview assessment activities.

Optional unit.

An optional unit from any of the following areas:

- + **Sports Leadership**
- + Application of Fitness Testing
- + Sports Psychology
- + Practical Sports Performance

Future Pathways

Sports Coaching, PE Teacher, Nutritionist, Physiotherapy, Fitness Instructor, Personal Trainer, Sports Development Officer, Sports Venue Manager, Sports and Leisure Management, Sports Agent.



LEVEL 3 PATHWAY

Teacher Contact:
Mrs S Cooke

Entry Requirements:
+ Grade 4 in English,
Mathematics and
Science

Examination Board:
Edexcel

NCFE CACHE APPLIED GENERAL CERTIFICATE FOR EARLY YEARS, CHILDCARE AND EDUCATION

This qualification enables students to develop knowledge and understanding of child development, education and care. The Childcare qualification is equivalent to 1 A-Level and can be taken alongside the Level 3 Applied General Certificate in Health and Social Care, also equivalent to 1 A-Level (2 A-Level equivalent at the end of 2 years)

Students will discover and learn about:

- + The role of the early years, childcare and education practitioner
- + Human growth and development from conception to 19 years
- + Key legislation, policy and procedures
- + Statutory educational frameworks
- + Play and learning

ASSESSMENT

The qualification requires students to produce a portfolio of evidence over a 2 year period that consists of 5 internally marked coursework units graded Pass, Merit, Distinction, Distinction* and equates to 50% of the final grade.

There are also 2 externally set assessments which equate to 50% of the final grade.

Future Pathways

Possible careers include:

- + Early Years Education
- + Paediatric Nursing
- + Social work
- + Early Years Support Work
- + Family Support

LEVEL 3 PATHWAY

Teacher Contact:

Mrs S Cooke

Entry Requirements:

- + Grade 4 in English, Mathematics and Science

Examination Board:

NCFE



NCFE CACHE APPLIED GENERAL CERTIFICATE FOR HEALTH AND SOCIAL CARE

This qualification enables students to develop a wide range of knowledge and skills relevant to working in the Health and Social Care sector. The Health and Social Care qualification is equivalent to 1 A-Level and is taken alongside the Level 3 Applied General Certificate for Early Years, Childcare and Education, also equivalent to 1 A-Level (2 A-Level equivalent at the end of 2 years)

Students will discover and learn about:

- + Functions of Health and Social Care
- + Human Growth and Development
- + Empowerment in Health and Social Care
- + Health Education
- + Anatomy and Physiology for Health and Social Care

ASSESSMENT

The qualification requires students to produce a portfolio of evidence over a 2 year period that consists of 5 internally marked coursework units graded Pass, Merit, Distinction, Distinction* and equates to 50% of the final grade. There are also 2 externally set assessments which equate to 50% of the final grade.

Future Pathways

- + Adult nursing
- + Paediatric nursing
- + Education
- + Public health
- + Care Quality Commission
- + Social Work



LEVEL 3 PATHWAY

Teacher Contact:
Ms H Victory

Entry Requirements:

- + Minimum of 4 GCSEs grade 9-4 (or equivalent grades)
- + Grade 4 in English
- + A Pass grade in a relevant Level 2 Vocational course (NCFE Business or other Business qualification) if studied

Examination Board:
Pearson Edexcel

BTEC BUSINESS

Do you have a creative flair and a natural desire to seek out opportunities? Would you like to build your leadership skills, decisions making skills, and ability to communicate effectively with others? Are you looking to pursue your passion and jump-start your career? Then our vocational Business Studies course is the programme of study for you. As a student of Business Studies, we will help you take your first steps towards a career in the business world. You'll learn essential skills such as business enterprise, project management, promoting a brand, and financial awareness.

By studying Business, you'll develop the knowledge and skills required to make informed business decisions by introducing you to the wide ranging aspects of the business world. Within this, it provides a solid basis for understanding in relation to key topics of study such as:

Exploring a Business / The Business Environment. Developing a Marketing Campaign
Customers and Communication. Personal and Business Finance / Accounting Concepts
Managing an Event / Business Events. International Business
Principles of Management. Business Decision Making
Recruitment and Selection / Human Resources. Market Research
Work Experience in Business / Working in Business. Digital Marketing
Being an Entrepreneur

** actual topics of study to be confirmed shortly*

ASSESSMENT

Business Studies (Vocational Qualification) will be delivered through coursework and exam based assessment.

Future Pathways

The broad business-related content of this qualification serves as an excellent grounding for university or HND study within an array of subjects including: Business, Finance, Banking, Human Resources, Marketing, IT, Event Management and Accounting (amongst others). For students who choose to move straight into employment, the Business Studies programme of study may support access to employment in areas such as in Marketing, Finance, Events Management, Communications, Insurance, Banking, and Office Administration. Vocational qualifications are also a fantastic springboard into Higher Apprenticeships or Degree Programmes.

LEVEL 3 PATHWAY

Teacher Contact:
Ms C Crump

Entry Requirements:
+ Grade 4 in English
and Mathematics

Examination Board:
London Institute of
Banking and Finance



DIPLOMA IN FINANCIAL STUDIES (CEFS)

As an Applied General qualification, the Certificate in Financial Studies (CeFS) provides a comprehensive introduction to personal finance. Its purpose is to prepare students for further study through the development of the core skills of critical analysis and evaluation, synthesis, verbal communication (through classroom discussion) and written communication. CeFS develops the knowledge and skills required for young people to make informed financial decisions by introducing them to the risks and challenges involved in personal finance and the tools for effective planning. Within this, it provides a solid basis for creating financial inclusion, by exploring social-economic trends and their relationship with an individual's circumstances and attitudes.

Year 12: Certificate in Financial Studies

Unit 1: Financial Capability for the Immediate and Short Term. Students will gain an understanding of cash flow and various financial products, savings and borrowings; along with the interest and charges associated with these types of products.

Unit 2: Financial Capability for the Medium and Long Term. This unit highlights the importance of planning for medium and long term financial needs, with particular reference to the importance of budgeting for future aspirations and life events.

Year 13: Diploma in Financial Studies

Unit 3: Sustainability of an Individual's Finances. Understanding the importance of maintaining a balance between income and expenditure, students learn about financial planning and personal budgets. The impact of change to finances and the implications of debt. They also study global events which affect the financial services sector and individuals.

Unit 4: Sustainability of the Financial Services System. This unit looks at the work of financial services providers and the environment in which they operate, including financial sustainability and the influence of external factors.

ASSESSMENT

4 exams. Part A - Multiple Choice. Part B - Written paper based on Case Study.

Future Pathways

The financially related content of this qualification serves as an excellent grounding for undergraduate study within finance and business-related disciplines, with many students going on to study accounting, business, finance and banking. For students who choose to move straight into employment, DipFS may support access to employment in areas such as in insurance, banking, and office administration, or in the voluntary sector such as with Citizens Advice.



LEVEL 3 PATHWAY

Teacher Contact:
Mr K Rumary

Entry Requirements:
+ Grade 4 in English
and Mathematics

Examination Board:
City and Guilds

CITY & GUILDS ADVANCED TECHNICAL CERTIFICATE IN ENGINEERING

This qualification is for you if you are looking to start in the Engineering sector, covering a range of topics allowing you to develop your knowledge and skills. There are no entry requirements for this qualification.

Topics covered:

You will study theoretical aspects of the subject and apply them to practical tasks. Compulsory topics include:

- + engineering materials
- + electronics, control and instrumentation
- + mechanical structures and dynamics
- + manufacturing methods in engineering
- + engineering design
- + engineering mathematics and statistics.

You will study both the practical use and underpinning knowledge of the subject, which sometimes involve local employers providing real examples as part of the training. You will visit or have visits from employers who can provide demonstrations and talks on the industry, there may also be a relevant work placement with an employer.

ASSESSMENT

This qualification has a single exam (40%) and a single synoptic project (60%). The exam is sat January in year 13, with a resit June in year 13. The synoptic assessment is sat from December in year 13 to May.

Future Pathways

The City & Guilds Level 3 Advanced Technical Certificate in Engineering could lead to employment opportunities for you as a:

- + skilled machinist
- + composites technician
- + measurement and control technician

When you have achieved this qualification, you have a choice of seeking employment or going on to further learning. Examples include:

- + Higher Apprenticeship in Advanced Manufacturing Engineering.
- + Foundation Degree
- + FdEng in Engineering.

LEVEL 3 PATHWAY

Teacher Contact:
Mr K Rumary

Entry Requirements:

- + Grade 4 in English and Mathematics
- + A Merit in NCFE Engineering

Examination Board:
City and Guilds



CITY AND GUILDS DIPLOMA IN LIGHT VEHICLE MAINTENANCE

This qualification is for learners who have a keen interest in vehicle maintenance and are looking to progress within this industry. The qualification will provide them with the opportunity to develop their knowledge and skills at the level suiting their ability at entry.

This course has been designed to be practical, engaging and motivating to support learners in gaining the key knowledge and skills required by maintenance and repair employers. It is also a mandatory requirement that learners will engage with sector employers during the qualification. Once they have achieved their qualification, learners can progress to further training and education in automotive and engineering subjects (including an apprenticeship) or to a job role in the sector.

What is covered by the course?

You will cover the following topics:

- + Health, Safety and Good Housekeeping in the Automotive Environment
- + Support for Job Roles in the Automotive Environment
- + Materials, Fabrication, Tools and Measuring Devices used in the Automotive Environment
- + Diagnose, Rectify and Report on Complex Light Vehicles Faults
- + Diagnose and Rectify Vehicle Auxiliary Electrical Faults
- + Diagnose and Rectify Light Vehicle Engine Faults
- + Diagnose and Rectify Light Vehicle Chassis System Faults
- + Knowledge of Diagnosing and Rectifying Light Vehicle Transmission and Driveline Faults
- + Inspect Light Vehicles Using Prescribed Methods
- + Overhaul Light Vehicle Steering and Suspension Units

ASSESSMENT

For this qualification, learners must complete:

- + 4 in class essays
- + 4 online exams
- + 7 practical tests

Future Pathways

Upon achieving this qualification, learners can progress onto university or further training and education in automotive and engineering subjects (including apprenticeships) or to a job role in the vehicle maintenance sector.

LEVEL 3 PATHWAY

Teacher Contact:
Ms J Smith

Entry Requirements:

- + Grade 5 in GCSE Food or L2 Merit in Hospitality and Catering
- + Grade 4 in English and a Science

Examination Board:
WJEC



DIPLOMA IN FOOD SCIENCE & NUTRITION

This Level 3 qualification offers a wealth of knowledge about nutrition, the relationship between the human body and food, as well as practical skills for cooking and preparing food.

One mandatory unit in Year 12 with both an internal and external assessment and two units in Year 13; one mandatory externally set and assessed paper and one externally set and internally assessed controlled assessment.

Unit 1: Meeting the nutritional needs of specific groups. Develop an understanding of the nutritional needs of specific target groups and plan and cook complex dishes to meet their nutritional needs.

Unit 2: Ensuring food is safe to eat. You will develop an understanding of hazards and risks in relation to the storage, preparation and cooking of food in different environments and the control measures needed to minimise the risks. You will be able to work with a scenario given to recommend the control measures that need to be in place, to ensure that food is safe to eat

Unit 3: Experimenting to solve food production problems. The aim of this unit is for learners to use their understanding of the properties of food in order to plan and carry out experiments. The results of the experiments would be used to propose options to solve food production problems.

ASSESSMENT

Year 12: Unit 1: One Internal 9 ½ hour controlled assessment, including a 3 hour 30 minute practical exam and a 1 hour 45 minute written exam.

Year 13: Unit 2: One External 8 hour controlled assessment examination completed in sessions between 01 May and 01 June.

Year 13: Unit 3: One Internal controlled assessment marked by 01 May.

Future Pathways

An understanding of food and nutrition is relevant to many industries and job roles: Food Technology, Chef, Nutritionist, Food buyer, Food Critic, Marketing, Food Product Development and Production, Dietetics, Teaching, Catering, Sports Science, Nursing, Environmental Health. Higher Education courses include: Food & Nutrition, Human Nutrition, Public Health Nutrition, Food Science & Technology, Hotel & Restaurant Management.

LEVEL 3 PATHWAY

Teacher Contact:

Mrs M Wilkins

Entry Requirements:

+ Grade 5 in English

Examination Board:

Pearson Edexcel

UCAS Points Available:

28



EXTENDED PROJECT

The Pearson Edexcel Level 3 Extended Project allows learners to study a topic area which extends their learning in their area of study, as a standalone qualification. Learners follow the Dissertation pathway and should select a project topic which expands their learning in their field of study, in a related area, or that is relevant to their own personal interests. Learners will be assessed on their ability to plan, manage, complete and review their project. The qualification will be completed over 1 year, and is assessed by a tutor and externally moderated by Pearson.

This qualification will allow learners to:

- + have significant input to the choice of their project and take responsibility for completing tasks independently
- + develop and improve their own learning and performance as critical, reflective and independent learners
- + develop and apply decision making and, where appropriate, problem solving skills
- + extend their planning, research, critical thinking, analysis, synthesis, evaluation and presentation skills
- + where appropriate, develop as e-confident learners and apply relevant technologies in their studies
- + develop and apply skills, creatively demonstrating initiative and enterprise
- + transfer skills developed as part of their project to other areas of study
- + use their learning experience to support their personal aspirations for further education and/or career development.

Assessment:

Dissertation - a theoretical written project on any topic presenting an argument, e.g., research into a biological, historical or environmental issue.

LEVEL 3 PATHWAY

Teacher Contact:
Mr M Clay

Entry Requirements:
+ Grade 4 in English
and Mathematics

Examination Board:
SLQ

UCAS Points Available:
16



SPORT LEADERSHIP

This course is for students looking to build confidence, communication, time and leadership skills and for students who want to get into a career which involves: management, leadership, sport, event planning, working with large groups of people.

Students will use a Learner Evidence Record (LER) for this qualification. This will be filled out throughout lessons and in non-contact time and some will be sent off to SLQ for moderation purposes.

The LER is mandatory and uses the following assessments:

- + Practical observation – with additional guidance of how to use videos and conferencing apps to support assessment decisions
- + Assessment of written tasks (task worksheets provided in the LER)
- + Plans and evaluations completed during the course

Students will complete 7 challenges over the course on their lead up to their event assessments:

- + **Valuing Learning Challenge** – Engaging with learning and your community
- + **Skills for Progression Challenge** – The personal skills you need to progress
- + **Believe in Yourself Challenge** – Building confidence to succeed
- + **Safety First Challenge** – Leading activities safely
- + **Adapting Activities Challenge** – Developing activities for a changing environment
- + **Virtual Leading Challenge** – Using technology for leading activities
- + **The Reflection Challenge** – Effective self-evaluation of skills

LEVEL 3 PATHWAY

Teacher Contact:
Mr I Kennedy

Entry Requirements:

- + Grade 5 in Mathematics
- + If a grade 4 is achieved we'll consider your Science grade

Examination Board:
Edexcel

UCAS Points Available:
20



CORE MATHEMATICS

Mathematics is, inherently, a sequential subject. There is a progression of material through all levels at which the subject is studied. It is assumed that students will already have confidence and competence in the content presented in standard type within the GCSE mathematics criteria. Students will make use of elements of this content when addressing problems within this Level 3 Certificate Mathematical Studies specification but this is not explicitly set out in subject content. This Level 3 Certificate Mathematical Studies specification aims to build on the knowledge, understanding and skills established in GCSE mathematics.

Subject content that is expected to be used throughout including:

- + Knowledge and use of the formula $y=mx+c$. It is also expected that students will be able to find the gradient of a straight line connecting two different points.
- + It is expected that spreadsheets and tables will be used throughout the teaching of this Level 3 Certificate Mathematical Studies specification.
- + Knowledge and use of the formulae for the circumference and the area of circle.
- + Knowledge and use of the formulae for the perimeter of 2-D shapes, their areas and for calculating fractional areas of circles and composite shapes.
- + Knowledge and use of the mathematical content of analysis of data and maths for personal finance elements.
- + The ability to calculate surface areas of spheres, cones, pyramids and composite solids, including the application of the concepts of similarity including lengths in similar figures and Pythagoras' theorem applied to 2-D and 3-D figures.

Subject content areas

- + 3.1 Analysis of data
- + 3.2 Maths for personal finance
- + 3.3 Estimation
- + 3.4 Critical analysis of given data and models (including spreadsheets and tabular data)
- + 3.5 The normal distribution
- + 3.6 Probabilities and estimation
- + 3.7 Correlation and regression
- + 3.8 Critical path analysis



LEVEL 3 PATHWAY

Teacher Contact:
Mr I Kennedy

Entry Requirements:

- + Grade 7 in GCSE Mathematics
- + A suitable score in Algebra entrance test
- + Mathematics A Level is compulsory if taking Further Mathematics

Examination Board:
Edexcel

UCAS Points Available:
20

AS LEVEL IN FURTHER MATHEMATICS

Further Mathematics extends the concepts introduced during the Maths course and is aimed at students with a particular interest and ability in the subject. Students delve into more complex calculus and algebra, learn a variety of methods of proof and discover abstract concepts, such as the square root of minus one, beyond the scope of the Maths course. Students develop more mathematical modelling skills, particularly in mechanics and statistics, and may learn to analyse practical problems in decision mathematics. Most successful entrants to the course will have achieved an 8 or equivalent in their GCSE maths.

What is covered by the course?

Note. Half the content (the core pure maths) is compulsory. For the rest, students can specialise in statistics, mechanics, decision maths, pure maths or any combination of these. You will sit all external exams at the end of two years.

You will study a mixture of further pure maths, statistics and mechanics, with the pure and applied in an approximate 2:1 ratio. The pure will consist mainly of complex numbers, matrices, vectors and calculus. The statistics will involve discrete and continuous random variables and statistical tests. The mechanics will mostly consist of momentum, work and restitution.

ASSESSMENT

There are two 90-minute exams, taken at the end of the second year, with an average mark of around 80% sufficient to achieve an AS grade. You will sit one pure exam and two optional paper (see above). The course covers a wide range of topics including Pure mathematics, Statistics and Mechanics.

Future Pathways

Universities, colleges and prospective employers view Further Mathematics as arguably one of the most highly valued A-levels as a good pass demonstrates an individual's ability to think logically, work independently and solve complex problems, all of which are becoming standard requirements in an increasingly competitive job market. Further mathematics offers a gateway to jobs and careers in engineering, accounting, banking and teaching.



ANYTHING IS POSSIBLE

SIXTH FORM LEADERSHIP TEAM

The team is elected annually and the students are highly respected members of the Sixth Form. They represent the Academy and its students at a variety of functions within the community and are often asked to speak at local events.

As an approachable Sixth Form Leadership Team, we help facilitate the learning of sixth form students, helping to ensure that they have an appropriate environment for learning that ultimately leads to effective academic development.

Our role is to act as an extra line of support for students, whilst also providing a point of contact between students and staff. Furthermore, our other responsibilities are to aid the cohesion of Year 12 and 13 students for the creation of a strong sixth form community. We are the face of sixth form, representing many different departments, goals, aspirations and set a high standard for younger students to follow. We intend to play a major role in the consistent development of our sixth form, and help create a learning environment to suit all students.

EXPECTATIONS

As a member of Rivers Sixth Form students are expected to:

- + Be a role model for the rest of the Academy. Your behaviour, attitude and dress must reflect this at all times.
- + Study hard. Students should ensure all work is completed to the highest possible standard and to the Target Grade.
- + Meet all deadlines including homework.
- + Be punctual and attend all lessons including after school revision/ study classes.
- + Take responsibility for catching up with any work missed due to absence.
- + Help and support younger Academy students by working with them, their mentors and teachers.
- + Respect the Sixth Form area and the wider Academy environment.
- + Maintain a positive attitude and be prepared to take an active part in Sixth Form life.
- + Support the Academy and the Sixth Form Leadership Team by attending functions, participating in charity fundraising and enrichment/ citizenship activities.
- + Discuss any issues as soon as they arise with our team.

DRESS CODE

Our dress code is modern office wear and the following are not permitted:

- + Short skirts, dresses or shorts - long shorts/playsuits are allowed
- + Jeans with rips - smart jeans are allowed
- + Flip flops or other beach footwear
- + Strappy tops - shoulders need to be covered at all times
- + Crop tops/low cut tops - no skin on show
- + No leggings - unless worn under a dress/long top to replace tights
- + No sportswear, lounge wear or jogging bottoms
- + No loose hanging jewellery
- + No phones out unless directed to use them



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sixthform@ormistonriversacademy.co.uk