RANGE HIGH SCHOOL

Challenge • Support • Flourish

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Head Teacher: Mr M. McGarry MA, PGCE, NPQH

Dear Students, Parents and Carers

November 2019

Welcome to the next, very exciting stage in your educational journey. I would like you to consider very carefully the next two years of your life as it will go by very quickly. I'm quite sure that all of the adults reading this will agree with me!

Most of you will know Range very well and will be aware of the excellent standards our students achieve. Many of you will have contributed to the school's successes over the last five years and will have decided that Range is the first and best choice for further study.

Range offers students the chance to excel through its educational programme, pastoral support and enrichment opportunities. Students routinely achieve 100% 'A' Level and BTEC pass rate and this year over 50% of grades at 'A' Level were awarded A*/B and almost a quarter of all grades were at A*/A. Last year, Range was the top non-independent school in Sefton when considering the overall quality of grades achieved by students. Further details are available on the DFE performance table website.

The sixth form offer includes not only traditional 'A' Level qualifications but also an increasing variety of vocational qualifications. To guarantee you an automatic place on each pathway, subjects operate a minimum grade requirement which we will be happy to discuss with you.

Range offers opportunities for you to develop as a young person, both in school and in the community. There are many reasons why we feel that Range should be your choice. Some of those reasons are outlined below:

- high academic and vocational standards including provision for students with additional needs;
- access to dedicated facilities in our purpose built Sixth Form Centre;
- personal and individual attention and assistance regarding choice of courses, progress throughout and progression onto employment and further and higher education;
- outstanding pastoral care;
- group sizes which allow for flexible teaching and learning;
- a varied enrichment programme;
- a dedicated team of specialist teachers and support staff who will have your very best interests at the very centre of what they do.

Extensive information about pathways and courses, and our application form can be found in our online prospectus on our website at www.range.sefton.sch.uk.

We take pride in the success of our students and hope that you will become part of that success in our fantastic sixth form. Good luck in making the very best decisions about your future, we look forward to supporting you in this journey.

Yours sincerely

Mike McGarry
Headteacher

WELCOME TO RANGE SIXTH FORM 2019

Range Sixth Form offers opportunity and possibility to its current and prospective students, through a varied curriculum at level 3, including 'A' level, BTEC and Cambridge Technical courses, as well as an array of extra-curricular and enrichment activities.

We know our students well and pride ourselves on our ability to treat each one as an individual. If you choose Range Sixth Form, we will work with you to enable you to develop your academic potential, as well as your extra-curricular interests.

Range Sixth Form has a track record of academic success, offering a diverse approach to teaching and learning, provided by specialist staff. As a student in the Sixth Form, we will help you to develop independent study skills beyond the classroom to support your learning.

You will be taught in small classes averaging about 15 students. We will support you with specialised Oxbridge preparation and provide extensive assistance with university, apprenticeship and employment applications. In 2019 'A' level students achieved 99% pass rate and over 50% of 'A' level grades were at A*-B. In 2019 students progressed onto apprenticeships and into employment, as well as onto a range of degree courses including: Accounting and Finance, Chemistry, Diagnostic Radiography, Economics, Engineering, Human Physiology, Physics with Medical Physics, Law, Mathematics with Spanish, Medicine, Sports and Exercise Science.

Range Sixth Form has a history of outstanding, personalised and pastoral support. If you join our Sixth Form community, we will ensure that you have access to tutorials, study support sessions and are treated as individual learners. We will provide an enrichment programme including: Extended Project, Duke of Edinburgh Award Scheme up to Gold Award, sporting fixtures, work experience, as well as subject based trips, visits and conferences,

We are proud of our students past and present. It is a privilege to experience on a daily basis their successes, achievements and contributions to the wider community. If you choose to join us, you do so at an exciting time, as we have enhanced our curriculum as well as our facilities. We look forward to welcoming you into our Sixth Form and to supporting you to achieve your ambitions as well as the future you deserve.

RANGE HIGH SCHOOL
SIXTH FORM PATHWAYS

The school offers two pathways to provide students with the maximum opportunity for success. A place on either pathway is dependent on satisfactory subject and attitudinal references. Grade criteria also apply. Applications should be made via the Range High School website

www.range.sefton.sch.uk

(\sixth form \sixth form application form)

or on a paper application form, direct to school.

RED PATHWAY *(Level 3 Courses)*

Art
Biology
Business Studies
Chemistry
Computer Science
Drama
Economics
English Literature
French
Further Mathematics
Geography
Geology
German
History
Mathematics
Media Studies
Photography
Physics
Product Design
Psychology
Sport & Physical Education

Automatic consideration for the Red Pathway will be given to students who achieve a minimum of 5 GCSEs 9-4 including Grade 4 in English Language and Maths, and who meet the individual subject requirements. Students who do not meet the above requirements will be considered on an individual basis.

The vast majority of students will choose 3 courses for A Level study. Many will also study for an extended project qualification (EPQ). Where students want to study 4 A levels, this will be discussed on an individual basis.

Please note that classes will only run if there is a viable group size.

GREEN PATHWAY *(Level 3 Courses)*

A number of courses including BTEC are available. The BTEC National Diploma is a two year course, equivalent to **two** A levels and BTEC Extended Certificate is equivalent to **one** A level. The Cambridge Technical level 3 in Sport and Physical Activity is equivalent to **one** A level.

Vocational level 3 qualifications such as these allow students the opportunity to study in a different way to A level. They are accepted as entrance to many university courses. We are proposing:

2 'A' level equivalent

BTEC Business Studies National Diploma

BTEC Health and Social Care National Diploma

1 'A' level equivalent

BTEC Creative Digital Media Production: Digital Publishing Extended Certificate

BTEC Health and Social Care Extended Certificate

BTEC ICT Extended Certificate

BTEC Music Performance Extended Certificate

BTEC Performing Arts Extended Certificate

Cambridge Technical in Sport and Physical Activity

If students select a BTEC National Diploma qualification, it will normally be studied in conjunction with an Extended Certificate or Cambridge Technical qualification. However, it may be possible to study a BTEC National Diploma with one A level.

Automatic consideration for the Green Pathway will be given to students who have a minimum of 5 GCSEs 9-4 including Grade 4 in English Language. However, students who do not meet the above requirements will be considered on an individual basis.

Please note that classes will only run if there is a viable group size.

RANGE SIXTH FORM – MINIMUM ENTRY REQUIREMENTS 2019

For the Red Pathway - A minimum of 5 GCSEs 9-4 including Grade 4 in English Language and Maths plus the following requirements for each subject

For the Green Pathway - A minimum of 5 GCSEs 9-4 including Grade 4 in English Language

Please note: All subjects require satisfactory academic and attitudinal references

SUBJECT	ACADEMIC REQUIREMENTS	OTHER REQUIREMENTS
A Level Art Craft & Design	Grade 6 in this subject for the Red Pathway Grade 6 is desirable for the Green Pathway	Please note that due to the practical nature of Art, students will be considered on an individual basis where they can evidence high achievement at a practical level, even if they have not taken the subject at GCSE
A Level Biology	A minimum Grade 6 in GCSE Biology **or** GCSE Combined Science **and** a Grade 6 or higher in Maths GCSE	
Business BTEC Level 3 National Diploma	A minimum of 5 GCSEs 9-4 including Grade 4 in English Language	However, students who do not meet the minimum requirements will be considered on an individual basis.
BTEC Level 3 Information Technology National Extended Certificate	A minimum of 5 GCSEs 9-4 including Grade 4 in English Language	However, students who do not meet the minimum requirements will be considered on an individual basis.
A Level Business Studies	**Route 1:** • Grade 6 in Business Students GCSE • Grade 6 in either English Language or Mathematics with grade 5 in the other subject **OR** **Route 2:** • Grade 6 in English Language • Grade 6 in Mathematics where Business Studies has not been studied at GCSE.	Students with Mathematics and English grades slightly below the requirements will be considered on an individual basis.

SUBJECT	ACADEMIC REQUIREMENTS	OTHER REQUIREMENTS
A Level Chemistry	• Grade 6 in Chemistry GCSE **Or** Grade 6 in Combined Science GCSE • With Grade 6 or above in Maths GCSE	
A Level Computer Science	• Grade 6 or above in GCSE Computer Science. • With Grade 5 or above in GCSE Maths.	Ability to show resilience.
A Level Drama	• Grade 6 in Drama and Grade 5 in English Language	Please note that due to the practical nature of Drama, students will be considered on an individual basis where they have the required grade in English Language along with a high level of achievement which can be evidenced at a practical level, even if they have not taken the subject at GCSE.
A Level Design Technology: Product Design	• Grade 6 in Design & Technology **OR** Grade 6 in Art or Photography	*Please note that due to the practical nature of Product Design, students WILL BE considered on an individual basis where they can evidence high achievement at a practical level, even if they do not meet the academic requirements.* ***It is worth discussing alternative entry options with a member of the Design and Technology Faculty.***
A Level Economics	• Minimum of Grade 6 in English Language and Mathematics	Students with grades slightly below the academic will be considered on an individual basis.
A Level English Literature	Grade 6 or above in GCSE English Literature	
Extended Project Qualification	Students' suitability will be discussed on an individual basis. A good work ethic is essential.	
A Level Further Maths	• Grade 8 or above in Mathematics GCSE.	• Love of the subject. • Desire and ability to work at a fast pace. • Competence and confidence in using algebra — this is essential.

SUBJECT	ACADEMIC REQUIREMENTS	OTHER REQUIREMENTS
A Level Geography	• Grade 6 in Geography • With Grade 5 or above in English Language	
A Level Geology	• Grades: 6, 5, 5 in separate sciences **OR** • Grades: 6, 5 in combined science • Grade 5 in Maths	
Health & Social Care BTEC National Diploma	A minimum of 5 GCSEs 9-4 including Grade 4 in English Language	However, students who do not meet the minimum requirements will be considered on an individual basis.
Health & Social Care BTEC National Extended Certificate	A minimum of 5 GCSEs 9-4 including Grade 4 in English Language	However, students who do not meet the minimum requirements will be considered on an individual basis. This course can be taken alongside two A Levels (providing the student meets Red Pathway requirements) or other BTEC courses on offer.
A Level History	• Grade 6 at GCSE in History • Grade 5 in English Language	• A desire to find out about the past • Enthusiasm for communicating ideas • Knowledge and passion for understanding
A Level Maths	• Grade 7 or above in Maths GCSE. Students who achieve a high Grade 6 *may* be considered on an individual basis.	Success in Maths also requires determination and commitment to complete all of the set work and ask for support. Competence and confidence in using algebra are essential.
A Level Media Studies	• Grade 6 in Media Studies GCSE • Grade 5 in English Language	However, please note you **do not need** GCSE Media Studies to study 'A' Level Media Studies. If you have got it, great! Otherwise we will look at your attainment in other subjects which require good analytical and communication skills, principally English. Students will be considered on an individual basis.

SUBJECT	ACADEMIC REQUIREMENTS	OTHER REQUIREMENTS
BTEC Level 3 Extended Certificate Creative Digital Media Production	A minimum of 5 GCSEs 9-4 including Grade 4 in English Language	However, students who do not meet the minimum requirements will be considered on an individual basis. A good understanding of ICT is also a necessity.
A Level French	• Grade 6 at GCSE in French • Grade 5 in English Language	
A Level German	• Grade 6 at GCSE in German • Grade 5 in English Language	
BTEC Level 3 Extended Certificate in Music Performance	A minimum of 5 GCSEs 9-4 including Grade 4 in English Language.	The ability to be able to play at least one instrument to a competent level.
A Level Physical Education	• Grade 6 in P.E. • Grade 5 in Biology or Combined Science	Please note that due to the practical nature of this subject, students will be considered on an individual basis, where they have the required grade in Biology/Combined Science, along with high level of achievement which can be evidenced at practical level, even if they have not taken the subject at GCSE.
BTEC Performing Arts Level 3 Extended Certificate	A minimum of 5 GCSEs 9-4 including Grade 4 in English Language.	• A creative mind • Some experience in the Performing Arts – either through studying Drama, Music or PE at GCSE or involvement in the Performing Arts outside of school • The ability to work as a team • Commitment to attending live performances
A Level Photography	Grade 6 in this subject for the Red Pathway Grade 6 is desirable for the Green Pathway	Please note that due to the practical nature of Photography, students will be considered on an individual basis where they can evidence high achievement at a practical level even if they have not taken the subject at GCSE.

SUBJECT	ACADEMIC REQUIREMENTS	OTHER REQUIREMENTS
A Level Physics	Grade 6 in Physics GCSE **Or** Grade 6 in Combined Science GCSE With Grade 6 or above in Maths GCSE	• It is recommended that students also study 'A' Level Maths
A Level Psychology	• Grade 6 or above in Maths and English Language GCSE.	Students who achieve below this *may* be considered on an individual basis.
BTEC Level 3 Cambridge Technical in Sport Physical Activity	A minimum of 5 GCSEs 9-4 including Grade 4 in English Language	However, students who do not meet the minimum requirements will be considered on an individual basis.

Hear what our students have to say...

All my teachers would happily spend their lunchtimes explaining a concept to anyone. Their doors are always open.

Alex Buck - Studying Maths, Further Maths and Physics.

I have thoroughly enjoyed studying Computer Science. The teachers are incredibly supportive and they have inspired me to continue the subject at University.

Lucy Williamson – Studying Computer Science, Combined English and Economics

The small class sizes mean you get a stronger relationship with your teachers. In addition, I have been on so many subject-related trips, such as to CERN in Switzerland.

Abi Towle – Studying Art, Maths, Further Maths and Physics.

The adult atmosphere allows you to feel independent and respected as a young adult.

Owen Aindow – Studying Media, Art and Law

There is a great supportive atmosphere. I love being taught by teachers who are passionate about their subjects.

Katie Thomas-Lee – Studying Biology, Further Maths, Maths and Physics

Range encapsulates a healthy balance between study and wider support.

Joe Conroy – Studying Theatre Studies, Combined English and History

FACULTY	WHAT'S HAPPENING IN MY SUBJECT?	STUDY SUPPORT
Maths	• Number Buddy Scheme (6th form students supporting lower school pupils) • National Cipher Challenge run by University of Southampton – code-breaking competition • UKMT Senior Maths Challenge • Problem-solving and STEP / AEA Preparation Day	• Open door policy offering one-to-one support at lunchtime
PE & Expressive Arts	• Southport Open Art exhibition • Southport Young Photographers competition • Arts Star • Wayfarers and Café d'Art exhibitions • Jolly Christmas Show • Christmas Card competition • Set design for the school production • Creative Council • Opportunities to become Creative Captains • Mentoring lower school pupils • Assisting with primary liaison • Social media Ambassadors • Arts Ambassadors • Liverpool art gallery visits • Creative events at Tate Liverpool • Art/Photography cultural visits to European cities e.g. Paris 2019 • PE trip to FA headquarters at St George's Park • PE 'A' level support - visit to Rugby School • Sixth Form netball team • Trip to Edge Hill University including for Sports Science taster sessions • Opportunities for Sixth Form students to run workshops for GCSE students • Theatre visits • Involvement in performing arts events	• Excellent facilities including the Creative Hub • Easter School A level PE revision sessions • One-to-one support for A level PE coursework • PE lunchtime and after school support sessions • PE revision day with Ross Howitt – textbook author and Chief Examiner • Help with auditions
Science	• Spectroscopy Lab Day at Liverpool University • "Engineering your Future" STEM trip • Science-related work experience opportunities • Medical careers workshops – Newcastle University at Range • Trip to CERN, Switzerland • Physics – Indoor Skydiving • University of Salford "Physics in Action" • Visiting speakers for Physics • Support with Nuffield Bursary applications	• A level Chemistry Clinic – Monday lunchtime, after school, study periods • A level exam workshops – Tuesday after school • Lunchtime drop-in sessions for Physics

Some of the opportunities that have been and are being, provided by Departments for Sixth Form students ...

FACULTY	WHAT'S HAPPENING IN MY SUBJECT?	STUDY SUPPORT
Business & Computing	• Off-site revision booster workshops • Visit to Jaguar Land Rover plant at Halewood • Student Investor Share Challenge • Visiting speaker from Bank of England (Monetary Policy Committee) • Business trip to New York	• After-school study support Monday, Tuesday and Thursday for Business BTEC, 'A' level and Economics • 1-2-1 programming coursework tutorials for A Level Computer Science • Drop-in code debugging sessions for A Level Computer Science • Pre-exam revision sessions for A Level Computer Science & BTEC IT • Easter School revision for A Level Computer Science
Design Technology	• Visit to Jaguar Land Rover plant at Halewood with Business Department • Opportunities to deliver lunchtime activities to younger pupils at "DT Club"	• Priority access to Design Technology workshops during study periods, lunchtime and after school • Tutorials from AQA examiners in exam technique • Easter School coursework support sessions
English & Media	• Theatre trips • Liverpool Hope University - English lecture series and sessions for Sixth Form students • York Film Festival • London Trip – BBC • TV production masterclass • Media trip to New York	• One-to-one support and after school support
Humanities	• "Rock around Liverpool" – a tour of the building materials for Liverpool City Centre • Fieldtrip to Silverdale • Trip to Coal Mining Museum – Wakefield • Fieldtrip to Hilbre Island and The Wirral • Trip to Iceland • Geography workshop – Edge Hill University • Health & Social Care - university study days • Health & Social Care - voluntary work e.g. in care homes • Auschwitz visit • Visit to Berlin in conjunction with German Department	• After school exam technique sessions – Geography • Psychology – "Make a Difference" lunchtime sessions
Languages	• Work experience opportunities abroad • University lectures and enrichment days where possible linked to set texts and films • Theatre visits • Opportunities to support and deliver lunchtime language clubs for lower school pupils • Visit to Berlin in conjunction with History Department	• Easter School A level revision sessions • One-to-one essay support sessions • A level oral exam preparation classes with a native speaker

A Level ART CRAFT & DESIGN

What can Art Craft & Design at Range Sixth Form offer me?

Range Sixth Form Art Department is made up of a number of well qualified, practising artists who can each offer their own specialist area of expertise.

You will work within a vibrant, stimulating environment, which has its own Gallery area. Students will also have the opportunity to work in our new Creative Hub, the Mac suite houses ten new Apple computers along with MacBook Airs. Our photographic editing resources support students to improve practice, promoting employability within the Arts.. You will also have access to a good range of specialist art materials and cameras.

The aim of the course is to extend your existing creative skills. You will also develop your ability to work independently and to communicate and express your ideas through a variety of visual skills.

The Art Department offers an open door policy to all Sixth Form Art students and you are welcome and encouraged to come into the Department and continue your studies outside of normal lesson times.

As part of the course you will also be given the experience of working with an experienced visiting Artist, viewing their original work first hand and taking part in a series of workshops delivered by the artist surrounding their own techniques and working practices.

Outside the classroom the Art Department also offers a wide variety of enrichment activities, including Liverpool gallery visits, a creative careers event at the Tate hosted by Liverpool City College, European city cultural visits and many more exciting opportunities. We also offer students a number of areas where they can become leaders within the Arts, such as Creative Captains of Range High School Creative Council, mentoring other students, assisting with primary lessons, becoming social media ambassadors and generally assisting to shape the Arts across the whole school.

What can I expect from Art Craft & Design at Range Sixth Form?

The course allows you to develop themes such as: the figure, natural forms, still life, landscape and location and issue based work. You will be taught by at least two specialist teachers and during workshop based lessons led by the Art Department, will be introduced to a variety of drawing and media techniques.

As well as participating in skill-based workshops and receiving regular one-to-one tutorials, you will have the flexibility to work independently and further extend your existing knowledge through the freedom of working in a wide range of disciplines including drawing, painting, printing, photography, textiles, sculpture and mixed media. Critical and contextual studies form an important part of your portfolio and you will explore the work of other artists, photographers or designers to use as an influence for your own work. As part of the requirements of the course your work will be presented in a portfolio and you will receive extra support in preparation for Art based interviews. In non contact time you are expected to be working in the Art Department for a minimum of 2 extra hours each week.

What are the Entry Requirements?

To be guaranteed a place on this course, which is available on both the Red and Green Pathway you need to meet the admissions criteria for Range Sixth Form with:

- Grade 6 in this subject for the Red Pathway
- Grade 6 is desirable for the Green Pathway
- Satisfactory academic and attitudinal references.

Please note that due to the practical nature of Art, students will be considered on an individual basis where they can evidence high achievement at a practical level, even if they have not taken the subject at GCSE.

Where can Art Craft & Design at Range Sixth Form take me?

This A Level is a vital course for anyone wishing to undertake an Art or Design based Career, and offers excellent preparation for both foundation studies and Art related degree courses.

The course is also an ideal choice for anyone as a third A Level as it is an accredited course for University entrance.

The course could also lead to a career in fashion, textile design, graphic design, interior design, gallery and museum work, architecture, illustration, product design, theatre and set design, advertising, animation, photography, television and film work, teacher, professional artist.

What have previous students of Art Craft & Design gone on to do?

Range Sixth Form Art Department has a 100% success rate for Art students gaining places on foundation courses.
All of our students who have undertaken a foundation course have gone on to successfully complete Degree courses and many currently have successful art based careers, working as far afield as London, Australia and America.
Range Sixth Form successes include careers in: advertising, creative design consultancy, cinematography, animation, film production, illustration, gallery curation, card design and Art teaching, as well as a large number of past art students who have become professional artists. Creative subjects are held in high regard by Universities and can be taken to demonstrate a breadth of knowledge and creative dexterity.

Art/Photography A Level students were offered the chance to visit Paris in October 2019

A Level PHOTOGRAPHY

What can Photography at Range Sixth Form offer me?

Range High School Art Department is made up of a number of well qualified, practising artists who can each offer their own specialist area of expertise.
You will work within a vibrant, stimulating environment, which has its own Gallery area. Students will also have the opportunity to work in our new Creative Hub, the Mac suite houses ten new Apple computers along with MacBook Airs. Our photographic editing resources support students to improve practice, promoting employability within the Arts. You will also have access to a good range of specialist art materials and cameras.
The aim of the course is to extend your existing digital photography and image manipulation skills. You will also develop your ability to work independently and to communicate and express your ideas creatively.

The Art Department offers an open door policy to all Sixth Form Photography students and you are welcome and encouraged to come into the Department and continue your studies outside of normal lesson times.

Outside the classroom the Art Department also offers a wide variety of enrichment activities, including Liverpool gallery visits, a creative careers event at the Tate hosted by Liverpool City College, European city cultural visits and many more exciting opportunities. We also offer students a number of areas where they can become leaders within the Arts, such as Creative Captains of Range High School Creative Council *(pictured below)*, mentoring other students, assisting with primary lessons, becoming social media ambassadors and generally assisting to shape the Arts across the whole school.

What can I expect from Photography at Range Sixth Form?

The course allows you to develop themes such as, the environment, portraits and the figure, natural forms, still life, landscape and location and issue based work. You will be taught by at least two experienced teachers and during workshop based lessons led by the Art Department, will be introduced to a variety of technical skills and Photoshop techniques.

As well as participating in skill based workshops and receiving regular one to one tutorials, you will have the flexibility to work independently and further extend your existing knowledge through the freedom of focusing on your own specific pathway.

Critical and contextual studies form an important part of your portfolio and you will explore the work of other photographers or artists to use as an influence for your own work.
As part of the requirements of the course your work will be presented in a series of sketchbooks, which will be accompanied by a technical book. You will receive extra support in preparation for Art based interviews.
In non contact time you are expected to be working in the Art Department for a minimum of 2 extra hours each week.

What are the Entry Requirements?

To be guaranteed a place on this course, which is available on both the Red and Green Pathway you need to meet the admissions criteria for Range Sixth Form with:

- Grade 6 in this subject for the Red Pathway
- Grade 6 is desirable for the Green Pathway
- Together with satisfactory academic and attitudinal references

Please note that due to the practical nature of Photography, students will be considered on an individual basis where they can evidence high achievement at a practical level even if they have not taken the subject at GCSE.

Where can Photography at Range take me?

Photography is the perfect accompaniment to the Art A Level course, especially for anyone wishing to undertake an Art or Design based Career, and offers excellent preparation for both foundation studies and Art related degree courses.

The course is also an ideal choice for anyone as a third A Level as it is an accredited course for University entrance.

Photography is a subject connected to a variety of careers, such as professional photography, work in the fashion industry, gallery and museum work, advertising and marketing, television and film work, journalism and teaching.

What have previous students of Photography gone on to do?

This is an exciting course with excellent results. We achieved well above the national average in 2019. Our students produce work of an impressive quality which opens many future career opportunities. Many students have gone on to further study, some students are now studying Animation, Photography, Media and Art courses.

Art and Photography A Level students were offered the chance to visit Paris in October 2019

A Level BIOLOGY

What can Biology at Range Sixth Form offer me?

A Level Biology at Range will give you an exciting insight into the contemporary world of Biology. It covers the key concepts of Biology and practical skills are integrated throughout the course. This combination of academic challenge and practical focus makes the prospect of studying A Level Biology highly appealing.
You will learn about the core concepts of Biology and about the impact of biological research and how it links to everyday life. You will learn to apply your knowledge, investigate and solve problems in a range of contexts.

Key features:

* Simple straightforward assessment through examinations
* Based on key concepts in Biology
* Opportunities to develop practical skills through a range of experiments and investigations.

What can I expect from Biology at Range Sixth Form?

You will become competent in:

- Following procedures
- Applying an investigative approach when using instruments and equipment
- Working safely
- Making and recording observations
- Researching, referencing and reporting

What are the Entry Requirements?

To be guaranteed a place on this course, which is available on the red pathway, you need to meet the admissions criteria for Range Sixth Form with:

- a minimum Grade 6 in GCSE Biology

OR

- a minimum Grade 6 in GCSE Combined Science
- Grade 6 or above in Maths GCSE
- satisfactory academic and attitudinal references

Where can Biology at Range take me?

A Level Biology at Range is an excellent base for a university degree in healthcare, such as Medicine, Veterinary Medicine or Dentistry, as well as Biological Sciences, such as Biochemistry, Molecular Biology or Forensic Science. Biology can also complement Sports Science, Psychology, Sociology and many more subject areas.

A level Biology at Range can open up a range of career opportunities including: biological research, medical, environmental, forensics, sports and science communication. The transferable skills you will learn, such as problem solving, are also useful for many other areas, such as Law.

Are you ...

- Aiming to be a doctor, nurse or vet?
- Thinking of a career in research?
- Interested in the environment and the world around you?
- A problem solver?
- Interested in Science?
- Keen on practical work?
- Studying other sciences or maths?

If so, A level Biology at Range is for you.

What have previous students of Biology gone on to do?

In recent years Biology students have been accepted onto the following courses:

Biology
Biochemistry
Biomedical Science
Chemical Engineering
Chemistry
Civil Engineering
Computing and PE
Dental Surgery
Economics
Environmental Geography
Forensic Psychology
Genetics
Geography
Marine Biology
Medical Genetics
Medical Microbiology
Medicine
Natural Sciences
Occupational Therapy
Ocean Science
Physiotherapy
Radiography
Veterinary Medicine

A Level BUSINESS STUDIES

What can Business Studies at Range offer me?

Business Studies offers you an invaluable insight into the wide world of work, from the point of view of a number of stakeholders such as entrepreneurs, managers and workers. You will be able to investigate real-life businesses and analyse the many reasons for their successes or failures.
The course will also give you opportunities to develop a wide variety of skills such as team work, communication and presentation techniques. In the applied context of business investigations you will also develop your abilities in decision-making and problem-solving.

How will I be Assessed?

Students will sit 3 exam papers, each 2 hours long, in the Summer of Year 13.

What can I expect from Business Studies at Range?

You will be part of a lively study environment where constant use is made of business examples and case studies to help students to develop their knowledge and understanding of key topics and issues. Use is made of visiting speakers and industrial visits (such as to Cadbury World) to enhance the curriculum.
Students are encouraged to conduct independent research and to form balanced judgements in relation to business issues and situations. Business students are also offered the opportunity to participate in the 'Student Investor Challenge', where they work in teams to develop a portfolio of investments using a 'virtual' £100,000.
Our students are well supported by our teaching staff throughout the course and we tend to be able to offer a greater degree of individual attention than the larger sixth form colleges. We also offer an excellent revision programme ahead of the exams. This includes opportunities to attend popular and well established external 'workshops' to broaden and extend knowledge and understanding of key topics.

"I took Business at GCSE and I am finding the A Level enjoyable. If you did not do the GCSE, you will still enjoy it and find it a useful subject."

"I decided to take A Level Business Studies in order to do something new and interesting."

What are the Entry Requirements?

To be *guaranteed a place on this course you need to meet the Admissions Criteria for Range Sixth Form (Red Pathway) with

Route 1:

- Grade 6 in Business Students GCSE
- Grade 6 in either English Language or Mathematics with grade 5 in the other subject

OR

Route 2:

- Grade 6 in English Language
- Grade 6 in Mathematics

where Business Studies has not been studied at GCSE.

*Students with Mathematics and English grades slightly below the requirements above will be considered on an individual basis.

Both routes require satisfactory academic and attitudinal references.

"I'm glad I picked a new subject to do at the beginning of Y12 – it's interesting and enjoyable."

Where can Business Studies at Range take me?

The applied nature of the 'A' level course provides an appropriate foundation for further study of Business Studies or related subjects in higher education. Business related courses are wide ranging, from Accountancy to Business Law and from European Marketing to International Relations. Elements of Business are also to be found in degree courses including Engineering, Science, Foreign Languages and Art and Design .

Business students on board a plane during a visit to Manchester Airport!

"It relates to business in the 'Real World' – it's worth taking the subject."

"I'm really glad I took A Level Business Studies, it's one of my favourite subjects."

What have previous Business Studies students gone on to do?

Our students go on to study a wide range of business-related degrees at university, including Business Management, Business and Accountancy, Marketing Management, Advertising and Human Resource Management. Past students have also progressed to Business Apprenticeship and Trainee Management Schemes.

BTEC Business/A-LEVEL students at Jaguar Land Rover's production site earlier this year

BUSINESS BTEC Level 3 National Diploma

(2 'A' Level equivalent)

What can the Business BTEC at Range offer me?

This course offers you the opportunity to study businesses in a highly practical, work-related manner, as everything you will do is related to 'real-life' business contexts. The qualification that you will gain is equivalent to 2 A-Levels. You will learn in a largely 'active manner' by completing projects and assignments that are based on realistic workplace situations and activities. You will learn about the structure, purpose and strategies relating to various businesses and cover a broad range of business topics such as 'marketing', 'recruitment', 'business finance' and 'managing a business event'.

Much work is project based, using a range of internally and externally assessed assignments. There is also an exam-based unit exploring business and personal finance.

What can I expect from the Business BTEC at Range?

BTEC students are guided and supported to develop the knowledge, understanding, personal skills and attributes essential for successful performance in working life and higher education. Students are strongly encouraged to conduct their independent research to a very high level and to form well supported views and opinions on a wide range of business topics.

You will be able to benefit from workplace visits and visiting speakers throughout the course. Our recent and current students have enjoyed visits to Waitrose and Jaguar LandRover and talked to visiting speakers from Bosch and Well Red Magazine. Our BTEC students are also offered the opportunity to participate in the 'Student Investor Challenge', where they work in teams to develop a portfolio of investments using a 'virtual' £100,000.

Our BTEC students report that they really enjoy having a lot of control over their own learning as they are able to choose which businesses they will focus on when completing much of their project work.

Students do need to be well organised and to be able to conduct indepth research into key concepts and business case study examples.

Students are very well supported by our teaching staff throughout the course and benefit from a high degree of individual attention as they develop their study skills and assignment work.

"You get to talk to business people and find out what they do and how their businesses work."

What are the entry requirements?

For BTEC Business you will need to meet the admissions criteria for the Green Pathway and should have satisfactory academic and attitudinal references.

"There are opportunities to develop your work to a very high level - but you need to put in a lot of work to get there!."

Where can the Business BTEC at Range take me?

This course provides solid and varied business knowledge and is good preparation for a variety of business careers. Students will find themselves prepared to enter a range of professions including financial services, sales and retailing, office administration, accounting, banking, etc.

As detailed above, this course is also well regarded by universities and provides the necessary entry requirements for a wide range of higher education courses including HNDs and degrees.

BTEC Business/A-LEVEL students at Jaguar Land Rover's production site

"The Business BTEC course helps you to understand how to manage your time and balance your studies with your outside life, something which is useful in the working world. It gives you time to improve your work and skills. It teaches independent learning skills, which are transferable to other subjects and areas of life ."

"You learn a lot about how 'real' businesses work - not just case studies."

A Level CHEMISTRY

What can Chemistry at Range offer me?

Chemistry at Range is taught by highly qualified staff who are committed to their students' success. The pass rate for A level Chemistry is consistently 100%.

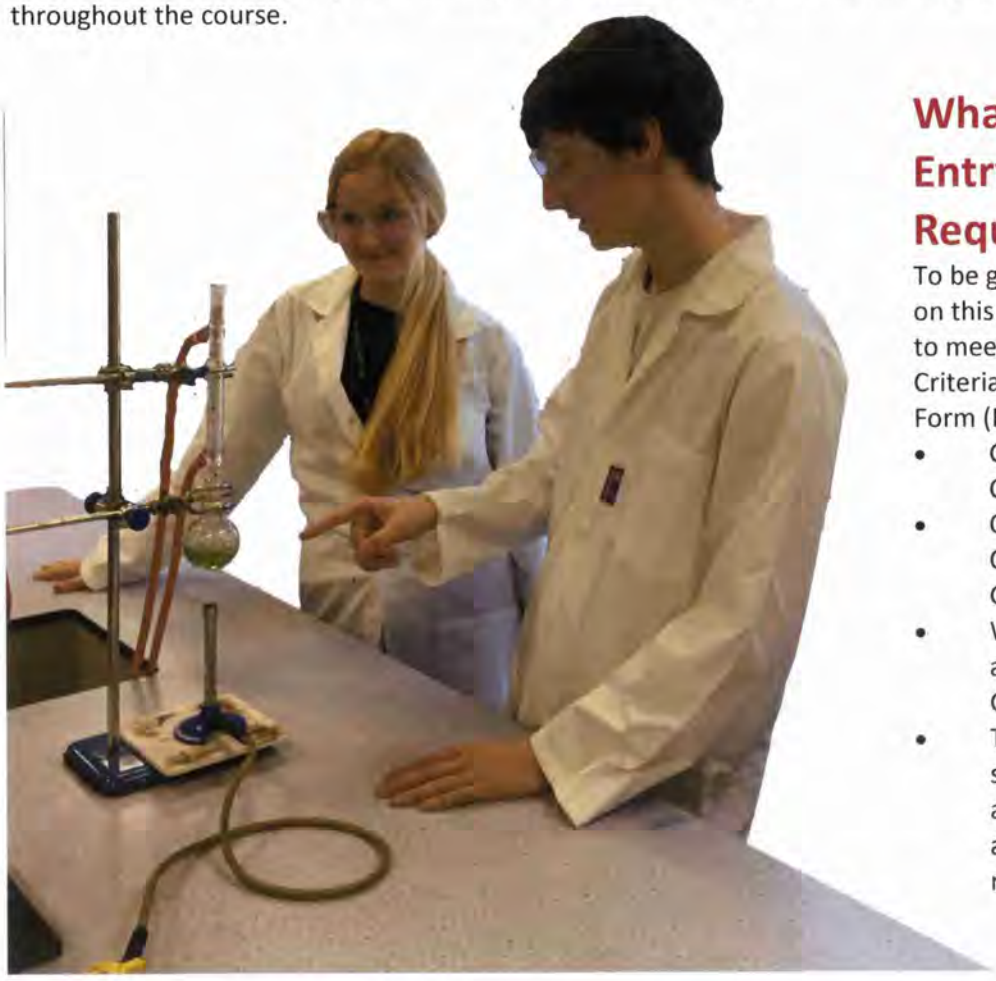
We have links with local universities through Schools Lab. and activities such as the Young Analyst Competition. Gifted and talented students are given the opportunity to enter the Chemistry Olympiad which is organised by the Royal Society of Chemistry.

What can I expect from Chemistry at Range?

By studying Chemistry at Range you will develop knowledge of the three major branches of Chemistry (physical, inorganic and organic) in a logical sequence of topics, progressing from GCSE through to A level.

Physical Chemistry:- attempts to discover the general patterns in the behaviour of matter, summarise the patterns in the form of laws and then tries to explain them by means of theories.
Organic Chemistry:- the study of carbon compounds, which are used to make a vast range of useful products including polymers, pharmaceuticals, and fuels.
Inorganic Chemistry, the study of the remaining metallic and non-metallic elements.

Chemistry is essentially a practical subject and you will expand and develop your practical skills throughout the course.



What are the Entry Requirements?

To be guaranteed a place on this course you need to meet the Admissions Criteria for Range Sixth Form (Red Pathway) with:

- Grade 6 in Chemistry GCSE
- Or Grade 6 in Combined Science GCSE
- With Grade 6 or above in Maths GCSE
- Together with satisfactory academic and attitudinal references

Where can Chemistry at Range take me?

The study of A Level Chemistry is an excellent choice for people who want a wide range of career opportunities. It is essential for entry onto degree courses such as Medicine, Dentistry, Pharmacy, Biochemistry and Chemistry itself. Also, the skills developed during the course are recognised as being useful in careers such as Accountancy, Banking and Law.

From the moment you are born, and throughout your life, you are surrounded by chemistry – in the air you breathe, the food you eat and the clothes you wear. Chemistry is the study of substances; what they are made of, how they interact and what role they play in living things.

So whether you want to:

- care for penguin colonies in Antarctica or
- work in a dynamic business environment

a chemical science qualification can take you almost anywhere in the world.

As a chemist you could:

- make medicines to fight cancer and AIDS
- develop exciting new ice cream flavours
- create new make-up and hair products
- design marketing campaigns
- make new materials for computers and mobile phones
- protect the environment
- design materials for new aircraft

From research in space to the depths of the world's oceans, chemists are involved in almost every area of life.

Quite simply, chemistry not only helps you understand the world, it also opens up a world of opportunities!

What have previous students of Chemistry gone on to do?

Previous students of Chemistry have gone on to study a wide range of degrees at university, including Medicine, Dentistry, Chemical Engineering, Pharmacy, Geology, Zoology, Engineering, Biological Sciences and Chemistry with Industrial Experience.

Sixth Form Chemists attend an NMR and Spectroscopy 'Lab' day at Liverpool University - March 2019

A Level Computer Science

What can Computer Science offer me at Range Sixth Form?

Being part of a Maths and Computing specialism, Range High school sees Computer Science as a very important subject. The Computer Science department achieves high levels of academic success at A level. Therefore, you know that this is a department that will really push you to achieve your absolute best.

In August 2019, the department achieved the following results:

- **Overall** - 56% Grade A, 78% Grades A-B, 100% Grades A-C
- **Unit 1** - 22% Grade A, 56% Grades A-B, 89% Grades A-C
- **Unit 2** - 67% Grades A*-A, 78% Grades A-B, 100% Grades A-C
- **Unit 3** - 78% Grades A*-A, 89% Grades A-B, 100% Grades A-C

Stunning 2019 Results!!
Progress made by Computer Science students was within the top 10% of all centres nationally.

The department has 5 computer suites that are dedicated to the teaching of the subject. Each room is fitted with the latest technology and has a range of software installed. The department has created extensive up-to-date resources which aid the delivery of this course. All resources are available on the school VLE for students to use. The department also offers a strong support package for students who may find certain topics difficult.

What can I expect from Computer Science at Range?

The department offers **OCR GCE Computer Science (H446).** Students gain:

- Valuable thinking and programming skills that are extremely attractive in the modern workplace.
- A deep understanding of problem solving and experience in creating logical and efficient solutions.
- The ability to write down solutions to problems for other people to understand.
- A good grounding in mainstream computing theory and understanding.

This is a rewarding qualification. There is a practical element developing a program for a real life company. Students will be required to analyse, design, develop, test and evaluate a program.

The majority of the course is spent covering the theoretical aspects of Computer Science requiring students to have motivation and strong academic enthusiasm. A lot of time will be spent preparing students for exams and students are regularly tested and given feedback.

As well as teaching the knowledge of Computer Science needed to sit the exams, the department will also develop students' examination technique allowing them to achieve even higher marks. The course has a 'Stretch and Challenge' component built into it for gifted students.

What are the Entry Requirements?

- **Grade 6** or above in **GCSE Computer Science.**
- **Grade 5** or above in **GCSE Maths.**

AND

- Positive **attitudinal and academic references.**
- Ability to **show resilience.**

"I have found studying A Level Computer Science very interesting so far, as it has linked well from GCSE Computer Science, which I also enjoyed very much." Matthew Strong, Previous Y13 Student, Nov 2018

"I chose this subject because I really enjoyed the subject at GCSE and I achieved a high grade in my exams. I also feel that it is good to have knowledge of Computer Science since today's technologies are always updating and changing. I also feel that this course will aid me in my future ambitions, since I am looking to do something technology-related at university. The teachers also offer a lot of support to us, and make the lessons engaging and interesting." Lucy Williamson, Current Y13 Student, Nov 2019

How will I be assessed?

Learners must take three components. 80% of the qualification is assessed externally and 20% is assessed internally. On completion of the qualification pass grades are awarded at A*- E.

Unit	Description	Assessment / Weighting
Unit 1 Computer Systems	This unit will cover: • Structure, function and types of processors • Input, output & storage • Systems & applications generation and software development • Types of programming language • Compression, encryption and hashing • Databases • Networks / Web technologies • Data types / structures • Boolean algebra • Computing related legislation • Moral and ethical issues	Written Exam 140 Marks 2 Hours 30 Minutes 40% of A Level
Unit 2 Algorithms and Programming	This unit will cover: • Thinking abstractly • Thinking ahead • Thinking procedurally • Thinking logically • Thinking concurrently • Programming techniques • Computational methods • Algorithms	Written Exam 140 Marks 2 Hours 30 Minutes 40% of A Level
Unit 3 Programming Project	You will put together a portfolio and will: • Analyse a problem • Design a solution • Develop a solution • Test the solution • Evaluate the solution	Non-Exam Assessment 70 Marks 20% of A Level

Where can Computer Science take me?

The course provides an ideal foundation for students who want to pursue Computer Science or ICT at undergraduate degree level or for students who wish to be employed in the Computer Science industry. It also gives students the skills and knowledge which can be used in all areas of work such as software development or robotic engineering.

What have previous students gone to do?

Previous students have gone off to study the subject at degree level:

- BSc (Hons) Computing/Computer Science
- BSc (Hons) Computing/Computer Science (Games Programming)
- BSc (Hons) Computing/Computer Science (Software Architect)
- BSc (Hons) Computing/Computer Science (Networking, Security and Forensics)
- BSc (Hons) Robotic Engineering
- BSc (Hons) Information Technology Management for Business
- BSc (Hons) Information Communication Technology
- BSc (Hons) Information Communication Technology (Data Analyst)

"I chose this subject because it is an essential part of today's society and Computer Science is involved in almost every aspect in our lives. I greatly enjoyed the GCSE course and the grade I received helped me to make the decision to take it for A-Level. Although I'm not sure what I would like to do in the future, I am confident in the fact that it'll prove useful to show off during interviews or rewarding if I decide to pursue a career in it." Isabella Hatch, Current Y13 Student, Nov 2019

"Taking this subject at A Level seemed daunting at first however the resources and materials that the teachers have provided has helped me to understand each topic by breaking them down into smaller sections. I feel that because of this and the quality of teaching, I will be successful in my studies." George Hanneghan, Previous Y13 Student, Nov 2018

"Feedback in lessons and regular tests provide helpful information to help me improve. This is useful because there is a lot of content that needs to be covered and this helps to break each topic down." Peter Lane, Previous Y13 Student, Nov 2018

BTEC Level 3 Information Technology
BTEC National Extended Certificate (1 'A' Level Equivalent)

What can BTEC IT offer me at Range Sixth Form?

Being part of a Maths and Computing specialism, Range Sixth Form sees IT as a very important subject. The IT department achieves high levels of academic success for BTEC IT. Therefore you know that this is a department that will really push you to achieve your absolute best.

The department has 5 computer suites that are dedicated to the teaching of the subject. Each room is fitted with the latest technology and has a range of software applications installed.

The department has created extensive up-to-date resources which aid the delivery of this course. All resources are available on the school VLE for students to use. The department also offers a very strong support package for students who find certain topics difficult.

Stunning 2018 and 2019 Results!!
Progress made by students was within the top 10% of all centres nationally.

What can I expect from BTEC IT at Range?

This course is designed for students who are interested in an introduction to the study of creating IT systems to manage and share information alongside other fields of study, with a view to progressing to a wide range of higher education courses, not necessarily in IT. Learners will develop a common core of IT knowledge and study areas such as the relationship between hardware and software that form an IT system, managing and processing data to support business needs and using IT to communicate and share information.

Choosing to study a BTEC Level 3 qualification is a great decision to make for lots of reasons. It is great for students who want to develop their knowledge of IT but with a more 'hands on' approach. For the majority of the course, students will be completing assignments during class time. Students will be given teacher input to develop their subject knowledge around the assignments and then students are expected to work independently.

Part of the course will be spent covering the theory aspects surrounding IT and this knowledge will be tested by an external exam. This subject is ideal to take alongside **BTEC Media, BTEC Business Studies or BTEC Health and Social Care**. We also have students who take this qualification alongside other A Levels, including A Level Computer Science.

What are the Entry Requirements?

To be guaranteed a place on this course you need to meet the admissions criteria for Range High School Sixth Form Green Pathway , together with satisfactory academic and attitudinal references.

"I have enjoyed my time in this department. My biggest strength is coursework so the heavy coursework aspect is very helpful as I can accomplish these with greater success. The quality of teaching and support are very high and they have really developed my knowledge. The class is always a friendly space which makes me look forward to each lesson."
Previous Year 13 Student

How will I be assessed?

You will be assessed by a number of internal assignments that are designed and marked by your tutor at Range and by taking exams . The assignments will be designed to allow you to show your understanding of the units. Your tutor will tell you precisely what form your assessment will take, but it could be in the form of:

- A written report
- An information booklet
- An observation by your tutor

On completion of the qualification you could be awarded a **Distinction*, Distinction, Merit or Pass**. The table below outlines units that you will study.

Name	Description	Assessment
Unit 1 Information Technology Systems	Learners study the role of computer systems and the implications of their use in personal and professional situations. You will learn about: • Digital devices in IT systems • Transmitting data • Operating online • Protecting data and information • Impact of IT systems • Issues surrounding IT **YOU ARE ALLOWED TO RESIT THIS UNIT TWICE.**	**External Exam** **90 Marks** **Worth 33% the qualification**
Unit 2 Creating Systems to Manage Information	Learners study the design, creation, testing and evaluation of a relational database system to manage information. You will learn: • The purpose and structure of relational database management systems • Standard methods and techniques to design relational database solutions • Creating a relation database structure • Evaluating a database development project **YOU ARE ALLOWED TO RESIT THIS UNIT TWICE.**	**External Task Based Assessment** **66 Marks** **Worth 25%the qualification**
Unit 3 Using Social Media in Business	Learners explore how businesses use social media to promote their products and services. Learners also implement social media activities in a business to meet requirements. You will: • Explore the impact of social media on the ways in which businesses promote their products and services • Develop a plan to use social media in a business to meet requirements • Implement the use of social media in a business **YOU ARE ALLOWED TO RESUBMIT / RESIT THIS UNIT ONCE.**	**2 Internal Assignments** **90 Hours** **Worth 25% the qualification**
Unit 6 Website Development	Learners investigate website development principles. They will design and develop a website using scripting languages. You will: • Understand the principles of website development • Design a website to meet client requirements • Develop a website to meet client requirements **YOU ARE ALLOWED TO RESUBMIT / RESIT THIS UNIT ONCE.**	**2 Internal Assignments** **60 Hours** **Worth 17% the qualification**

Where can this subject at Range take me?

This qualification would be a further step towards an undergraduate degree or a career in the IT/Computing industry. BTEC Level 3 is a vocational qualification. This does not mean that it will give you all the skills you need to do a job, but it does mean that you will have the opportunity to gain specific knowledge, understanding and skills that are relevant to your future career.

"This course has been very enjoyable. The course specification is taught very well and in a way which I can easily digest the information. There is a friendly environment in the classroom which helps us learn better."
(Previous Year 13 Student)

What have previous students gone on to do?

Previous students have gone on to study at degree level including:

- BSc (Hons) Information Communication Technology
- BSc (Hons) Information Technology Management for Business
- BSc (Hons) Computing/Computer Science
- BSc (Hons) Computing/Computer Science (Games Programming)
- BSc (Hons) Computing/Computer Science (Security and Forensics)
- BSc (Hons) Robotic Engineering

"This course has set me up for university because it has taught me valuable skills such as team working and time management."
(Previous Year 13 Student)

A Level D&T: Product Design

What can DT: Product Design at Range offer me?

Product Design involves learning about the design, engineering and manufacture of a range of products made from a wide variety of materials. It is a challenging course that uses new technology and encourages you to work creatively. The course allows you to experience what it is like to work on real life design projects and develop a product for a client.

Throughout the course you will take ownership of your project work and learning which will help develop your skills to be an effective designer , engineer or manager.

"The work we did on materials and design put me at an advantage over many other students on my university course."

What can I expect from Product Design at Range?

You will develop and enhance the skills you developed in GCSE Design & Technology, Engineering or Art. You will experiment with various modelling and construction techniques and have the opportunity to use CAD/CAM (Computer Aided Design / Computer Aided Manufacture) technology to match your project work to your career aims or areas of interest. You will refine and improve your analytical and graphical skills. You will be able to take advantage of our facilities to work independently and we have the capacity for you to continue with your design and make work during study periods.

You will learn about the design and manufacture of products by creating and making your own product from a wide selection of materials. You will understand why products like the I-Pod, the Coca Cola bottle and Mini Cooper have become design classics. You will study the work of commercial and contemporary designers, as well as finding out how designers are responding to global issues such as poverty and sustainable design, allowing you to develop the skills to be a designer, architect or engineer and make the first step to a rewarding career.

Product Design also combines well with a range of other subjects to support your progression into other careers. The skills involved in Product Design go well with a broad selection of subjects from Maths & Sciences to Media. Computing or Business students wishing to apply for either the Red or the Green Pathway, are encouraged to opt for this subject.

What are the Entry Requirements for Product Design?

To be guaranteed a place on this course, which is available on both the red and green pathways, you need to meet the Admissions Criteria for Range High School Sixth Form. In addition, the normal entry requirements for Product Design are:

- Grade 6 in Design & Technology OR 6 in Art or Photography

However, please note that due to the practical nature of Product Design, students WILL BE considered on an individual basis where they can evidence high achievement at a practical level, even if they do not meet the above requirements. ***It is worth discussing alternative entry options with a member of the Design and Technology Faculty.***

Examples of A level Coursework

"Design and Technology is a phenomenally important subject. Logical, creative and practical, it's the only opportunity students have to apply what they learn in Maths and Science – directly preparing them for a career in engineering."

Sir James Dyson, Founder and Chairman of Dyson and Patron to the D&T Association

Where can Product Design take me?

A Level Product Design is suitable for students wishing to enter university courses or careers in Engineering, Civil Engineering, Architecture, Product Design and Graphic Design.

The course also supports progression onto other careers and courses such as Art, Business, Management and Media.

"After being part of this Department for 7 years I can happily say that I've enjoyed it! I would strongly suggest you consider Design Technology at A level. It builds your team working ability, presentational skills and practical skills! Not many departments are able to do this but Design Technology has definitely done it for me!"

What have previous students of Product Design gone on to do?

Students have gone on to study, or start apprenticeships in, Engineering, Civil Engineering, Product Design, Art , Computer Animation and Teacher Training at a wide variety of Universities including Brunel.

A Level Drama

What can Drama at Range offer me?

At Range, you will:

- Work in a supportive environment where you will be encouraged to achieve your best.
- Be able to develop your theoretical and practical skills in a variety of areas.
- Have the opportunity to take part in a variety of enrichment activities such as; theatre visits, workshops, performing for an audience and working with younger pupils.

What can I expect from Drama at Range?

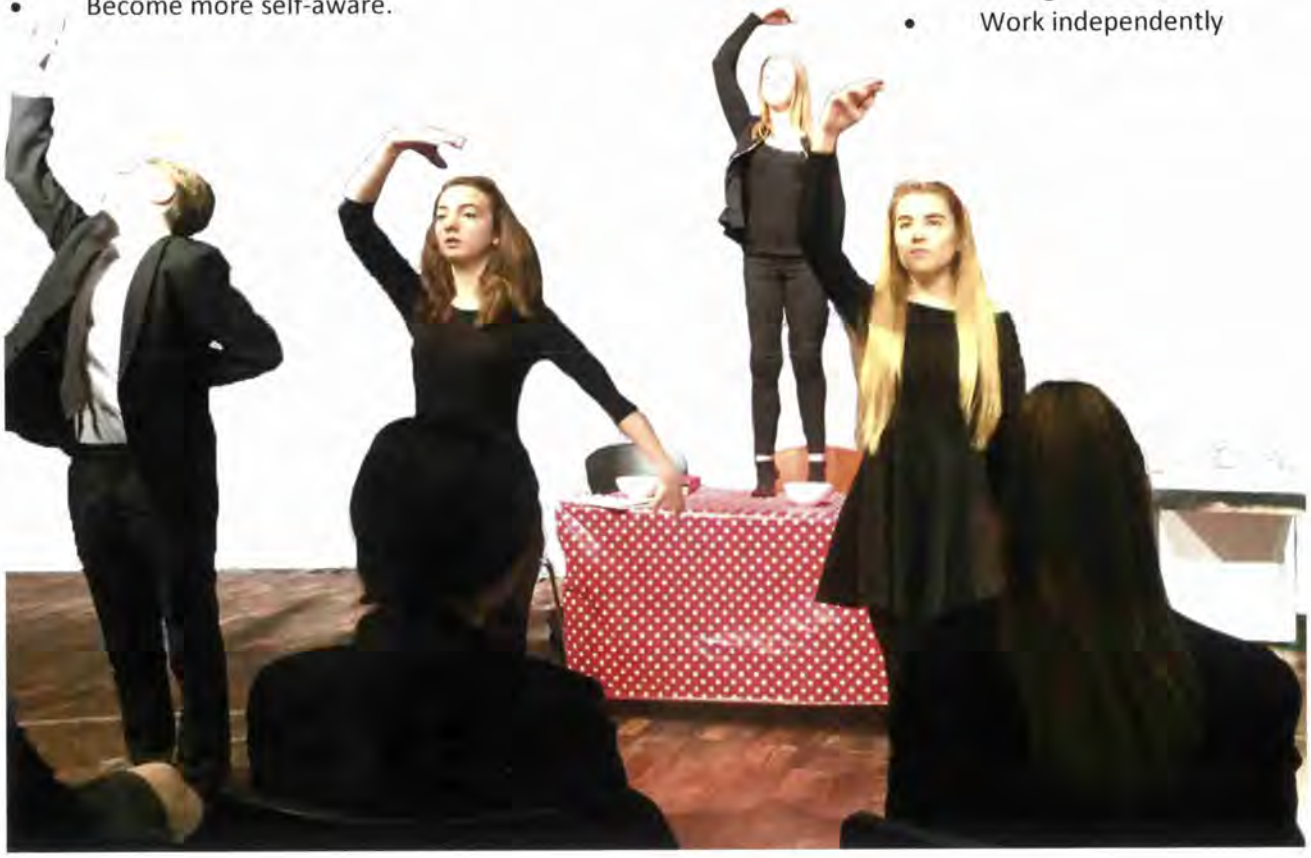
The course will develop practical, creative and communication skills in equal measure. You will extend your ability to create drama and theatre, either in a performing or production role. You will develop your powers of analysis and interpretation to become an informed critic.

The course develops your skills in three main areas:
1) Theoretical: Appreciation of live theatre, text analysis, knowledge and understanding of theatrical practitioners, techniques and conventions.
2) Practical: Creating original drama and documenting the process; exploring, performing and reflecting upon a variety of texts.
3) Transferable skills: Creativity, team work, sensitivity, organisation, communication and confidence.
4) Personal skills:
The course aims to help promote students' ability to:

- Work as a team
- Reach deadlines
- Be creative
- Share ideas
- Improve confidence
- Become more self-aware.

You will be expected to:

- Work hard
- Attend extra curricular visits/ rehearsals
- Work as part of a team
- Be organised
- Work independently



Students sit Component 1, their written exam, at the end of Year 13
How it is assessed
Written exam: 3 hours
Open book
80 marks
40% of A-level

Students will complete Component 2 at the end of Year 12
How it is assessed
Working notebook (40 marks)
Devised performance (20 marks)
60 marks in total
30% of A-level

Students will perform their Component 3 towards the end of Year 13
How it is assessed
Study of 3 play extracts
Performance of extract 3 (40 marks)
Reflective report on all 3 extracts (20 marks)
60 marks in total
30% of A-level

"Drama A Level enables you to work independently."

"Drama A Level develops your life skills."

"The teachers get to know us really well. We can ask for help if we need it."

What are the Entry Requirements?

To be guaranteed a place on this course, which is available on both the red and green pathways, you need to meet the Admissions Criteria for Range Sixth Form for your chosen pathway with:

- Grade 6 in Drama and Grade 5 in English Language, together with satisfactory academic and attitudinal references

Please note that due to the practical nature of Drama, students will be considered on an individual basis where they have the required grade in English Language along with a high level of achievement which can be evidenced at a practical level, even if they have not taken the subject at GCSE.

Where can Drama at Range take me?

The course can lead to further study of Drama as it builds confidence, communication and presentation skills. It will also be of use in a wide range of careers including law, teaching, design, public relations, writing and many more.

More and more employers and universities are looking for students to show creativity and self-discipline. This course will allow you to demonstrate your ability to do this.

What have previous students of Drama gone on to do?

- Professional playwright
- Theatre lighting technician
- Professional actor
- Degree in Performing Arts
- Musical Theatre Degree
- Primary school teaching

Many students have gone on to work in the public sector industry.

Previous students after their performance

A Level Economics

What can Economics at Range offer me?

Studying Economics helps you to understand many of the big and puzzling questions facing the UK and the world today, such as:

- What can be done to improve the prospects for the UK economy?
- Why is high inflation a problem?
- Should all education and healthcare be provided free of charge?
- Are premier league footballers overpaid?

Economics is therefore likely to be of particular interest to students who are curious about topical issues and current affairs. The subject has a great deal of 'real-world' relevance which is regularly explored as part of our varied and stimulating study programme.

Economics is an ideal course for the inquisitive student who has an ability to think logically. Throughout the course, students are guided to problem-solving, to analyse important issues and to challenge established viewpoints and theories.

What are the Entry Requirements?

To be *guaranteed a place on this course you need to meet the Admissions Criteria for Range Sixth Form (Red Pathway) with

- Minimum of Grade 6 in English Language and Mathematics
- Satisfactory academic and attitudinal references

*Students with grades slightly below the above will be considered on an individual basis.

Satisfactory academic and attitudinal references are required.

"Economic issues are central to the understanding of the real world. Taking the subject allows you to make a thorough consideration of current economic issues and problems."

"It's taken a little while – but things are beginning to really click into place now."

What can I expect from Economics at Range?

The Economics A level course provides students with a firm and broad understanding of how economies work; how our scarce resources are allocated and how the decisions relating to their allocation affect us all.

In a lively and highly interactive study environment, students will learn about issues that affect the whole economy (macro) and those that affect various aspects of the economy such as businesses or individuals (micro). Within the course students will gain an in-depth understanding of how the laws of supply and demand work and of the many influences (including government influences) upon their interaction. Students approach the subject of economics from both a UK and a global perspective.

As we progress through the course, students are encouraged to conduct independent investigations and to form well justified opinions on a range of economic issues. A variety of extra-curricular opportunities are available to our students. In Y12, students are encouraged to participate in the 'Student Investor Challenge' and in Y13 they have an opportunity to take part in events such as meeting visiting speakers from the Bank of England.

Our students are well supported by our teaching staff throughout the course and we tend to be able to offer a greater degree of individual attention than the larger sixth form colleges. We also offer an excellent revision programme ahead of the exams. This includes opportunities to attend popular and well established external 'workshops' to broaden and extend knowledge and understanding of key topics.

The course is assessed through three 2 hour papers at the end of the second year.

"Good new subject – you'll like it if you enjoy using theory to make sense of our economy."

Where can Economics at Range take me?

The applied nature of the A level course provides an appropriate foundation for further study of Economics or related subjects in higher education. Higher education courses may focus on Economics or combine it as a significant component with one or more other subjects.

Economics related courses could be as diverse as Transport Management to Economic History. Mathematical Economics or Econometrics is another option that may be followed.

What have previous Economics students gone on to do?

Previous students have used their Economics 'A' Level to help them to access a range of university degree courses including Economics, Economics and Mathematics, Economics with a Year in Industry and Mechanical Engineering. Past students have also progressed to study a range of Business-related degree courses.

Students meeting a visiting speaker from the Bank of England last year.

A Level ENGLISH LITERATURE

What can English Literature at Range offer me?

Studying English Literature at A-level offers you the opportunity to combine your love of reading and analytical writing with a rigorous and increasingly independent study of a wide range of literary texts. There is also an opportunity to develop your love of creative writing by producing a re-creative piece for your non-examined assessment.

It will offer you entry into a vibrant teaching and learning community and the chance to engage in critical debate with your peers and with our well-qualified, experienced and forward-thinking staff.

This, in turn, equips you to fulfil your potential and achieve excellent results in examinations.

English is the most adaptable of subjects; whatever you are planning to study at university, whatever career you intend to follow, A-level English will help. It is a subject which enhances your ability to communicate with others but, perhaps more importantly, to understand them. Whether you are aiming for law, medicine or fashion design, you will need to connect with others.

What can I expect from English Literature at Range?

Of course, at its most basic level, English is about the analysis of texts – and these texts include poetry, drama and prose, ranging from Shakespeare, to novels and plays published in recent years. During your study of English literature, you will look at the texts through a literary lens and study aspects of tragedy and the genre of crime writing . You will be taught to also look at your texts from a critical perspective, applying a variety of different critical approaches.

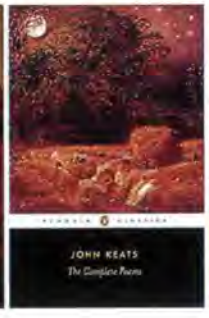
You will explore some of the following themes over the two years (this is not an exhaustive list):

- Tragic characters: tragic heroes; villains and intrigues; victims; foils; public or domestic tragedy
- Tragic themes: flaws; pride and folly; discovery; power of human emotion and futility; fate and inevitability
- How tragedy affects the audience, acting as a commentary on the real world in which the audience live
- Types of crime: petty crime right through to serious crimes of passion
- Types of criminals, their actions and motives
- Detection, investigation, justice and punishment

Theory that you will discover and apply to set texts and texts selected by you for your theory and independence include:

- Narrative theory
- Feminist theory
- Marxist theory
- Eco-critical theory
- Post-colonial theory
- Literary value and the canon.

Learning literary and dramatic terminology will help you express your ideas about literary themes with greater precision. This will not only enhance your appreciation of how different authors utilise form and techniques to create different effects, it will heighten your appreciation of the text being studied. It is important that you learn to develop coherent lines of argument. One of the most important things about studying this course in the Sixth Form is that you will have the time to argue, discuss and think about the written word in a more sustained, penetrating way than is possible at GCSE. Where possible, we will endeavour to take you to see the texts in performance and access literary lectures to equip you with the skills and knowledge to be successful.



AQA
A-LEVEL ENGLISH LITERATURE B

What are the Entry Requirements?

To be guaranteed a place on this course, you will need to meet the admissions criteria for Range Sixth Form (Red Pathway) with:

- Grade 6 or above in GCSE English Literature
- Satisfactory academic and attitudinal references

Where can English at Range take me?

- The sky's the limit! This qualification is well-recognised and respected by university admissions tutors. It can lead to further studies in a wide range of academic areas.
- The critical, evaluative and organisational skills that this subject demands, transfer well to other subject areas and allow applicants to degree courses to present themselves as informed, engaged and perceptive individuals.
- English graduates find that their degrees open up a wide range of careers (for example in the media, law, teaching or journalism) or opportunities for continued study on post-degree courses.

What have previous students of English gone on to do?

Former students secured places on degree courses ranging from English literature to Television and Radio, from Modern Languages to Law, and from Early Years Teaching to Creative Writing. They go on to study subjects as diverse as Philosophy, Media, Geography - and even Diagnostic Radiography! Many Range High School English students go on to achieve excellent degrees from prestigious universities, which can lead to further academic studies or enhance prospects in today's increasingly competitive job market.

Range Sixth Form Debating Team was crowned the national 'Debating Matters' Champions 2018 last year. The team is made up almost exclusively of English Language and Literature A Level students.

EXTENDED PROJECT QUALIFICATION (EPQ)

What can EPQ at Range offer me?

The EPQ is usually taken in Year 12 but may be taken in Year 13, subject to timetabling. The EPQ is an additional qualification which requires students to study largely independently but with some support from school. Its main strength is that it helps students to develop the skills needed for Sixth Form and university study. Additionally, it is recognised and valued by universities and sometimes included in university offers.

What can I expect from EPQ at Range?

Students follow a taught programme which includes both classroom and online learning. The taught programme helps students to develop a range of research and study skills which they then use to complete an outcome in the form of a dissertation, report or artefact on their chosen subject. Each student is allocated a supervisor (staff member) to support him or her through the process. Students also keep a reflective log of their learning and give a presentation of their findings at the end of the process.

What are the Entry Requirements?

Students' suitability will be discussed on an individual basis. A good work ethic is essential.

How will I be assessed?

Assessment is through a portfolio which includes students' reflective logs, their project outcome and their presentation notes.

Where can EPQ at Range take me?

The EPQ enables students to develop and demonstrate independence and initiative. It is welcomed by universities but also assists students to gain key employability skills.

What have previous students of EPQ gone on to do?

Previous students have gone on to university to study or train in:
Nursing, Teaching, Medicine, Genetics, History, Media and a variety of other subjects.

What do previous students think?

"The Extended Project is a brilliant way to inject your own interests into your work, so there is a guarantee of enthusiasm and engagement, and can demonstrate your independent prowess, something that universities will find appealing - it's one of the best advantages on offer."
EPQ student

"Extended Project has helped me to develop my research skills which are vital for university life, other skills include my presentation skills which are very important for later life also. It is also very attractive to universities, helping you gain that edge that can make the difference in terms of you going to the choice that you want."
EPQ student

"The Extended Project Qualification gives you a chance to research and write about any subject that you want. Not only does it allow you to learn more or to write something that you're passionate about, it can appeal to universities if it links into the subject you are applying for. Even if the subject of your EPQ is not related to the university course that you're applying for it can replace a lower grade. This is a great opportunity not to be missed."
EPQ student

"The Extended project gives you a chance to take your interest in a subject further, as you have control of your topic and how you will structure your project. It gives you a great opportunity to develop your research and essay writing skills, which will be invaluable once you leave school."
EPQ student

What do EPQ Supervisors think?

"I enjoy supervising students on the Extended Project Qualification as it gives me an opportunity to engage in dialogue at a high intellectual level with our students and support them to work in a manner similar to that required at university."
EPQ supervisor

"As students are doing original research it is intellectually stimulating and I enjoy learning about the subject as much as the students."
EPQ supervisor

A Level French

What can French at Range offer me?

A successful department that is well resourced and has a 100% pass rate A*- B. You will be taught by well-qualified and experienced staff.

The aim of the Languages Faculty is to encourage you to:

- Develop an interest in, and an enthusiasm for, language learning.
- Develop understanding of French in a variety of contexts and genres.
- Communicate confidently, clearly and effectively in French for a range of purposes.
- Develop awareness and understanding of the contemporary society, cultural background and heritage of Francophone countries or communities.
- Consider your study of French in a broader context.

The course aims to enable you to:

- Derive enjoyment and benefit from language learning.
- Acquire knowledge, skills and understanding for practical use, further study and/or employment.
- Communicate with speakers of French
- Take your place in a multilingual, global society.

What can I expect from French at Range?

During the course students will have access to a wide range of authentic materials to improve and deepen their knowledge of the language. The study of a variety of topics will encourage the development of all four language skills (listening, speaking, reading, writing) and will involve the use of video and DVD recordings, newspapers, magazines, websites and a wealth of recorded material. In addition, students are strongly advised to use the multi media facility during their free periods and after school hours to access supplementary exercises and authentic material. It is hoped that students will therefore benefit from a stimulating course which develops intellectual skills and independent learning enabling them to use a foreign language for the purpose of practical communication.

You will be able to:

- Take part in work experience in France
- Access on-line language learning resources
- Practise and improve your speaking skills with native French speakers in one-to-one sessions
- Work with lower school pupils as part of the enrichment programme

French Students on Work Experience in Rouen, France

What are the Entry Requirements?

To be guaranteed a place on this course, you will need to meet the admissions criteria for Range Sixth Form (Red Pathway) with:

- Grade 6 at GCSE in French
- Grade 5 in English Language
- Satisfactory academic and attitudinal references

"Studying French at Range 6th form is a great opportunity to gain a really in-depth knowledge of not only the language itself, but its origins and linguistics. There is plenty of support from all the teachers."

Where can French at Range take me?

The study of French combines well with many other subjects and a qualification in languages can enhance future employment prospects and careers. Linguists are the second most employable graduate category after medics. Studying a foreign language can lead to work in International Business, Law, Management, Marketing, Publishing, Journalism, Trade and Commerce, Travel and Tourism, Translating, Media and Teaching. Many other courses, such as Business and Computing, Media Studies, English, Maths and Law have foreign language components.

"The French classes at Range are small, which allows for much more personalised teaching and learning and above all we are always supported by our teachers, they are always there to help us even at weekends and in the holidays! The work is challenging and we are always pushed to do the best we can, achieving great results at the end of the year!"

What have previous MFL students gone on to do?

Modern Languages at University of Newcastle

French at University of Leeds

Combined Honours including French at University of Liverpool

French & Italian at University of Leeds

French and German at UCL

A Level German

What can German at Range offer me?

A successful department that is well resourced. You will be taught by well-qualified and experienced staff.

The aim of the German Department is to encourage you to:

- Develop an interest in, and an enthusiasm for learning German.
- Develop understanding of the language in a variety of contexts and genres.
- Communicate confidently, clearly and effectively in German for a range of purposes.
- Develop awareness and understanding of the contemporary society, cultural background and heritage of countries or communities where German is spoken.
- Consider your study of German in a broader context.

The course aims to enable you to:

- Derive enjoyment and benefit from language learning.
- Acquire knowledge, skills and understanding for practical use, further study and/or employment.
- Communicate with speakers of the language.
- Take your place in a multilingual, global society.

What can I expect from learning German at Range?

During the course students will have access to a wide range of authentic materials to improve and deepen their knowledge of German. The study of a variety of topics will encourage the development of all four language skills (listening, speaking, reading, writing) and will involve the use of video and DVD recordings, newspapers, magazines, websites and a wealth of recorded material. In addition, students are strongly advised to use the multi media facility during their free periods and after school hours to access supplementary exercises and authentic material. It is hoped that students will therefore benefit from a stimulating course which develops intellectual skills and independent learning enabling them to use a foreign language for the purpose of practical communication.

You will be able to:

- Take part in work experience in Germany
- Access on-line language learning resources
- Practise and improve your speaking skills with native speakers in one-to-one sessions
- Work with lower school pupils as part of the enrichment programme

Sixth Form Students on Work Experience in Aachen, Germany

What are the Entry Requirements?

To be guaranteed a place on this course, you will need to meet the admissions criteria for Range Sixth Form (Red Pathway) with:

- Grade 6 at GCSE in German
- Grade 5 in English Language
- Satisfactory academic and attitudinal references

"Since starting German in Year 7, my interest in it has only increased. The German department is extremely helpful, offering a range of support, including one-to-one sessions with native speakers. The small class size also allows for individualised teaching."

Where can German at Range take me?

The study of languages combines well with many other subjects and a qualification in languages can enhance future employment prospects and careers. Linguists are the second most employable graduate category after medics. Studying a foreign language can lead to work in International Business, Law, Management, Marketing, Publishing, Journalism, Trade and Commerce, Travel and Tourism, Translating, Media and Teaching. Many other courses, such as Business and Computing, Media Studies, English, Maths and Law have foreign language components.

The A level German course offers an in-depth study of the German language and the cultures of German speaking countries. Many of the topics covered are current, and therefore very relevant to today's society. They are also diverse, meaning there is something of interest for everyone. Although challenging, learning German in a very rewarding process.

What have previous MFL students gone on to do?

Modern Languages at University of Newcastle

French and German at UCL

German at Manchester University

Employment as German Speaking Sales assistant

Sixth Form Students on Work Experience in Aachen, Germany

A Level GEOGRAPHY

What can Geography at Range offer me?

The Geography A Level reflects Geography's important role in examining the big global issues such as climate change, conflict and resources. You will learn about events that are in the news now. You will develop lots of new skills that will be valuable in the job market. For example, you will learn how to investigate a problem or issue from a variety of different angles and practise important decision making. Above all, you will appreciate that "Geography Matters!"

Geography students completing their fieldwork study

What can I expect from Geography at Range?

You will be taught by genuinely enthusiastic teachers. We like to travel and explore the world too! Each teacher in the Department intends to develop a relaxed working relationship with each student. Being valued as an individual, yet being challenged academically, allows your real potential to emerge. The Department is well resourced and well organised, will encourage the development of your study skills, and will help you to take responsibility for your own learning. You will also get numerous chances to go on trips and develop your fieldwork skills including triops abroad to Iceland and Italy.

"I took Geography at GCSE and I decided to continue the subject to A level because I enjoyed it that much. We only started the course recently and we have already been on two fieldwork trips! You are given lots of opportunities to enhance your learning."

Geography A level students were offered the chance to visit Iceland in March 2018

What are the Entry Requirements?

To be guaranteed a place on this course you will need to meet the Admissions Criteria for Range Sixth Form (Red Pathway) with:

- Grade 6 in Geography
- Grade 5 in English Language
- Satisfactory academic and attitudinal references

"Geography gives you the opportunity to explore and discover the world further. I have learnt lots of new skills which will be very useful in a future career."

Where can Geography at Range take me?

There are many career paths that Geography can take you on including urban planning, environmental management, cartography, tourism management, GIS programming and climatology. However, even if you do not take Geography past A-level, Geography is a subject that teaches students a wide-range of useful skills for the marketplace or further education. Employers and universities value the wide-ranging computer, research, problem solving and analytical skills that Geography students bring to work as employees.

"I chose Geography for A level because I enjoyed the population topic at GCSE and I wanted to learn more about it. I also liked the fact that it ties in with a lot of other subjects that I was also thinking of taking at A level such as Biology."

"I also take Geology alongside Geography which complement each other well. I have always liked Geography taking particular interest in the Physical side learning about volcanoes, cold environments and rivers."

What have previous Geography students gone on to do?

Earth and Environmental Science at Lancaster

Geography and Sports Science at Loughborough

Geography at Manchester

Geography and Economics at Lancaster

Geo-environmental Hazards at Edge Hill

A Level GEOLOGY

What can Geology at Range offer me?

Geology is an exciting and rapidly expanding subject which offers the opportunity to study a range of geological processes that operate at and below the Earth's surface. As part of your studies you will study rocks, minerals and fossils as basic evidence of geological study, events past and present at the surface of the Earth; the processes that have created the present pattern of continents and oceans and the formation of economic deposits of metals and energy resources.

What can I expect from Geology at Range?

The course covers topics such as :

- Development of practical skills in geology including a minimum of 4 days fieldwork
- Minerals and rocks
- Fossils and time
- Earth structure
- Plate tectonics
- Geological structures
- Sedimentary environments and time
- Geochronology
- Applied sedimentology
- Fluids and geological processes
- Igneous petrology
- Metamorphic petrology
- Mining geology
- Geohazards
- Engineering geology
- Basin analysis

"Geology is the most interesting subject I've taken and I am thoroughly enjoying it! Its not a subject I initially thought about taking but I am glad I did as it goes hand in hand with Geography A level."

You will be taught by experienced members of staff in a friendly and supportive environment. As Geology is a 'hands on' subject and much time is spent using samples of rocks, fossils and geological maps, the course will give you opportunities to take part in learning outside the classroom on fieldtrips and other relevant visits.

Year 13 Geologists on their Trip to British Coalmining Museum, West Yorkshire

"I have enjoyed studying Geology because although it is a new subject it connects well to Geography so it is easy to grasp and I am happy that I took it."

What are the Entry Requirements?

To be guaranteed a place on this course, you will need to meet the admissions criteria for Range Sixth Form (Red Pathway) with:

- Grades: 6, 5, 5 in separate sciences

OR

- Grades: 6, 5 in combined science
- Grade 5 in Maths
- Satisfactory academic and attitudinal references

The format of lessons is really fun and informative allowing you to get to know the people in your class. Don't be put off because it is a brand new subject; it's great!"

Where can Geology at Range take me?

There is a worldwide shortage of qualified geologists at the moment and therefore the opportunities open to geologists are exciting. Students who study Geology at University can go on to careers in mineral exploration and mining, hazard prediction and management, mapping and surveying, engineering and the energy industry, hydrogeology and water resources.

"I have always preferred the physical side of Geography and Geology has given me the chance to look deeper into the physical world, looking at processes and what causes them. I hope to go on to University next year to study Geology."

"Geology is an interesting, scientific subject that leads to good careers. Many jobs are available related to Geology. I find Geology more straightforward than my other science A levels."

What have previous students of Geology gone on to do?

A very high proportion of Geology students at Range choose to continue their studies further at degree level and go on to study the subject at University. Students have gone on to study a wide variety of courses including Economics, History, Business Management, Architecture.

Geology A level students were offered the chance to visit Iceland in March 2018

HEALTH & SOCIAL CARE
BTEC National Diploma
(2 'A' Level Equivalent)

What can Health and Social Care at Range offer me?

Health and Social Care is an applied subject which means that theory is linked to practice both through case study work and the opportunity to partake in a work placement. Health and Social Care is a broad based course which provides knowledge and understanding of a wide range of client groups within the contexts of healthcare and social care. It provides insight into these ever-changing sectors and is therefore useful both for those considering a career in care and those interested in working with people in any context.

What can I expect from Health & Social Care at Range?

Students take four units in Year 12 and four in Year 13

Unit 1: Human Lifespan Development (exam)

Students consider physical, intellectual, emotional and social development across the life stages and the different factors which may affect this development.

Unit 2: Working in Health and Social Care (exam)

Students explore what it is like to work in the health and social care sector, including the roles and responsibilities of workers and organisations.

Unit 4: Enquiries into Current Research in Health and Social Care (controlled assessment).

Students explore the methodologies of contemporary research and investigate the implications for health and social care practice and services.

Unit 5: Meeting Individual Care and Support Needs coursework)

Students focus on the principles and practicalities that underpin meeting individuals' care and support needs, which are the foundation of all the care disciplines.

Unit 7: Principles of Safe Practice in Health and Social Care (coursework)

Students explore the importance of safe working practices, safeguarding procedures and responding to emergency situations in health and social care settings.

Unit 8: Promoting Public Health (coursework)

Students explore the aims of public health policy and the current approaches to promoting and protecting health and encouraging behaviour change in the population.

Unit 12: Supporting individuals with additional needs

Students explore the role of health and social care services in providing care and support to individuals with additional needs.

Unit 14: Physiological Disorders and their Care (coursework)

Students explore types of physiological disorders, the procedures for diagnosis, and the development of a treatment plan and provision of support for service users.

What are the Entry Requirements?

To be guaranteed a place on this course you need to meet the admissions criteria for Range Sixth Form Green Pathway together with satisfactory academic and attitudinal references.

How will I be assessed?

Assessment is through a combination of written exam and coursework. Due to the applied nature of the course, examination questions are largely case study based.

Where can Health & Social Care at Range take me?

Health and Social Care is excellent preparation for a career or further study in healthcare, allied health professions and social care but is also useful for those considering degree level study in a variety of subjects due to the independent study skills which the course promotes. Those interested in employment in human resources, retail and many other sectors would also benefit from the understanding of people and society which the course provides.

What have previous students of Health & Social Care gone on to do?

Previous students have gone on to university to study or train in:
Nursing (Adult, Children's and Mental Health branches), Midwifery, Occupational Therapy, Diagnostic Radiography, Psychology, Early Childhood Studies, Child Health and Wellbeing and *Education.*

"I had always known that I would love to work within the health service, and study in Health and Social Care allowed me to explore a range of jobs and different aspects of healthcare. It definitely gave me a strong platform to stand on when I applied for Occupational Therapy at university, and even now I still draw on knowledge that I learnt on the course."

Anna Baines, a former Health and Social Care student, achieved a first class honours degree in Occupational Therapy from the University of Salford, and is now employed as an Occupational Therapist.

HEALTH & SOCIAL CARE
BTEC National Extended Certificate
(1 'A' Level Equivalent)

What can Health and Social Care at Range offer me?

Health and Social Care is an applied subject which means that theory is linked to practice both through case study work and the opportunity to partake in a work placement. Health and Social Care is a broad based course which provides knowledge and understanding of a wide range of client groups within the contexts of healthcare and social care. It provides insight into these ever-changing sectors and is therefore useful both for those considering a career in care and those interested in working with people in any context.

What can I expect from Health & Social Care at Range?

Students take four units in Year 12 and four in Year 13

Unit 1: Human Lifespan Development (exam)

Students consider physical, intellectual, emotional and social development across the life stages and the different factors which may affect this development.

Unit 2: Working in Health and Social Care (exam)

Students explore what it is like to work in the health and social care sector, including the roles and responsibilities of workers and organisations.

Unit 5: Meeting Individual Care and Support Needs (coursework)

Students focus on the principles and practicalities that underpin meeting individuals' care and support needs, which are the foundation of all the care disciplines.

Unit 12: Supporting individuals with additional needs

Students explore the role of health and social care services in providing care and support to individuals with additional needs.

What are the Entry Requirements?

To be guaranteed a place on this course you need to meet the admissions criteria for Range Sixth Form Green Pathway together with satisfactory academic and attitudinal references. This course can be taken alongside two A Levels (providing the student meets Red Pathway requirements) or other BTEC courses on offer..

How will I be assessed?

Assessment is through a combination of written exam and coursework. Due to the applied nature of the course, examination questions are largely case study based.

Where can Health & Social Care at Range take me?

Health and Social Care is excellent preparation for a career or further study in healthcare, allied health professions and social care but is also useful for those considering degree level study in a variety of subjects due to the independent study skills which the course promotes. BTEC Health and Social Care taken in conjunction with BTEC Business is particularly relevant for students wishing to pursue degree level study in Healthcare Management, Human Resources Management or Business Psychology. Those interested in employment in human resources, retail and many other sectors would also benefit from the understanding of people and society which the course provides.

What have previous students of Health & Social Care gone on to do?

Previous students have gone on to university to study or train in:
Nursing (Adult, Children's and Mental Health branches), Midwifery, Occupational Therapy, Diagnostic Radiography, Psychology, Early Childhood Studies, Child Health and Wellbeing and *Education*.

"I had always known that I would love to work within the health service, and study in Health and Social Care allowed me to explore a range of jobs and different aspects of healthcare. It definitely gave me a strong platform to stand on when I applied for Occupational Therapy at university, and even now I still draw on knowledge that I learnt on the course."

Anna Baines, a former Health and Social Care student, achieved a first class honours degree in Occupational Therapy from the University of Salford, and is now employed as an Occupational Therapist.

A Level HISTORY

What can History at Range offer me?

- High quality teaching.
- Support and Intervention to aid progress towards target grade.
- Excellent examination results.
- Experienced, enthusiastic and committed teachers.
- Study visits to enrich the curriculum.

The course offers the opportunity to study different aspects of 15th - 17th and 20th Century History. Students will have the chance to research and complete a coursework question provided by the Examination Board.

Unit 1: Democracy and Dictatorships in Germany 1919-1963
Unit 2: Britain 1900-1951
Unit 3: Rebellion and Disorder under the Tudors 1485 - 1603
Unit 4: Topic based essay

History can be combined effectively with a number of other subjects including Economics, English

What can I expect from History at Range?

History will provide you with the following:

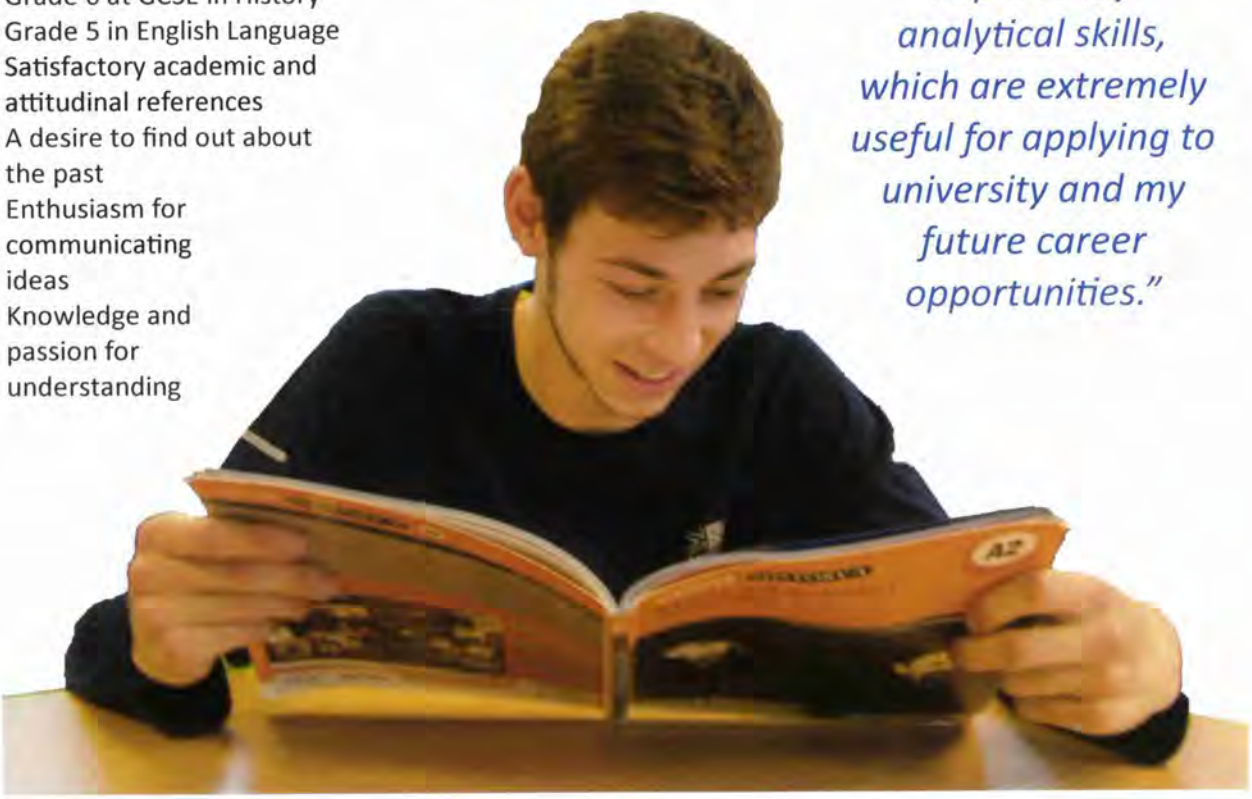
- Variety of opportunities to cater for different learning styles.
- Debate, discussion, presentations, independent research, projects, and analysis of sources.
- Transferable skills that can be used in other subjects and settings post Sixth Form.

What are the Entry Requirements?

To be guaranteed a place on this course, you will need to meet the admissions criteria for Range Sixth Form (Red Pathway) with:

- Grade 6 at GCSE in History
- Grade 5 in English Language
- Satisfactory academic and attitudinal references
- A desire to find out about the past
- Enthusiasm for communicating ideas
- Knowledge and passion for understanding

"History has really helped me to improve my analytical skills, which are extremely useful for applying to university and my future career opportunities."



"History has helped me to understand the history of the world and the effects it has had on the present day, whilst providing skills that can be carried over to the future."

Where can History at Range take me?

With a qualification in History you could go on to Higher Education, not just to study History, but any one of the many Arts and Social Science courses available. With or without a degree, you can use a History qualification to work in a great variety of jobs in business and administration, the police service, law, journalism and the media (as well as the more obvious careers like teaching or working in museums and libraries).

History equips you to study a range of different subjects or apply for many different employment opportunities.

"History helps you develop a wide range of skills that will help you in the future. History repeats itself, and if we don't look at the past, we can't learn for the future."

What have previous History students gone on to do?

Previous History students have gone on to study a variety of different subjects at university, including Law, Economics, English, Marketing & Business, American & Canadian Literature, History & Culture.

Earlier this year, A level History students had the opportunity to visit Berlin

BTEC Level 3 Extended Certificate Creative Digital Media Production (1 'A' Level Equivalent)

What can Creative Digital Media Production: Digital Publishing BTEC at Range offer me?

- A supportive, caring and purposeful environment
- Experienced, specialist teachers to deliver each component of the BTEC specification
- Access to the digital equipment and software used in industry, including ICT suites equipped with all of the software needed to complete the practical components of the course.
- Enrichment activities including the chance to work on a range of productions.
- Outside links to industry such as: BBC at Media City; Hope University; Liverpool John Moore's University; Liverpool Echo and many more.

What can I expect from Creative Digital Media Production: Digital Publishing at Range?

This is a relatively new BTEC qualification run by the Media department. Despite its title as a BTEC qualification you will develop analytical skills alongside skills in design and production. This Level 3 Extended Certificate is the equivalent to 1 A-level. It is a vocational and industry focused course which is designed to give students a specialist understanding of the world of Digital Production

The course will look at the following areas of study:

- Media Representations (Mandatory and externally assessed)
- Media Pre-Production (Mandatory)
- Responding to a commission (Mandatory and externally assessed)

What are the Entry Requirements?

For Creative Digital Media Production: Digital Publishing you need to meet the requirements for the Green Pathway, and should have satisfactory academic and attitudinal references. A good understanding of ICT is also a necessity.

Where can Creative Digital Media Production: Digital Publishing at Range take me?

The examination board has put this qualification together by working closely with the Digital Media Production industry alongside Universities offering related courses. They have identified the skills acquired through this qualification as essential or desirable to their industry or courses. With this in mind this course provides students with the skills needed to either, go straight into employment within the Digital Media Production industry or continue on to a further programme of study through apprenticeship or Higher Education

What have previous students of Creative Digital Media Production: Digital Publishing BTEC gone on to do?

Previous Media and ICT BTEC students have been successful and gone on to a wide range of Higher Education courses including in the following areas:

TV and Film Production, Journalism, Fashion Design, Marketing, Fine Art, Graphic Design, Communication Technology, Information Technology Management for Business, Computing/ Computer Science, Games Programming and Networking, Security and Forensics.

BTEC Media students pictured with a visiting stills photographer from the BBC.

A Level MEDIA STUDIES

What can Media Studies at Range offer me?

- A supportive, caring and purposeful learning environment
- Experienced, specialist teachers to deliver each component of the A-Level Specification
- Digital video production equipment, including ICT suites equipped with video editing software, enabling students to produce high quality practical work
- Enrichment activities including the chance to work on a range of productions.
- Outside visits to the media industry such as the BBC at Media City in Salford, Hope University, York Short Film Festival and many more.

What can I expect from Media Studies at Range?

You will make connections between different media forms and products, between media products and their contexts both historical and political and between theory and practical work.

You will engage with a range of rich and stimulating media forms and products from a range of historical and geographical locations identifying their significance to their audiences and their place in society.

The course comprises of:
2 examinations: **70%** of the entire qualification will be dependent on the results from your examinations. They will cover the theoretical framework of Media analysis:
Media Language: how the media use forms, codes, conventions to communicate meanings
Representation: how the media portray events, issues, individuals and social groups and why.
Industries: how the media industries' processes of production, distribution and circulation affect media forms and platforms.
Audiences: how media forms target, reach and address audiences and how audiences interpret and respond to them, as well as how members of audiences become producers themselves.

Coursework Folder:
1 Cross-media production in two forms for an intended audience which makes up the additional 30% of the qualification. A yearly brief will be set by the Examination Board to be completed in Year 13.

What are the Entry Requirements?

If you have studied Media Studies at GCSE, to be guaranteed a place on this course you need to meet the admissions criteria for the Red Pathway together with:

- Grade 6 in Media Studies GCSE
- Grade 5 in English Language
- Satisfactory academic and attitudinal references.

However, please note you **do not need** GCSE Media Studies to study 'A' Level Media Studies. If you have got it, great! Otherwise we will look at your attainment in other subjects which require good analytical and communication skills, principally English. Students will be considered on an individual basis.

Where can Media Studies at Range take me?

Media Studies is a popular and growing area of Higher Education. There is a wide and varied range of Media courses available at Colleges and Universities beyond Sixth Form. These include Film Studies, Journalism, Film and TV Production, Web Design, Graphic Design, Video Game Design, and much, much more! With the introduction of a study into the political and social setting of texts the course will begin to explore core principles of Politics and Sociology degrees. Media Studies will also equip you with transferable skills such as inference, historical and political analysis, communication and independence. Key critical thinking skills will also be learnt which will help with problem solving in all areas of study.

What have previous students of Media Studies gone on to do?

Some of our former students are now working in the media, in areas such TV and Film Production and Journalism. In addition to this, our students have gone on to study most subjects you can think of! These include English Language and Literature, History, Law, Fashion Design and Marketing, Fine Art, Graphic Design, Business Studies, Law and Politics, Primary and Secondary Education and Modern Foreign Languages.

BTEC Performing Arts
Level 3 Extended Certificate

What can BTEC Performing Arts at Range offer me?

This course is delivered over 2 years and is the equivalent to 1 A level.

What can I expect from BTEC Performing Arts at Range?

There are 4 units in total.

Pupils will take part in a variety of Dance and Drama and Musical Theatre workshops as well as conducting independent research. Units are as follows:

Unit 1: Investigating Practitioners' work - Written Unit - externally set

In this unit, you will develop skills that allow you to investigate the work of influential performing arts practitioners. You will identify the contextual factors that influence their work and critically analyse key information, such as creative intentions, performance, production and repertoire in order to develop and communicate independent judgements. To complete the assessment tasks within this unit, you will need to draw on your learning from across your programme.

This unit will give you skills in research, critical analysis and extended writing that will support your progress to higher education. As a performing arts practitioner you will need to have a good understanding of the work of influential practitioners to inform your own work and professional practice.

Possible Practitioners to study are: Christopher Bruce, Bob Fosse, Frantic Assembly, Bertolt Brecht, Konstantin Stanislavski

In this Unit you will:

A. Research **at least 2** of the prescribed practitioners.
B. Prepare and research a response to an externally set theme in relation to selected practitioners
C. Apply that research by writing a detailed response to externally set questions. (Written exam 3 hours long)

Unit 2 – Developing skills and techniques for Live Performance - Practical and written – internally set

This unit serves as an induction to the performing arts where you will develop the appropriate skills and techniques in one or more of the performance disciplines of acting, dance, musical theatre, physical theatre. You will participate in regular workshops, classes and exercises where you will acquire, practise and develop the necessary technical, practical and interpretative performance skills to help you succeed when performing live to an audience. You will consider the nature, skills and attributes of the performer's role in your chosen discipline. You will work with existing performance works, analysing and interpreting the material in order to understand and apply the relevant skills and techniques appropriate to the style. In practical classes you will demonstrate the discipline, focus and commitment the role of the performer requires. Ongoing review and evaluation will allow you to monitor your progress and set targets for the development of your performance skills.

Unit 2 (continued)
In this unit you will:
A Understand the role and skills of a performer
B Develop performance skills and techniques for live performance
C Apply performance skills and techniques in selected styles
D Review and reflect on development of skills and techniques for live performance.

Unit 3 – Group Performance Workshop – Practical and written – externally set
In this unit, you will learn how to respond to a given stimulus as part of a group, using research, discussion and practical exploration to develop performance material and later present an informal presentation of the work to an invited audience. As a member of a team, you will contribute to the creative development and rehearsal process, shaping and refining the work and applying performance and teamwork skills. You will share responsibility for creative decisions regarding the nature and direction of the intended performance, and your individual contribution will reflect on your own skills through the group's interests and ideas. The workshop performance will be an opportunity to try out the work before an audience to invite discussion and evaluation of its potential. The work may be in a single discipline or combine elements of dance, acting, musical theatre and variety. You will reflect on the development process, considering the success and potential of the work for further development, as well as evaluating your own contribution to the process and the product. To complete the assessment tasks within this unit, you will need to draw on your learning from across your programme.

Unit 4 – Option – Practical and written – Internally set
Pupils can choose one from a range of options to develop their knowledge and skills in a specific area. They complete both practical and written work relating to their chosen specification.
Options may include:

- Jazz Dance Technique
- Street Dance Technique
- Contemporary Dance Technique
- Interpreting Classical Text for performance
- Improvisation
- Movement in Performance
- Musical Theatre Techniques

What are the Entry Requirements?

To be guaranteed a place on this course, you will need to meet the admissions criteria for Range Sixth Form (Green pathway) with:

- Grade 4 or above in English Language
- A creative mind
- Some experience in the Performing Arts – either through studying Drama, Music or PE at GCSE or involvement in the Performing Arts outside of school
- The ability to work as a team
- Commitment to attending live performances
- Satisfactory academic and attitudinal references

For further information see Mrs Grace or Miss Bassett

Where can BTEC Performing Arts at Range take me?

All BTEC Nationals provide transferable knowledge and skills that prepare learners for progression to university. The transferable skills that universities value include:

- the ability to learn independently
- the ability to research actively and methodically
- the ability to give presentations and be active group members.

BTEC learners can also benefit from opportunities for deep learning where they are able to make connections among units and select areas of interest for detailed study. BTEC Nationals provide a vocational context in which learners can develop the knowledge and skills required for particular degree courses, including:

- reading technical texts
- effective writing
- analytical skills
- creative development
- preparation for assessment methods used at degree level

A Level MATHS

What can Maths at Range Sixth Form offer me?

Maths is a highly regarded and enjoyable A Level. The problem solving nature of A Level Maths provides a rigorous academic basis which makes it a sought after qualification for a wide variety of university courses and careers. This subject can offer you:

- A committed, experienced, well qualified and supportive staff.
- A good A Level pass rate.

Opportunities to:-

- Enter competitions, such as the Senior Maths Challenge.
- Attend university taster days.

What can I expect from Maths at Range Sixth Form?

Following on from the changes to the GCSE, September 2017 saw the introduction of the new A Level in Maths.
The new A Level is linear in structure which means that all the content will be examined at the end of the course. All students will be assessed on areas of Pure Maths, Mechanics and Statistics as detailed below:

Pure Maths

- Proof
- Algebra and Functions
- Coordinate Geometry
- Sequences and Series
- Trigonometry
- Exponentials and Logarithms
- Differentiation
- Integration
- Numerical Methods
- Vectors

Mechanics

- Quantities and Units in Mechanics
- Kinematics
- Forces and Newton's Laws
- Moments

Statistics

- Statistical Sampling
- Data Presentation and Interpretation
- Probability
- Statistical Distributions
- Statistical Hypothesis Testing

The course will encourage students to:

- Understand mathematics and mathematical processes in a way that promotes confidence, fosters enjoyment and provides a strong foundation for progress to further study.
- Understand coherence and progression in mathematics and how different areas of mathematics are connected.
- Apply mathematics in other fields of study and be aware of the relevance of mathematics to the world of work and to situations in society in general.
- Use their mathematical knowledge to reason logically, make deductions and inferences and draw conclusions as well as recognise incorrect reasoning.

The course will encourage students to (continued):

- Generalise mathematically and to construct mathematical proofs.
- Use and extend their range of mathematical skills and techniques to solve problems which require them to decide on the solution strategy.
- Represent situations mathematically, draw diagrams and sketch graphs to help explore mathematical situations and interpret solutions.
- Interpret solutions and communicate their interpretation effectively in the context of the problem.
- Use technology such as calculators and computers effectively and recognise when such use may be inappropriate.
- Take increasing responsibility for their own learning and the evaluation of their own mathematical development .

What are the Entry Requirements?

To be guaranteed a place on this course you need to meet the Admissions Criteria for the Red Pathway together with:

- Grade 7 or above in Maths GCSE. Students who achieve a high Grade 6 *may* be considered on an individual basis.
- Satisfactory academic and attitudinal references.

Success in Maths also requires determination and commitment to complete all of the set work and ask for support.

Competence and confidence in using algebra are essential.

Where can Maths at Range take me?

As well as being a subject which can be studied in its own right, Maths is a key component of many jobs and degree courses: some examples are Geography, Genetics, Economics, Finance, Accounting, Computing and all Science degrees. Good mathematicians are in demand and so command high salaries and are required to work in a wide variety of companies. There is a wide career choice for students with high level mathematical skills.

What have previous students of Maths gone on to do?

Former students have gone on to study the following after completing a Maths A Level:-

Accounting and Finance	—	Leeds Beckett University
Applied Physics	—	Nottingham Trent University
Architecture	—	Manchester University
Astronomy, Space Science & Astrophysics	—	University of Kent
Anatomy & Human Biology	—	Liverpool University
Biomaterials Science & Engineering	—	Sheffield University
Chemical Engineering	—	Leeds University
Chemistry	—	Oxford University
Computer Science	—	University of Liverpool
Criminology	—	Nottingham Trent University
Dentistry	—	Sheffield University
Diagnostic Radiography	—	University of Salford
Economics & Maths	—	Sheffield University
Electrical & Electronic Engineering	—	Liverpool John Moores University
Forensic Science & Criminal Investigation	—	University of Central Lancashire
Geophysics	—	Liverpool University
Mathematics	—	Cambridge, Edinburgh and Aston Universities
Mathematics with Statistics	—	Lancaster University
Mechanical Engineering	—	Liverpool University
Medicine	—	Imperial College London
Neuroscience	—	Manchester University
Nutrition and Dietetics	—	University of Surrey
Particle Physics & Cosmology	—	Swansea University
Pharmacy	—	Cardiff and Nottingham Universities
Physics	—	University College London
Policing and Criminal Investigation	—	Staffordshire University

A Level FURTHER MATHS

What can Further Maths at Range offer me?

If you are good at Maths, enjoy studying the subject and want to study it in more depth then you should consider Further Maths. If you are considering studying a Maths related degree, Further Maths can be invaluable. Former students tell us that it has helped them enormously in degree courses such as Maths, Physics, Computing and Engineering. This subject can offer you:

- An exceptional pass rate over many years
- Staff members who are experienced at teaching Further Maths.

What are the Entry Requirements?

To be guaranteed a place on this course you need to meet the Admissions Criteria for the Red Pathway together with:

- Grade 8 or above in Mathematics GCSE.
- Love of the subject.
- Desire and ability to work at a fast pace.
- Satisfactory academic and attitudinal references.
- Competence and confidence in using algebra — this is essential.

Where can Further Maths at Range take me?

Studying Further Maths at A level is excellent preparation for University, particularly for those students wishing to study mathematics-related subjects such as Engineering, Science, Computing, Technology and Mathematics itself. Some leading universities now specify Further Maths as an entry requirement for certain courses. Many former students have reported that the study of Further Maths at A level not only helped them to obtain a degree course but also enabled them to cope well with the mathematical concepts needed at degree level.

Good mathematicians are in demand and so command high salaries and are required to work in all companies so there is a very wide career choice for students with high level mathematical skills.

What can I expect from Further Maths at Range?

Following on from the changes to the GCSE, September 2017 saw the introduction of the new A Level in Further Maths. The new A Level is linear in structure which means that all the content will be examined at the end of the course. A Level Further Maths has a prescribed core of approximately 67% of its content which includes:

- Proof
- Complex Numbers
- Matrices
- Further Algebra and Functions
- Further Calculus
- Further Vectors
- Polar Coordinates
- Hyperbolic Functions
- Differential Equations
- Numerical Methods

For the remainder of the content, students will study Discrete Mathematics and Mechanics options.

Discrete Mathematics

- Graphs
- Networks and Network Flows
- Linear Programming
- Critical Path Analysis
- Game theory for zero-sum games
- Binary operations

Mechanics

- Dimensional analysis
- Momentum and collisions
- Work, energy and power
- Circular motion
- Centres of mass and moments

The course will encourage students to:

- Understand mathematics and mathematical processes in a way that promotes confidence, fosters enjoyment and provides a strong foundation for progress to further study.
- Understand coherence and progression and how different areas of mathematics are connected.
- Apply mathematics in other fields of study and be aware of the relevance of mathematics to the world of work and to situations in society in general.
- Use their mathematical knowledge to reason logically, make deductions and inferences and draw conclusions as well as recognise incorrect reasoning.
- Generalise mathematically and to construct mathematical proofs.
- Use and extend their range of mathematical skills and techniques to solve problems which require them to decide on the solution strategy.
- Represent situations mathematically, draw diagrams and sketch graphs to help explore mathematical situations and interpret solutions.
- Interpret solutions and communicate their interpretation effectively in the context of the problem.
- Use technology effectively and recognise when such use may be inappropriate.
- take increasing responsibility for their own learning and the evaluation of their own mathematical development

What have previous students of Further Maths gone on to do?

Chemistry at Oxford University
Mathematics at Cambridge University
Mathematics at Manchester University
Mathematics at Aston University
Theoretical Physics at York University
Mathematics with Mathematical Physics at University College London
Aerospace Engineering at Sheffield University
Mathematics at Nottingham University
Mathematics at Edinburgh University
Electronic Engineering with a year in Industry at Sheffield University
Mathematics at Bristol University
Mathematics at Liverpool University
Mathematics at Leeds University
Computer Science at Bristol University
Physics at Manchester University

BTEC Level 3 Extended Certificate in Music Performance

What can the Music BTEC at Range offer me?

BTEC Music is a two year course that can be studied alongside other BTECs and A Levels. It is a well-rounded programme of study which prepares you for many aspects of work within the Music Industry. Students will focus on Performance, Composition, Musicianship and Professional Practice, all of which are essential skills for anyone wanting to work in the music industry.
The UK music industry helps drive economic growth by creating jobs and opportunities for young people. The 2016 UK music survey 'Measuring Music' identified that the music industry supported more than 117,000 full-time jobs in the UK, contributing £4.1 billion to the UK economy.

What can I expect from the Music BTEC at Range?

Throughout the course you will work as part of a musical group and will develop your ensemble skills by taking part in rehearsals. As an ensemble, you will be given a list of songs from which you must choose three. You will then learn, rehearse and perform these songs to an audience. To support your performance skills you will also develop your knowledge and understanding of fundamental musical theory and how it is applied in practical musical activities. You will develop and apply theoretical knowledge through production of a piece of musical notation that fully demonstrates your intentions so that they can be interpreted in a performance situation.

In addition to this you will also gain an understanding of what is meant by the term 'professional practice' as well as what it means to be a freelancer working in the music industry. You will understand the professional skills that are important in the industry and learn the importance of financial management, effective interpersonal skills and working with others.

At all times you will be encouraged to develop your musicianship skills through rehearsing, performing, listening to and composing music. Your assessments in BTEC Music encourage you to work like a professional musician. You must keep to deadlines, consider Health and Safety and use music technology to develop your creativity.

What can I expect from the Music BTEC at Range? (Continued)

Everyone taking this qualification will study the 3 mandatory units:

- Practical Music Theory and Harmony,
- Professional Practice in the Music Industry (Externally Assessed)
- Ensemble Music Performance (Externally Assessed)

In addition to the 3 mandatory units, all students will also need to study one of the optional units:

- Composing Music
- Music Performance Sessions Styles
- Solo Performance
- Improvising Music

Where can the Music BTEC at Range take me?

Music can lead you into an exciting and creative career in the music and media industries. The skills that you will develop are essential for working as a Performer, as a Composer or Producer, in a recording studio, in radio and in theatres and live music venues. There is a wide range of vocational and academic higher education courses available in this subject area.

What are the entry requirements?

To be guaranteed a place on this course you will need to meet the Admissions Criteria for the Range Sixth Form (Green Pathway) with:

- The ability to be able to play at least one instrument to a competent level
- Satisfactory academic and attitudinal references

A Level PHYSICAL EDUCATION

What can Physical Education at Range offer me?

- A supportive, caring and motivational climate in which to learn.
- Specialist teachers to deliver each component of the A Level specification.
- Access to good facilities to allow students to undertake practical work in order to underpin theory.

We encourage our A Level students to become actively involved in helping to coach our lower school sports teams.

What can I expect from Physical Education at Range?

- Physical Education qualifications allow students to play to their strengths and gain dynamic skills for further education and a healthy future. Our current specification teaches students to evaluate performance and suggest plans for improvement. It also covers the benefits of healthy living alongside topics like the role of media in sport.
- Students will have a specialist teacher for each area of the specification.
- There are regular assessments in order to monitor progress and target set. We also have interviews with our students at Christmas and Easter to ensure that each student is progressing as expected and to check if they require any help or guidance in any area of the specification.

Practical assessments will take place throughout the course, but there is a large emphasis on students to collect DVD evidence in the sport or activity they are being assessed in.

"A-Level PE has cemented my decision to pursue sport as a career as each module has sparked a further interest into the importance of sport in our society. Learning that the psychology of sport is just as important as the physical aspect has improved my own sporting ability and helped develop my teamwork skills. I can speak for the whole class when I say that everybody is helped and encouraged by the teaching staff who make the lessons enjoyable and understandable. Surprisingly, specific elements of A-Level PE have worked hand in hand with my other subjects, in particular the media in sport and human geography. Thanks to the P.E. staff, I have been able to utilise my knowledge of sport to help coach the school teams which has also helped my confidence skills."

Rhianna Meehan

Sixth Form Sports students visited St George's Park earlier this year.

What are the Entry Requirements?

To be guaranteed a place on this course you will need to meet the admissions criteria for Range Sixth Form (Red Pathway) with:

- Grade 6 in P.E.
- Grade 5 in Biology or Combined Science
- Satisfactory academic and attitudinal references

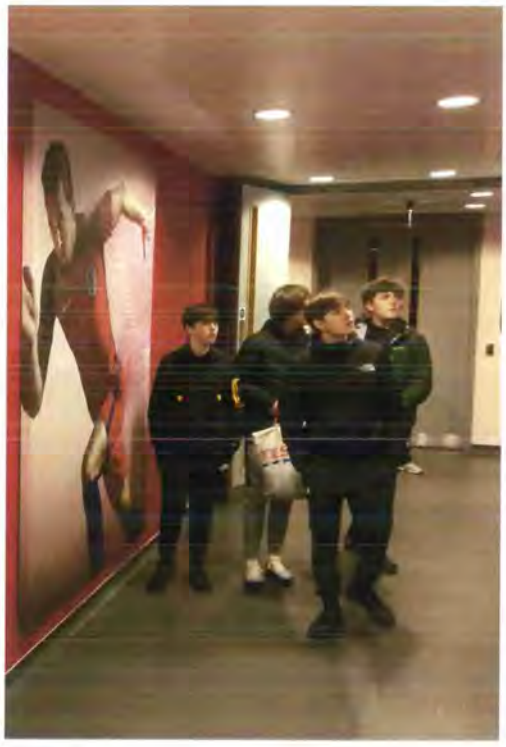
Please note that due to the practical nature of this subject, students will be considered on an individual basis, where they have the required grade in Biology/Combined Science, along with high level of achievement which can be evidenced at practical level, even if they have not taken the subject at GCSE.

Where can PE at Range take me?

There are so many Higher Education courses in Physical Education, Sport, Leisure, Nutrition and Health. These courses can lead to careers in: coaching, teaching, leisure management, journalism, sports science, physiotherapy, sports medicine, sports development, fitness instructing, sports design and technology aa well as many other areas. The world of sport and physical recreation provides a rich variety of interesting and rewarding career opportunities.

What have previous students of PE gone on to do?

Interior Design, Primary and Secondary Education with QTS, Film and Media Studies, Physical Education, Business Studies, Early Childhood Studies, Business and Management, Sport and Exercise Science, Tourism Management, Sports Therapy, Sport Events Management, Physics with Particle Physics and Cosmology, Sport Development and Physical Education, Nursing, Sport and Exercise Therapy, Real Estate, Mechanical Engineering, Geology, Diagnostic Radiography, Criminology and Psychology, Aerospace Engineering, Dental Surgery, History and Human Nutrition.



Sixth Form Sports students visited St George's Park earlier this year.

NEW HERE AT RANGE FOR SEPT 2020

Level 3 Cambridge Technical in SPORT & PHYSICAL ACTIVITY

What can Level 3 Cambridge Technical in Sport & Physical Activity offer me at Range Sixth Form?

Cambridge Technical offers established vocational qualifications as an alternative to A-Level. The qualification equips learners with a practical introduction to the sports industry, providing learners with great opportunities for progression as well as employability skills for the future.

What can I expect from Level 3 Cambridge Technical in Sport & Physical Activity at Range Sixth Form?

This qualification allows students to sample the wide range of activities and professions that are available in sport - alternatively they can focus on a specific area if they prefer. Content includes nutrition for sport, marketing, sports therapy, coaching teams and individuals, leadership in sport, sport as a business, fitness testing and practical participation. The qualification is ideal for the workplace due to the combination of transferable theoretical and practical skills.

What are the Entry Requirements?

To be guaranteed a place on this course you need to meet the admissions criteria for Range Sixth Form Green Pathway , together with satisfactory academic and attitudinal references.

Where can this subject at Range take me?

This qualification would be a further step towards an undergraduate degree, an appenticeship or a career in a Sports related industry. BTEC Level 3 is a vocational qualification. This does not mean that it will give you all the skills you need to do a job, but it does mean that you will have the opportunity to gain specific knowledge, understanding and skills that are relevant to your future career.

A Level Physics

What can Physics at Range offer me?

Physics at Range is delivered by highly experienced and enthusiastic specialist staff who are committed to helping students reach their full potential. You will be encouraged and supported by your teachers through a course which promotes increased independence and academic rigour.

A range of extra curricular opportunities are available to Physics students:

- Visits to lectures /workshops at local universities.
- The Nuffield Bursary scheme allows students to spend the summer working on real research projects at Liverpool University.
- The most academic students compete in the prestigious Physics Olympiad, run by the Institute of Physics.
- For the last three years Y12 and Y13 students have also had the opportunity to visit Cern Particle Physics Research Faculty in Geneva.

What can I expect from Physics at Range?

The course aims to develop your understanding of the world around you, from the smallest building blocks of matter, light, the Universe and everything in between!

You will develop analytical, quantitative and problem solving skills through engaging, interactive and practical lessons.

The first year of the course continues with the familiar GCSE themes of mechanics, energy, waves, and electricity. Also introduced are the exciting concepts of particle and quantum physics.

In the second year we cover the compulsory topics of gravity, electromagnetism, nuclear and thermal physics. There is also a choice of one optional unit including astrophysics, medical physics and turning points in physics.

Throughout the course there is also a very strong emphasis on extended practical work, using a range of technologies. This is an essential part of the course that will be examined in each of the modules.

Sixth Form Physicists on a recent trip to CERN, Geneva

What are the Entry Requirements?

To be guaranteed a place on this course you need to meet the Admissions Criteria for Range Sixth Form (Red Pathway) with:

- Grade 6 in Physics GCSE
- Or Grade 6 in Combined Science GCSE
- With Grade 6 or above in Maths GCSE
- Together with satisfactory academic and attitudinal references
- It is recommended that students also study 'A' Level Maths

Where can Physics at Range take me?

For those with an ambition to be at the forefront of emerging technologies, innovative research, new discoveries and theoretical debate, Physics is for you!

If you want to be a weather forecaster, games designer, sound engineer, journalist, renewable energy advisor, investment banker, surgeon, physiotherapist, Physics is for you too!

By studying Physics you are opening the door to a wide variety of careers. As well as learning about how the universe works, you will get a broad training in skills that all employers value – an ability to grasp concepts quickly, a determination to find coherent answers, not to mention problem-solving, analytical, mathematical and IT skills. Studying Physics is an excellent way of keeping your options open and allowing entry into a vast number of further education courses, as well as providing plenty of employment opportunities.

What have previous students of Physics at Range gone on to do?

Previous students have gone on to study a diverse range of degrees at many top universities. They include:

Accountancy
Aeronautical Engineering
Astrophysics
Biology
Biomedical Science
Chemical engineering
Chemistry
Civil Engineering
Dentistry
Economics and French
Electronic and Electrical Engineering
Marine Biology
Mathematics
Mechanical Engineering
Medicine
Particle Physics
Physics
Theoretical Physics
Veterinary Science

Students have also used their qualification to further their training through scholarships, apprenticeships with top companies such as Shell or officer training with the Armed Forces.

A Level Psychology

What can Psychology at Range offer me?

Psychology is an amazing subject to study. You will learn the fundamentals of the subject and develop skills valued by Higher Education and Employers, including critical analysis, independent thinking and research skills to name a few. This A-level is fascinating and will be of interest to any student who wants to understand why people behave in the way that they do.

You will be taught by well qualified and experienced teachers who are AQA examiners and have a history of leading high performing departments and successfully supporting students in their Career progression. You can expect to be challenged to achieve your potential and supported by regular feedback, enabling you to identify what you are doing well and what will lead to continued improvement as you develop your skills.

What can I expect from Psychology at Range?

The A-Level is linear in structure which means that all the content will be examined at the end of the two year course. You will have three, two hour written exams all with a mixture of multiple choice, short answer and extended essay questions. You will be have lots of practice opportunities to develop your skills in answering these questions.

Paper 1: Introductory Topics
*** Social Influence**
*** Memory**
*** Attachment**
*** Psychopathology**

Paper 2: Psychology in Context
*** Approaches in Psychology**
*** Biopsychology**
*** Research Methods**

Paper 3: Issues and Options in Psychology
*** Issues and Debates in psychology**
*** Cognition and Development**
*** Schizophrenia**
*** Forensic Psychology**

The course will encourage students to:

- Develop essential knowledge and understanding of different areas of Psychology and how they relate to each other.
- Develop and demonstrate a deep appreciation of the skills, knowledge and understanding of Scientific methods.
- Develop competence and confidence in a variety of practical, mathematical and problem-solving skills.
- Develop interest in and enthusiasm for Psychology, including developing an interest in further study and careers associated with Psychology.
- Understand how society makes decisions about scientific issues and how the sciences contribute to the success of the economy and society.

Psychology is classed as a Science and therefore the course is demanding as you are not only required to develop your knowledge, understanding, application and evaluation of Psychology but you also have to demonstrate competence in Mathematics. At least 10% of the marks in assessment will require the use of Mathematical skills. AQA recommends higher tier GCSE Maths. In addition, at least 25-30% of the overall assessment will be linked to Research Methods. A strong background in Biology would be an advantage.

What support will I receive?

A variety of support will be available to you within the department, for example, one to one tutorials, 'Make a Difference' sessions which could be revision sessions before exams or a chance to make improvements to a piece of work. In addition, you will work collaboratively with your peers and support could come from peer tutoring. You will receive support with UCAS applications, apprenticeship or job applications and be supported with mock interviews.

Will there be an opportunity for extra-curricular activities?

There will be an opportunity for students to run a PsychSoc club.
There will be an opportunity for lead practitioners in Psychology to run workshops with you.
There will be an opportunity to attend courses and conferences , for example, those led by Tutor 2U or 'Life behind bars' or Shiverpool to explore Parapsychology.

What are the Entry Requirements?

To be guaranteed a place on this course you need to meet the Admissions Criteria for the Red Pathway together with:

- Grade 6 or above in Maths and English Language GCSE. Students who achieve below this *may* be considered on an individual basis.

- Satisfactory academic and attitudinal references.

Where can Psychology at Range take me?

Psychology will appeal to a cross-section of students, regardless as to whether or not they have studied the subject before. You do not need to have a GCSE background in the subject to be successful at A-Level so it is a great opportunity to try something new that will not only be really enjoyable, but that will also equip you with some fantastic transferable skills. Psychology builds on and develops, skills in the Sciences, Maths and Humanities and consequently enhances applications in many career pathways.

What have previous students of Psychology gone on to do?

At least one third of Psychology students in any given year will progress directly on to a Psychology or Psychology related degree, for example, students will want to become a Psychologist and work in a Clinical or Forensic setting or want to become Criminologists, working for the Police or Social Services. Many students use their Psychology to enter Education and train as Teachers or the medical profession to become Doctors, Dentists, Vets, Physiotherapists, Occupational Therapists or Midwives, to name a few.
With the transferable skills students have also entered fields such as Aerospace Engineering and have commented on just how useful their Psychology has been. Students have also progressed on to Law degrees or careers within Film, Media, Business. In short there is no limit to where Psychology can take you in terms of course, career or geographical location.

For more information.

www.bps.org.uk
www.aqa.org.uk

We look forward to welcoming you into the Department in September and wish you good luck with your GCSE exams in summer.

RANGE HIGH SCHOOL
A Level, BTEC and Extended Project Results - Summer 2019

A Level Subject	Entries	A*	A	B	C	D	E	F	U	A* - B	A* - E
Art	3		1	2						100%	100%
Biology	11		3	4	4					64%	100%
Business Studies	16		1	9	4	2				63%	100%
Chemistry	11	2	1	5	2	1				73%	100%
Computer Science	9		5	2	2					78%	100%
Economics	11		1	4	5	1				45%	100%
English Language & Literature	16	1	2	2	4	7				31%	100%
Further Maths	1		1							100%	100%
Geography	16		4	4	3	5				50%	100%
Geology	1		1							100%	100%
German	5			2	1	1	1			40%	100%
History	10		3	1	5	1				40%	100%
Law	5		1	2	1	1				60%	100%
Mathematics	16	1	5	5	2	3				69%	100%
Media Studies	12		1	7	3	1				67%	100%
Physical Education	15		2	1	5	5	1		1	20%	93%
Photography	3		2	1						100%	100%
Physics	7		3		2	2				43%	100%
Product Design	5			2	2	1				40%	100%
Spanish	7			3	4					43%	100%
Extended Project	13		1	5	2	3	1		1	46%	92%
BTEC Subject	**Entries**	**D*D***	**D*D**	**DD**	**DM**	**MM**	**MP**	**PP**	**U**		**Pass Rate**
BTEC BUSINESS STUDIES	7		2	1	4						100%
BTEC H&S DOUBLE	4			2	1			1			100%
BTEC Subject	**Entries**	**D***	**D**	**M**	**P**	**U**					**Pass Rate**
BTEC COMPUTING	3		2	1							100%

14/11/2019

Qualifications are graded as follows:

A Levels:

A*
A
B
C
D
E

BTEC Full Diploma:

D*D*	Distinction* Distinction*
D*D	Distinction* Distinction
DD	Distinction Distinction
DM	Distinction Merit
MM	Merit Merit
MP	Merit Pass
PP	Pass Pass

BTEC Extended Certificate:

D*	Distinction *
D	Distinction
M	Merit
P	Pass