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Welcome to Sixth Form at Castle Rushen High School

This booklet provides a page about each of the subjects which we expect to offer in Year 12 from September 2019.

To join our Sixth Form you need:

- 5 or more A* C at GCSE (or Level 2 equivalents) including English Language and Mathematics; and
- The right skills and behaviours to succeed at post-16 study

Entry to Sixth Form may still be possible, with appropriate subject choices and support in the resitting of relevant GCSEs, if:

- You have 4 or more A*- C at GCSE (or Level 2 equivalents) including English Language or Mathematics (or both); or
- There are exceptional circumstances

We offer three main Pathways through Sixth Form:

1 University Skills – for students expecting to carry on from Sixth Form into Higher Education (or those who aren't sure)

2 Work Skills – for students who are confident that they will want to go to Work when they leave Sixth Form 3 Russell – for students who are aiming for AAA or higher at A Level and intend applying for highly competitive courses

Making subject choices:

We request initial options from students in March, which we use to plan our timetable for the following school year. We try to minimise option clashes whilst preserving options combinations. There are constraints of the overall school timetable and some option combinations are not possible. Options chosen in March are not binding and many students change one or more choices in August, reflecting on their GCSE results and their evolving thinking.

Students normally start with 4 subjects and drop down to 3 subjects within the first half term, or simply start with the 3 subjects which they wish to take. Work skills pathway students may take 2 subjects and undertake work experience.

You should make subject choices having considered:

- 1. What you might wish to do after Year 13 and how best to prepare for that are specific subjects needed?
- 2. Where your subject strengths and interests lie you'll do better if you study something you are good at and enjoy
- 3. Your skills and how you like to learn and study choose a mode of study/assessment which suits your learning style

We offer a combination of A Levels and BTEC Level 3 Nationals. Both are accepted equally by Universities and Employers and it is possible to achieve the full grade range from either. The mode of study is different, however:

- A Levels are mainly examined at the end of two years of study. Some subjects have some coursework, which can be extensive in creative subjects. The International A Levels (Geography and Music) include an AS level in Year 12.
- BTECs are accumulated throughout the two year course. They generally comprise a combination of
 unit exams, which may be attempted several times, combined with extensive coursework elements.
 It may be possible to flex the number of units being studied to create a larger qualification if desired.

It is quite normal for students to combine modes of study e.g. 2 A Levels + 1 BTEC, or 1 A Level + 2 BTECs.

Specific GCSE grades / subject requirements:

Specific requirements or recommendations are in place for some A Levels, to ensure that students are able to access the course:

Mathematics and French each require a B Grade in the relevant GCSE subject.

Biology, Chemistry and **Physics** strongly recommend a B Grade in the relevant GCSE separate science or BB in Co-ordinated Science.

Psychology requires a B grade in English Language. Grade B in a science subject and maths are recommended

English Literature – a B grade in English Language or Literature is strongly recommended

Economics – a B grade in Maths is required, a B in English Language is strongly recommended

Subjects taught in collaboration with partner schools:

In order to maintain the broadest possible choice of subjects, some are offered in collaboration with our partner schools: Queen Elizabeth II High School, Peel and Ramsey Grammar School. Taking a collaborative subject may involve being taught in part - or, for a small number of subjects, completely - at another school. Transportation is provided. The arrangements are well established, having run successfully for 4 years. We do not generally recommend that students take more than one collaborative subject involving teaching away from CRHS, though doing so is possible should an individual really desire it.

Next steps:

Talk to subject staff to find out more!

We are delighted to meet with Year 11 students and/or parents to discuss individual Sixth Form choices and circumstances. We pride ourselves in seeing every student as an individual. We want to get to know you and to make your Sixth Form Experience best suit your needs.

Students can find Mr Danielson upstairs or write to him at <u>johndanielson@online.sch.im</u>. Parents are most welcome to email using <u>john.danielson@sch.im</u> to arrange to meet.

John Danielson
Head of Sixth Form

Mr K Winstanley
Headteacher

K. Winstanley



Subject:	Agriculture
Exam Board:	Pearson BTEC
Syllabus code:	500/8242/5

BTEC Agriculture gives students an in-depth knowledge of the environment and the processes that control and affect it.

The course builds on concepts and skills that have been developed in the GCSE science specifications. Students will study:

- Biodiversity
- Conservation
- Sustainability
- Global Climate Change
- Fieldwork skills
- Ecology

- Current Environmental Issues
- Use of Resources
- Pollution

Students will also develop their investigative and practical skills and be able to apply their understanding of how science works.

Course assessment:

All assessment is carried out by completing assignments. These assignments will be a mixture of practical and written work.

Unit 1 Understand Animal Anatomy and Physiology (4 Assignments – Laboratory and written)

Unit 2 Understand the Principles of Soil Science (3 Assignments – Field work, Laboratory work and Written)

Unit 3 Understand the Principles of Plant Science (3 Assignments - Field work, Laboratory work and Written)

Unit 8 Undertake Estate Skills (4 Assignments - Field work and Written)

Unit 12 Undertake Agricultural Livestock Production (4 Assignments - Field work, Laboratory work and Written

Unit 19 Undertaking Root Crop and Field Vegetable Production (3 Assignments - Field work, Laboratory work and Written)

Unit 29 Undertake Pig Production (3 Assignments – Field work, Laboratory work and written)

What can this course lead to?

BTEC Agriculture is an ideal base for employment, a range of vocational qualifications and Higher Education courses, including degrees in areas related to the environment, ecology, countryside management, wildlife conservation, marine biology, geography, geology, science, climate, planning and teaching.

Subject: Applied Science Exam Board: Pearson BTEC Syllabus Code: Extended Certificate Applied Science 31619H

Course outline:

The BTEC level 3 extended certificate in science at Castle Rushen High School is ideal for students who wish to continue studying science but do not wish to specialise in a single A level subject or for students who have passed level 2 BTEC and wish to continue their science education that may lead to further study or a career in a Science related field.

Course assessment:

The Pearson BTEC Level 3 Extended Certificate Applied Science is intended as an Applied General qualification for post-16 learners who want to continue their education through applied learning and who aim to progress to higher education and/or employment. The qualification is equivalent in points to an A Level and aims to give a basic introduction to the study of applied science.

Learners who wish to take this qualification will have successfully completed a Level 2 study programme with GCSEs or BTEC. It is normally taken alongside other Level 3 qualifications (A levels or Level 3 BTEC).

- Unit 1. Principles and Applications of Science I. (Exam)
- Unit 2. Practical Scientific Procedures and Techniques (Internally assessed)
- Unit 3. Science Investigation Skills (Externally assessed task)
- Unit 4 optional unit (Internally assessed)

It is possible with the addition of 2 other internally assessed units that this qualification can be converted to a foundation diploma which is equivalent to 1.5 A-Levels. Work for these units will need to be completed in the student's own time for example in private study lessons or at home.

What can this course lead to?

BTEC Nationals offer learners modern, work-related qualifications which open the door to higher education and a career because they:

- develop independent research
- are each designed with a clear purpose to support defined progression routes into higher education or employment
- build high-level skills such as teamwork, creative thinking and presentation skills.

What qualifications/qualities do I need to take this subject?

A GCSE Science qualification at grade C or above or a pass in level 2 BTEC Applied Science.

For further details please see Mrs Holmes.

Subject:	Art	CRHS
Exam Board:	AQA	
Syllabus Code:	7202	

Are you creative and imaginative? Do you enjoy exploring ideas and looking at things in different ways? If so, you should consider a course in fine art with AQA. Fine art is about looking, learning, thinking and communicating. You will enjoy developing your understanding of the visual world, learning practical skills and responding to ideas and issues in ways that are personal to you.

Fine art offers opportunities to use your creativity to express yourself. You will develop your understanding of creative processes, your ability to observe and to think, to solve problems and learn to communicate in a visual way. It will enable you to work independently and to make your own discoveries by exploring ideas, other artists' work and different materials and techniques. Fine art gives you the skills and knowledge to create personal and imaginative work. If you have an adventurous, creative and enquiring mind and are excited by shaping and determining the visual world around us, there is a career opportunity waiting for you.

Practical course

A-level is a practical course in which you learn by doing, so you will be able to create imaginative personal work. You will find out about a whole range of media, techniques and processes. You will develop your creativity and independent thought, learn to express yourself visually and let your imagination flourish.

Fine art is a great companion to all other subjects as creativity, imagination and problem solving skills can give you great ideas for your other subjects.

Fine art course content

Drawing, Painting, Mixed-media (including collage and assemblage), Sculpture, Digital Art, Photography, Ceramics, Installation, Printmaking, Moving image (animation and video).

Course assessment:

At A-level for component 1 you will develop work for a personal investigation into an idea, issue, concept or theme supported by written material. This will count for 60% of your total A-level marks. In component 2 you will produce personal work in response to one of eight exciting starting points which will count for 40% of your total A-level marks

What can this course lead to?

This course will develop a creative mind set and an awareness of aesthetics that will lead successful candidates to a more fulfilled life.

Subject: Biology

Exam Board: OCR

Syllabus Code: Biology A2 H420



Course outline:

Biology A Level provides an exciting opportunity to foster a deeper understanding of the skills and knowledge related to biological issues whilst developing an interest in further study and careers in the subject

Course assessment:

If completing at AS Level, students will take two papers covering Modules 1-4.

Module 1 – Development of practical skills in biology.

Module 2 – Foundations in biology

Module 3 – Exchange and transport

Module 4 – Biodiversity, evolution and disease

At A Level students take 3 papers, covering modules 1-4 and in addition modules 5 and 6, plus the practical endorsement.

Module 5 – Communication, homeostasis and energy

Module 6 – Genetics, evolution and ecosystems

There is no coursework component at either level. The exams include multiple choice sections, structured questions and extended response questions.

What can this course lead to?

Students typically go onto study subjects such as medicine, veterinary science, biochemistry, psychology, physiology and healthcare related subjects. Prospective employees from a wide variety of specialities also welcome the skills that biology A' Level promotes such as critical analysis, research methodology and evaluation.



What qualifications/qualities do I need to take this subject?

IGCSE Co-ordinated Science award or IGCSE Biology with a recommended minimum pass of grade B IGCSE English and Maths at grade C. For further information please see Mrs Holmes.



Subject:	Business
Exam Board:	Pearson BTEC
Syllabus Code:	Extended Certificate



Business BTEC is all about learning Business in a vocational way. Students undertake a practical course, which helps them to develop practical knowledge and skills, which are valued by both employers and universities.

In the extended certificate, students undertake four units:

Unit 1 – Exploring Business, Unit 2 – Developing a Marketing Campaign, Unit 3 – Personal and Business Finance, An additional optional unit choice.

Students will learn about the basics of starting a Business, such as the range of different types of Businesses including for profit and not for profit Businesses. Students will then progress onto activities designed to aid them in developing the skills necessary for running a Business.

Course assessment:

Two of the units are externally assessed with the remaining two being internally assessed. Students are evaluated in both years 12 and 13. Pupils will have an opportunity to re-sit the externally assessed units and resubmit the internally assessed units if required.

Assessment will take various forms that challenge students to develop skills in report writing and presenting new ideas.

What can this course lead to?

The course is for learners who are interested in learning about the Business sector, with a view to progressing to employment in a Business environment, or who are interested in progressing to higher education courses.

What qualifications/qualities do I need to take this subject?

The course is open to all students who qualify for sixth form entry.

It is vital that students are aware of the need to meet strict coursework deadlines and that they are dedicated to studying Business. Students should have developed good skills in both English and Mathematics prior to starting the course.

Subject:	Chemistry	- Comment
Exam Board:	OCR Chemistry B (Salters)	
Syllabus Code:	H433	Science Reaching for the Stars

At GCE Level concepts in Chemistry are introduced within a relevant context, the course being written as a series of units based on contemporary issues. Students study chemistry in a spiral way so that chemical ideas, introduced in an early topic, are reinforced later. There are many opportunities for practical work, which encourages the development of hands-on practical skills.

The skill set gained from studying chemistry at a higher level goes far beyond the science involved.

For further information please visit the exam board website:

https://www.ocr.org.uk/qualifications/as-a-level-gce/chemistry-b-salters-h033-h433-from-2015/

Course assessment:

Students studying Chemistry to AS level will have two exams worth 50% each at the end of Year 12: Foundations of Chemistry and Chemistry in Depth.

Students studying A Level Chemistry will have 3 exams: Fundamentals of Chemistry (41%), Scientific Literacy in Chemistry (37%) and Practical skills in Chemistry (22%). A-level students will also demonstrate their practical skills through the Practical Endorsement for Chemistry, which is internally assessed.

What can this course lead to?

For those who study chemical science to a higher level the challenges and rewards are significant; possible career pathways include, but are not limited to medicine, pharmacy, industry, research and education. This link shows the huge range of possibilities open to chemistry students http://www.rsc.org/careers/future/index

What qualifications/qualities do I need to take this subject?

IGCSE Coordinated Science, IGCSE Chemistry with a recommended minimum pass of grade B. This course suits students who are curious and always asking 'why? Students must be able to work independently outside of lessons, using research to deepen understanding of the course content. Resilience will be very important as elements of the course can be quite challenging.

Subject: Computer Science Exam Board: AQA Syllabus Code: 7517

Course outline:

A Level Computer Science encourages students to:

- Develop an understanding of the fundamental principles and concepts of computer science, including abstraction, decomposition, logic, algorithms and data representation
- ❖ Analyse problems in computational terms through practical experience of solving such problems, including writing programs to do so
- Thinking creatively, innovatively, analytically, logically and critically
- See relationships between different aspects of computer science
- The ability to articulate the individual (moral), social (ethical), legal and cultural opportunities and risks of digital technology.
- It includes the mathematical skills need to do:
 - Boolean algebra
 - Comparison and complexity of algorithms
 - Number representations and bases
 - Set theory and vectors

Course assessment:

Paper 1	Paper 2	Coursework
What's assessed Student's ability to program and problem solve using a variety of data structures.	What's assessed The student's understanding of the theory content.	What's assessed Their ability to use the knowledge and skills gained through the course to solve or investigate a practical problem.
Assessed • On-screen exam: 2½ Hours • 40% of A-level	• Written exam: 2½ Hours • 40% of A-level	Assessed • 75 marks • 20% of A-level

What can this course lead to?

This course is suitable for students who want to work in the IT/Computing industry, to go on to University to take a computer related course, or just know more about how the computer works and how to program it.

What qualifications/qualities do I need to take this subject?

The A Level syllabus was designed for students who haven't had any previous experience of studying Computer Science in key stage 4 however student who have completed the IGCSE Computer Science will find the transition to A level easier. A good grade in GCSE Mathematics is highly desirable.

Subject: D&T Product Design Exam Board: Edexcel Syllabus Code: 9DT0 CR≡∧T≡

Course outline:

This recently refreshed and enhanced course offers a unique opportunity for students to identify and solve real problems by designing and making products. In Year 12 you have plenty of opportunities to develop and range of design and practical skills that will equip you to complete your independent major design project. Throughout the course you will also learn about materials, processes, features of manufacturing industries and digital technologies.

Course assessment:

There are two components in this course that assess your technical knowledge, your ability to design creative solutions and to make prototypes.

Component 1 - Principals of Design and Technology (Exam) 50%

This 2 ½ hour exam paper assesses your knowledge and understanding of product design.

Component 2 - Independent Major Project (Coursework) 50%

This component requires you to use your creativity and imagination to design, develop and make a product that solves a real world design problem

What can this course lead to?

This course enables you to study a diverse range of design relate subject. Our students have been successful in their applications to study Mechanical Engineering, Architecture, Motorsport Engineering and Prosthetics at highly recommended universities in their respected fields of study. Product Design is a recognised course that develops desirable transferable skills in communication, entrepreneurialism and ICT, which are appropriate for employers and universities alike.



What qualifications/qualities do I need to take this subject?

If you are inquisitive, imaginative and creative then A' Level Product Design is the course for you! The ability to communicate ideas through sketching, computer aided design and modelling would be a distinct advantage. An eye for quality, attention to detail and good practical skills are also beneficial, however you will have plenty of opportunity to develop all these qualities throughout the course.



Subject:	D&T Textiles Design	CR Ţ∧T≡
Exam Board:	AQA	
Syllabus Code:	7204	

This exciting and creative course is a must for anyone who is interested in the creative and dynamic design and fashion industries. In Year 12 you with have plenty of opportunities to develop a range of design and practical techniques that include; textile construction, printing, fashion, illustration, fabric manipulation and fine art textiles. In Year 13 you will choose your own area of textiles to study and explore this through a practical and contextual project, presenting your work in our annual Art and Design exhibition.

Course assessment:

There are two assessment components in this A' Level course. There is a coursework component and a 15 hour timed exam.

Component 1 Personal investigation (Coursework) 60%

You will conduct a practical investigation, into an idea, issue, concept or theme, supported by written material and lead to a finished textile outcome or a series of related finished textile outcomes.

Component 2 Externally Set Assignment (Timed Exam) 40%

You are given stimulus materials and a preparation period to develop ideas. You will then have 15 hours of focused study time to produce a creative textile outcome(s).

What can this course lead to?

You will be well equipped for undergraduate studies in textiles, fashion or design. The course is also suitable for many career pathways including; fashion, illustration, interior design and journalism. You will also develop a range of transferable skills that you can apply to further study in any area or employment

What qualifications/qualities do need to take this subject?

If you are inquisitive, imaginative and creative then A' Level Textiles Design is the course for you! The ability to communicate ideas through sketching, sampling and modelling would be a distinct advantage. Sound drawing skills, time management and good practical skills are also beneficial, however you will have plenty of opportunity to develop all these qualities throughout the course









Subject:	Economics	
Exam board:	AQA	
Syllabus code:	7136	



Economics concerns the allocation of a society's scarce resources amongst the many alternative uses to which they could be put. Students learn about the forces which affect the economy, such as employment, prices and international trade.

Key Topics include; Price Determination, Labour Market, Distribution of Income & Wealth, Market Failure, Financial Markets, Globalisation, Trade & Exchange Rates.

Course assessment:

Assessment is by 3 examination papers which are taken at the end of Year 13.

Paper 1: Markets and market failure

What's assessed

Content 1 - 8 above

Assessed

- written exam: 2 hours
- 80 marks
- 33.3% of A-level

Questions

- Section A: data response questions requiring written answers, choice of one from two contexts worth 40 marks
- Section B: essay questions requiring written answers, choice of one from three worth 40 marks

Paper 2: National and international economy

What's assessed

Content 9-14 above

Assessed

- written exam 2 hours
- 80 marks
- 33.3% of A-level

Questions

- Section A: data response questions requiring written answers, choice of one from two contexts worth 40 marks
- Section B: essay questions requiring written answers, choice of one from three worth 40 marks

Paper 3: Economic principles and issues

What's assessed

All content 1-14 above

Assessed

- written exam: 2 hours
- 80 marks
- 33.3% of A-level

Questions

- Section A: multiple choice questions worth 30 marks
- Section B: case study questions requiring written answers, worth 50 marks

What can this course lead to?

Economics is a highly respected qualification, which can open up numerous pathways, both into university and the work place. Students learn transferable skills throughout the course, which are highly valued by employers and universities. Economics leads to careers such as Law, Business, and Accounting & Politics.

What qualifications/qualities do I need to take this subject?

Students do not need to have studied Economics prior to starting the course. However students will normally have attained grade B's or above in English and Maths IGCSE. Students need to be resilient, determined, hardworking, and willing to learn new concepts and ideas.

Subject: English Language Exam Board: Pearson Edexcel Syllabus Code: 9ENO Exam Board: Pearson Edexcel

Course outline:

If you are considering A level English Language speak first to Mrs Moore, Mrs Matthews or Miss Kamble. English Language is very specialised at A level. English Literature is the subject taken by the vast majority at A level.

You will learn how to closely analyse language, using precise terminology and to understand how language varies according to context and how language choices can create personal identities. You will explore how language has changed and varied over time and the reasons for that change. In addition you will learn to analyse and evaluate how language develops in children, examining speech, reading and writing. You will learn to apply theories of language acquisition to data. You will learn the skills necessary to investigate language issues. You will then apply your knowledge to the process of creating your own texts. This will provide an introduction to the basic analytical skills needed to study linguistics at university.

Course assessment:

The English Language is a two year course and consists of 3 components and a coursework element

1 – Language Variation: Individual variation; Variation over time

35%

2 – Child Language: study of child language acquisition

20%

3 – Investigation Language: developing investigation techniques based on pre-released

4 – Coursework Crafting Language: producing 2 pieces or original writing + commentaries

25%

20%

A one year AS course may also be available (to be confirmed)

Component 1: Language context and identity (50%)

Component 2: Child Language acquisition (50%)

What can this course lead to?

Particularly suitable for those with an interest in English but do not wish to study Literature. It helps to have an enquiring mind, willing to think openly about issues such as gender and power and a willingness to examine own language use. It is suitable as preparation for a wide range of university courses as well as specifically for linguistics

What qualifications/qualities do I need to take this subject?

Requirements: IGCSE Language B grade and above. Basic understanding of the theory of English Grammar.

Subject:	English Literature	
Exam Board:	Pearson Edexcel	
Syllabus:	9ET0	Read, write, grow.

In an ever changing world the study of Literature not only enables the further understanding of ourselves and our world, but creates the opportunity to explore universal themes that encompass time, culture and the human experience. The study of Literature further enhances your ability to analyse and present arguments in a clear, articulate manner.

This course is for those who enjoy reading. It builds upon skills you have developed at GCSE. You will study prose, poetry and drama texts and make comparisons between texts and genres. You will have the opportunity to study both modern texts and texts from previous centuries. Assessment is by coursework and examination. You must be willing to read independently.

The course will enable you to:

- develop your interest in and enjoyment of literature by reading widely
- gain an understanding of different traditions, genres and time periods of English Literature
- make informed opinions and judgements on literary texts
- consider cultural, historical and other influences on texts
- communicate your views in a confident and structured way
- build transferable skills in essay writing

Course assessment:

The English Literature A Level is made up of four components, all of which are completed in Year 13:

1 – Drama	Examination	30%
2 – Prose	Examination	20%
3 – Poetry	Examination	30%
4 – Coursework	Coursework	20%

What can this course lead to?

English Literature is a highly regarded subject that can lead into almost any course of study. Some of the most common career routes for A Level English Literature students are: publishing, journalism, marketing, public relations, politics, law and teaching.

What qualifications/qualities do I need to take this subject?

To study English Literature we recommend a B grade in GCSE English Language or Literature. For further information please do not hesitate to speak to Mrs Matthews or your own English teacher. We look forward to seeing you at the KS5 Open Evening.

Subject:	French	
Exam Board:	AQA	
Syllabus Code	7652	CRHS FRENCH CRHS SPANISH JE PENSE, DONC JE SUIS PIENSO, LUEGO EXISTO

We follow the AQA specification, a copy of which can be viewed online at www.aqa.org.uk. One of the aims of the course is to develop written and spoken competency in the language to an almost fluent level. There is a strong cultural theme to the course and candidates learn about the French-speaking world and contemporary social issues in France. We study a book and a film in preparation for paper 2. At present we are studying "Kiffe kiffe demain" by Faïza Guène. Translation features heavily in the course and candidates will develop a solid understanding of the key concepts of this skill.

Key skills learnt throughout the course include

- Spoken and written competency in French.
- An ability to summarise, analyse and present information.
- An ability to work with a range of other people and work collaboratively.
- A global understanding of the work place and current international trends and issues in France and French speaking countries.

Course assessment:

Paper 1 – Listening, Reading, and Translation (Exam – 40%)

Paper 2 – Writing (Exam – 30%)

Paper 3 - Speaking (Exam - 30%)

The A level course is examined entirely at the end of Year 13.

What can this course lead to?

The A Level provides an excellent foundation for future study at degree level or, for advanced use in the workplace.

Other avenues to explore may include continued study at University, study another subject overseas in Europe, International employment in IT, Finance and Commerce, gain employment working for IOM tourism board with TT and other activities, translating and interpretation studies, and gap year travelling and work opportunities amongst many others.

What qualifications/qualities do I need to take this subject?

The A Level French course is a highly academic A Level in which pupils develop their understanding and knowledge from GCSE. Due to the demands of the course, this A level is only suitable for those attaining a B grade or higher in French at GCSE.

Subject:	Geography
Exam Board:	Cambridge International
Syllabus Code:	9696



In Year 12 students will complete the following topics:

- Core Physical Geography: Hydrology and Fluvial Geomorphology, Atmosphere and Weather and Rocks and Weathering
- Core Human Geography: Population, Migration and Settlement Dynamics.

In Year 13 students will complete the following topics:

- Advanced Physical Geography Options: Coastal environments and Hazardous Environments
- Advanced Human Geography Options: Environmental Management and Global Interdependence

Course assessment:

Paper 1: Core Physical Geography
1 hour 30 minutes examination
2: Core Human Geography
1 hour 30 minutes examination

50% of marks at A Level 25% of marks at A Level 50% of marks at A Level 25% of marks at A Level

Students will sit papers 1 and 2 at the end of Year 12

Paper 3: Advanced Physical Geography Paper 4: Advanced Human Geography

1 hour 30 minutes examination 25% of A Level 1 hour 30 minutes examination 25% of A Level

Students will sit papers 3 and 4 at the end of Year 13

What can this course lead to?

As the Geography course studies human and physical geography environments and the interaction between these environments, there are a number of careers that students can pursue. For example, sustainability and more current issues such as climate change; society, development and global issues, settlement and tourism. Our work on global dependence and global economics relates to anyone who this thinking of a career in business.

What qualifications/qualities do I need to take this subject?

Are you able to apply your own geographical knowledge? Are you interested in understanding and developing skills to make sense of the world? Are you an independent leaner but also have the ability to work as part of a team? If you have answered yes to any of these questions and you also have an interest in the world around you, then Geography is the subject for you.

Subject:	Health & Social Care	
Exam Board:	Pearson BTEC	
Syllabus Code:	601/7197/2 (single A Level equivalent);	
	601/7199/6 (1.5 A Level equivalent)	

Health & Social Care is currently our most popular Year 12 subject. The skills learned on this course are relevant to any people-based career and are helpful for individuals and families throughout life. There is also a huge demand for well qualified care professionals, and demographic factors indicate that this demand will continue to grow. This course helps you to get a job. The Extended Certificate is equivalent to one A Level and comprises the following units. Some example questions are provided, there are many more!

Year 1 Units		Yea	Year 2 Units	
Human Lifespan Development	Meeting Individual Care and Support Needs	Working in Health and Social Care	Physiological Disorders and their Care	
How do we change as we age? How do we develop skills? How do we learn language?	How do we develop communication and observation skills? How can we handle difficult situations?	How do we support mental and physical ill health?	What is the impact on physical, mental, social and emotional health of having different diseases?	
How are self-esteem and self-image established and developed?	How can we establish trust in our relationships?	What responsibilities do workers have towards service users and each other?	What causes major disorders? How are they diagnosed and treated?	
What is the impact on society as we live longer?	What ethical considerations are there when supporting others?	What do you do if you think there are unsafe practices at work?	What is the impact on carers of providing long-term care?	

Students may also choose to study two additional units: Nutritional Health, and Principles of Safe Practice in Health and Social Care in order to gain a **Foundation Diploma worth 1.5 A Levels**. Two extra taught lessons are provided each week for students choosing this route.

Course assessment:

Human Lifespan Development and Working in Health and Social Care are assessed via exam, each lasting 90 minutes. You can sit each up to three times. The other units are assessed through project work (coursework), for which full support is provided.

What can this course lead to?

A huge range of careers including within the NHS, Social Work, Care Work and Youth Work; Charity work; Teaching; Police, Prison, and Youth Justice careers; specialist therapy, legal and public policy. The skills developed are applicable to almost every organisation where you might work with others.

What qualifications/qualities do I need to take this subject?

You need an interest in people, a willingness to explore and discuss issues, and a desire to understand more about health, care, law and relationships. You also need to be able to meet deadlines.

Subject: History Exam Board: OCR Syllabus Code: History A H505



Course outline:

Year 12

UNIT ONE – British period study and enquiry

England 1445-1509: Lancastrians, Yorkist's and Henry VII,

Enquiry topic – War of the Roses 1445-1461



UNIT TWO - Non-British period study.

The USA in the 19th Century: Westward expansion And Civil War 1803-c.1890



Year 13 UNIT THREE – Thematic study and historical interpretations China and its Rulers 1839 – 1989



UNIT FOUR-

Topic based essay on 17th Century British History – The English Civil War and Cromwell



Course assessment:

We have chosen a varied course which allows you to develop your historical skills and understanding as well as exploring new areas of study.

Unit 1 is worth 25%	Unit 2 is worth 15%
1.5 hours examination	1hour examination
Unit 3 is worth 40%	Unit 4 is worth 20%
2.5 hours examination	

What can this course lead to?

History is a challenging, stimulating and exciting option to take at A Level. Advanced History forms an excellent preparation for either further study or a number of popular careers. It is highly regarded by employers, colleges and universities as a rigorous subject that allows candidates to show their true abilities.

What qualifications/qualities do I need to take this subject?

History is not simply a study of the past. In choosing A Level History, you want to improve your skills of enquiry, evaluation, recall, prioritisation, summary, debate, analysis and investigation. Moreover you want to improve and develop your ability to communicate your knowledge and reach substantiated judgements in a clear and effective manner.

- You need a genuine interest in the subject, real commitment and an enjoyment of reading.
- You need to be prepared to work hard and to be challenged.

Subject: Information Technology



Exam Board: Pearson BTEC
Syllabus Code: 601/7575/8

Course outline:

The objective of this qualification is to give learners the opportunity to develop their knowledge and skills in IT systems, systems management and social media in business. This will enable learners to progress to further study in the IT sector or other sectors.

Learners will study four units, three of which are mandatory:

Unit 1: Information Technology Systems - Studying the role of computer systems and the implications of their use in personal and professional situations.

Unit 2: Creating Systems to Manage Information - Learners study the design, creation, testing and evaluation of a relational database system to manage information.

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.

The last unit is a choice between either Unit 5: Data Modelling or Unit 6: Website Development. Units are assessed using a grading scale of Distinction (D), Merit (M), Pass (P), Near Pass (N) and Unclassified (U)

Course assessment:

Unit 1 - Information Technology Systems What's assessed This unit will give you a fundamental and synoptic understanding of all areas of IT, supporting your progression to an IT-related higher education course.	Unit 2 - Creating Systems to Manage Information What's assessed A task set, marked and completed using a computer under supervised conditions & submitted electronically	Unit 3 – Using Social Media in Business What's assessed Learners explore how businesses use social media to promote their products and services. Learners also implement social media activities in	Either Data Modelling or Website Development What's assessed The skills developed in these units are useful for progression to computing or business-related higher education courses or prepare you for employment as a
		a business to meet requirements.	website developer.
Assessed	Assessed	Assessed	Assessed
Written examination Two hours	External	Internal	Internal

What can this course lead to?

This qualification is designed for learners who are interested in 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.

What qualifications/qualities do I need to take this subject?

There are no formal entry requirements however it would be an advantage to have an ICT qualification or equivalent GCSE.

Subject: Mathematics Exam Board: Edexcel Syllabus Code: 9MA0



Course outline:

A Level Mathematics is quite different from Mathematics at IGCSE. There is a much stronger emphasis on algebraic manipulation and problem solving. The course begins on ensuring the necessary skills from IGCSE are in place in order for you to be in the best possible position to succeed. All students will need to upgrade their calculator to the Casio Class-Wiz. More information on this will be provided throughout the year.

Course assessment:

Paper 1: Pure Mathematics 1

Paper 2: Pure Mathematics 2

Each paper is:

2 hour written examination 33.33% of the qualification 100 marks

Content overview:

- Topic 1 proof
- Topic 2 Algebra and functions
- Topic 3 Coordinate geometry in the (x,y) plane
- Topic 4 Sequences and series
- Topic 5 Trigonometry
- Topic 6 Exponentials and logarithms
- Topic 7 Differentiation
- Topic 8 Integration
- Topic 9 Numerical methods
- Topic 10-Vectors

Assessment overview

- Paper 1 and 2 may contain questions on any topics from the Pure Mathematics content
- Students must answer all questions
- Calculators can be used in the assessment

Paper 3: Statistics and Mechanics

2 hour written examination 100 marks

Content overview

Section A1: Statistics

- Topic 1 Statistical sampling
- Topic 2 Data presentation and interpretation
- Topic 3 Probability
- Topic 4 Statistical distributions
- Topic 5 Statistical hypothesis testing

Section B1: Mechanics

- Topic 6 Quantities and units in mechanics
- Topic 7 Kinematics
- Topic 8 Forces and Newton's laws
- Topic 9 Moments

Assessment overview

- Paper 3 will contain questions on topics from the Statistics content in Section A and Mechanics content in Section B
- Students must answer all questions
- Calculators can be used in the assessment

Mathematics can open the doors to any number of courses. Not just because of its content, but because it demonstrates the ability to think logically and rationally. Mathematics is a language of communication right across the world and many courses will have some sort of Mathematical component such as Science, Psychology, Geography to name but a few.

What qualifications/qualities do I need to take this subject?

You must have achieved at least a grade B at IGCSE Mathematics.

Mathematics is not about learning facts or reading a textbook. You need to be prepared and enjoy solving problems and seeing how different topics can so easily merge together which will have been different at GCSE where topics can be seen as quite distinct.

Subject:	Music
Exam Board:	Cambridge International
Syllabus Code:	Music (9483)



The A Level Music course is a fantastic qualification that enables students to build on and develop their musical skills in a creative and individual way. The qualification lends itself well to students who have a passion for music and a good level of practical musicianship. The assessment over two years enables students in Y13 to pick and choose pathways which play to their strengths as a musician. In Year 13 students can decide to major in either performance or composition which makes the qualification tailor made for different degree courses and pathways.

Course assessment:

Year 12

Component 1: Listening 60% of AS/30% of A2 2 hour written exam

Section A: Compositional Techniques & Performance Practice

Based on 2 set works:

Handel- Music for Royal Fireworks Bach- Brandenburg Concerto No.5

Section B: Understanding Music (2019 & 2020 The

Sea)

Based on 3 set works:

Wagner- Der flieglende Hollander (Flying Dutchman) Britten- Four Sea Interludes

Lili Boulanger- Les Sirenes

Section C: Connecting Music (30 marks) Wider knowledge of musical genres and styles from different continents around the world.

Component 2: Practical Musicianship 40% of AS /20% of A2

Students will complete the following two tasks

Performing (24%)

6 to 10 minutes recital of music showing different styles

Composing (16%)

Two contrasting compositions each lasting 1-2 minutes

YEAR 13

Students choose two out of the following 3 Components for their A2 Units

Component 3: Performing 50% of A2/25% of qualification

Extended Performance in a style of your choice related to your instrument

15 – 20 minute recital based on a single focus A research report that explains the prep and research for the performance of 1000- 1500 words.

Component 4: Composing 50% of A2/25% of qualification

Extended Composition in a style of your choice A single composition lasting 6 – 8 minutes Research report of 1000-1500 words

Component 5: Investigation Music 50% of A2/ 25% of qualification

Outline proposal must be submitted to Cambridge for approval

Essay of 2500 – 3000 words on a topic of your choice

Reflective statement up to 500 words

What qualifications/qualities do I need to take this subject?

While students can join the course without having completed GCSE Music, it is advised that students have a good practical and theoretical understanding of music in order to meet the challenges of the course. IGCSE Music is advisable.

What can this course lead to?

The A Level course in Music can lead onto a range of practical and composition courses at university and Musical college institutions. Many students go into exciting careers which involve music technology and working in modern recording studios and settings. There are a range of pathways which involve music which makes the qualification a popular choice at A Level.

Subject:	Performance
	(Dance)
Exam Board:	Pearson BTEC
Syllabus Code:	Extended Certificate in
	Performance (Dance
	Pathway)



The course will provide insight into the Performing Arts sector specifically focused on Dance. It will give you an understanding of Dance within the Performing Arts with a specific focus on the essential skills, techniques and disciplines needed for a variety of careers in Dance. The qualification provides you with an insight into the employment opportunities available, helping you to choose a career or move on to further study. You will have the opportunity to prepare and perform as part of a Dance company presenting work within several Dance shows throughout the course. The course focuses on practical skills and techniques in a range of Dance styles as well as critical analysis skills and contextual understanding of professional Dance practitioners work.

Course assessment:

The Extended Certificate involves four units which are a combination of two internally set units as well as two mandatory external exam board set tasks. Three of the four units are practical based. These three units will take the shape of a practical technique of a variety of genres, performance and undertaking choreographic research within a team as well as individually. This qualification also involves one written exam, focusing on Dance practitioners, to be completed in controlled conditions, which draws on pre-released information.

What can this course lead to?

This course can assist in opening the doors into future careers such as a:

- Choreographer
- Community Dance Practitioner
- Costume/Set Designer
- Dance Performer
- Dance/Arts/Culture Officer
- Dance Company Education Specialist
- Dance Film Maker
- Dance Movement Therapist
- Dance Journalist
- Dance Lecturer or Academic Researcher
- Dance Photographer
- Dance Project Coordinator or Administrator Dance
- Producer Dance Science
- Dance Teacher
- Lighting Designer/Technical Production
- Management Specialist
- Notation/Choreology
- Pilates Instructor
- Press and Public Relations Specialist
- Yoga Instructor
- Youth Worker

What qualifications/qualities do I need to take this subject?

In order to take this qualification, dance experience is needed. If you have previously taken GCSE/BTEC level 2 Dance or have any grades in ballet, modern etc. then this is the course for you. If your experience is driven from a non-assessed route thus far then this course could also be for you. The main requirements are experience of performing (either inside or outside of school), plus enthusiasm, energy, commitment and the ability to work hard as part of a team.

Subject:	Performing Arts	10 53
Exam Board:	Pearson BTEC	
Syllabus Code:	Extended Certificate in Performing Arts	GREATE, PERFORM, INSPIRE.

This course will consist of opportunities for students to ...

- Conduct and develop key research, critical analysis and extended writing skills that support their needs as they move into higher education.
- Students will develop a good understanding of the work of influential practitioners to inform their own work and practice. These practitioners and styles will be selected according to the strengths and interests of the cohort.
- An introduction to the performing arts where learners will develop the appropriate skills and techniques in various performance disciplines such as acting, dance, musical theatre and physical theatre.
- Group performance, where learners will develop the essential psychomotor and affective skills essential for the performing arts.
- They will develop physical techniques as well as wider transferable skills, such as being able to work
 collaboratively, personal management and organisation (rehearsals, time-management), being able to
 give and take direction, confidence in front of an audience, problem solving (refining the process) and
 teamwork (essential when dancing as a group). Learners will understand different audiences.

Course assessment:

- Unit 1. Investigating Practitioners' Work (Externally Assessed)
- Unit 2. Developing Skills and Techniques for Live Performance (Internally Assessed)
- Unit 3. Group Performance Workshop (Externally Assessed)
- Unit 4. Additional Unit (decided according to strengths and interests) (Internally assessed)

Additional Unit:

/ to office of the			
Classical Ballet Technique	Contemporary Dance Techniques	Street Dance Technique	Acting Styles
Tap Dance Technique	Interpreting Classical Text for Performance	Musical Theatre Technique	Improvisation
Jazz Dance Technique	Developing the Voice for Performance	Movement in Performance	Variety Performance

What can this course lead to?

The Extended Certificate is for learners who are interested in learning about the performing arts sector alongside other fields of study. This qualification has been written in collaboration with employers and representatives from higher education and relevant professional bodies. In this way, the content is relevant for all students. This course is ideal for those wishing to continue their studies or seek employment within the performing arts sector in relation to the knowledge, understanding, skills and attributes required for their success in the future.

What qualifications/qualities do I need to take this subject?

GCSE Drama

Any of the following would also be beneficial:

- LAMDA Examinations
- Experience of extra-curricular performance
- Member of Amateur Dramatic group or Drama/Dance School

Subject: Physical Education Exam Board: AQA

Exam Board: AQA
Syllabus Code: 7582



Course outline:

The PE course welcomes students who show an interest in all aspects of sport. It is weighted heavily towards the theory in comparison to GCSE and it would be beneficial for students to have some knowledge of the topics already identified. Students should have **one** strong practical area, which they continue to participate in on a regular basis, either at school or at club level. It is critical that students are organised, hardworking and self-motivated in their desire to succeed.

Course assessment:

Component 1: Theory

70%

Pupils will be required to sit two 2hr exams at the end of the two-year course. The exams will consist of multiple choice, short and extended questions and will be based on the following seven areas:

- Applied Physiology
- Skill acquisition
- Sport and the Society
- Exercise Physiology
- Sports Psychology
- Sport and Technology

Component 2: Practical

30%

Candidates are assessed in **one** practical activity as a performer or coach. The assessment is based on a video that is produced by the candidate and is worth 50% of the practical component. It should showcase their ability to perform in a fully competitive situation.

Candidates also have to produce written coursework that analyses their own performance in their chosen activity. This is worth the remaining 50% of the practical component.

What can this course lead to?

An A Level in PE can help towards a vast number of careers or vocations including Sports Science, Sports Psychology, Personal Trainer, Outdoor Pursuits Instructor, Nutritionist, Medicine, Teaching, Sports Coaching, Management or Physiotherapy.

What qualifications/qualities do I need to take this subject?

Theoretically, having an IGCSE in Physical Education will give you an advantage if you were to choose the A Level. It is not however a requirement.

Practically, it is expected that you are playing your chosen practical activity for the school (if applicable), as well as competing at club level. A commitment to extracurricular sports and Senior games is also an expectation. Please speak to Mr. Caldwell or Mrs Miller if you have any questions/concerns regarding these commitments.

Subject: Physics Exam Board: OCR (Specification A) Syllabus Code: H556



Course outline:

Year 12 topics include the following: Development of Practical Skills in Physics, Foundations in Physics, Mechanics, Electrical Circuits, Materials, Quantum Physics and Wave Particle Duality.

In addition, the full A Level course includes: Gravitational Fields, Thermodynamics, Astrophysics, Cosmology, Capacitors, Electric Fields, Magnetic Fields, Electric Fields, Nuclear Physics and Medical Imaging.

Course assessment:

For the full A Level, there are three exam papers as follows:

Paper 1 'Modelling Physics' is 2hrs 15mins – it examines material from modules 1, 2, 3 and 5.

Paper 2 'Exploring Physics' is 2hrs 15mins – it examines material from modules 1, 2, 4 and 6.

Paper 3 'Unified Physics' is 1hr 30mins – it examines material from all six modules.

The requisite practical activities will be completed to allow the award of the practical endorsement which accompanies the A Level grade.

Full details of the modules in the specification can be found at:

https://www.ocr.org.uk/qualifications/as-a-level-gce/physics-a-h156-h556-from-2015/specification-at-a-glance/

What can this course lead to?

Physics is a subject which opens up many exciting opportunities. Students with physics qualifications follow a wide variety of career pathways in areas such as medicine, engineering, astronomy, nanotechnology, renewable energy, finance and education.

What qualifications/qualities do I need to take this subject?

IGCSE Coordinated Science or IGCSE Physics with a pass at grade B or above. Also GCSE or IGCSE Mathematics with a pass at grade B or above.

During the course students will develop their higher order thinking skills and independent study skills.

Subject:	Psychology	
Exam Board:	AQA	
Syllabus Code:	7182	

Psychology is a science concerned with the study of the mind and human behaviour. This course enables students to develop a broad knowledge and understanding of the core areas of Psychology. They will be given a general introduction to psychological concepts, theories, research findings and their application to real life. The emphasis of this qualification is on applying knowledge and understanding rather than just acquiring knowledge. Students will learn to analyse and evaluate scientific research and to develop their critical thinking skills.

Course assessment:

This is an exam based A Level with three written exams sat at the end of year 13. Each exam is made up of multiple choice, short answer and extended writing

Paper 1: Introductory topics in Psychology:

(1) Social Influence (2) Memory (3) Attachment (4) Approaches in Psychology

2 hours. 33.3% of A-level

Paper 2: Psychology in Context

(1) Psychopathology (2) Biopsychology (3) Research Methods

2 hours. 33.3% of A-level

Paper 3: Issues and Options in Psychology

(1) Issues and debates in psychology (2) Cognition and Development (3) Schizophrenia (4) Forensics

2 hours. 33.3% of A-level

What can this course lead to?

Psychology is a subject well respected by the Universities. It fits particularly well with the other Sciences, PE and Health and Social Care. Students who have studied Psychology to A Level will find it leads to many careers, not only those directly based in Psychology. These include media and advertising, marketing and sales, medicine, teaching, business, law and people management.

What qualifications/qualities do I need to take this subject?

This is an exciting yet challenging course, there is no denying that it is time-consuming and content heavy. Students aiming to study Psychology must be ready to learn extensive new terminology and be keen to read around the subject. A commitment to independent study is essential for success.

For students to be successful we require a minimum grade B at GCSE English Language and recommend a science GCSE (preferably Biology) and Maths at grade B.

Subject: Religious Studies Exam Board: WJEC Syllabus Code: 3356 EXPAND:

Course outline:

Religious Studies A Level is no way an 'easy option'. It involves studying and analysing complex theories and ideas about philosophy and religion. It allows you to explore ideas and theories which will boggle your mind and make you inquisitive of the world around you.

A Level entries in the UK have increased more than any arts, humanities or social science subject over the past 10 years. This is because of the fascination, explorative and academic nature of the subject. The Russell Group of top universities and both Oxford and Cambridge recognise it as a credible subject which prepares students for university or further education.

Component 1: A study of Christianity

Component 2: Philosophy of Religion

- Arguments for the existence of god
- Challenges to religious belief
- · Religions experience
- Religious language

Component 3: Religion and Ethics

- Ethical thought
- Deontological ethics
- Teleological ethics
- Determinism and Free Will

Course assessment:

There is no coursework requirement, thus your final grade depends on your performance in final examinations (3 at the end of Year 13). Essay writing is a key skill that you must have and develop during the course.

What can this course lead to?

The study of religion, ethics and philosophy opens many doors in terms of career opportunities. Those who study these areas go on to work in law, education, social work, business, politics, journalism, medicine and the armed forces among many other areas.

What qualifications/qualities do I need to take this subject?

- Analytical and strategic thinking
- Research skills
- Critical Judgement
- The ability to work with abstract, conceptual ideas
- An ability to 'understand both sides' in order to negotiate and solve conflict
- Problem solving
- Leadership
- Understand the impact of different cultures.

Subject:	Sociology
Exam Board:	AQA
Syllabus Code:	

In Education we will examine why some pupils achieve more than others? Sociologists have examined the role of education in society and who benefits from it. How do government policies affect schools? What is the experience of education for individual students?

In Family and Households we will explore: Are husbands and wives equal today? How far has the position of children and our attitudes towards childhood changed? What are the changes in family size, marriage, cohabitation, divorce and parenthood, and the increasing diversity of family types today? How do Government policies and laws impact on families?

In The Media Sociologists are interested in the relationship between ownership and control. What is the importance of popular culture? How do the Media present age, social class, ethnicity, gender, sexuality and disability?

In Crime and Deviance, what are the different theories connected to social order and control? What is the experience of victims? What is the role of the criminal justice system and other government agencies? What is green crime? Is there a link between state crime and human rights?

Course assessment:

A2 Level Paper 1: Education with Methods in Context

Paper 2: Topics in Sociology (a) Family and Households and (b) Mass Media

Paper 3: Crime and Deviance with Theory and Methods

What qualifications/qualities do I need to take this subject?

Good level of literacy and willingness to read deeply in relevant material is essential.