



John Port School

2017/18 Year 9 Options Booklet

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***The school may ask for voluntary contributions to cover the cost of visits/equipment/resources. No student will be at a disadvantage if they are unable to cover the amount. However, school reserves the right to cancel any visit if sufficient contributions are not made.**

FACULTY: MATHEMATICS

Course: GCSE Statistics

Director of Faculty: Miss A Smith
Director of Teaching and Learning (KS4): Mr B Razunguzwa

Course Type: Full Time **Duration of Course:** 2 years **Awarding Body** AQA

Qualification: GCSE Statistics

What will I learn on this course?

GCSE Statistics gives students the opportunity to broaden their knowledge in a key component of maths that is relevant to everyday life. They'll develop a core statistical grounding, as well as transferable skills and understanding applicable to a range of other subjects. Analysing and summarising data can help you see the bigger picture and make decisions in the future

The topics you will meet are:

- Planning a strategy
- Data collection
- Tabulation and representation
- Data analysis
- Probability

What are the entry requirements?

A knowledge of KS3 mathematics.

How will I be assessed?

Students may be entered for the higher or foundation tier examination at the end of the course. There are two 105 minute exam papers that are equally weighted. The available grades at foundation are 1-5 and the available grades at the higher tier are 4-9.

How is the course delivered?

This course is delivered through classroom teaching that may require discussion, written work, working individually and in groups.

How many hours of self-study will be required?

Approximately one hour per week, increasing as necessary when exam preparation is needed.

What materials do I have to provide?

Basic writing materials and mathematical equipment including a scientific calculator

What courses does this course work alongside?

GCSE Mathematics. It also complements subjects such as GCSE Biology, Psychology, Geography, Business and Economics.

What can I do after this course?

Many careers will require an understanding of statistical techniques. Other subject areas such as A level Mathematics, Economics, Business Studies, Social Sciences, Geography require an element of statistical knowledge.

What careers would this course be useful for?

Most careers require an understanding of statistical techniques. Data is used to analyse performance and feeds into the decision making process. Career paths could include Sociology, Psychology, Scientists, Health and Medical Research Professionals, Environmental Analysis, Software Developers, Public Sector Professionals, Business Consultants, Forensic Scientists, Marketing and Advertising Professionals amongst many others.

Who can I contact for further information about this course?

Mr Howitt - sho@johnport.derbyshire.sch.uk

FACULTY: MODERN FOREIGN LANGUAGES

Course: GCSE French

Director of Faculty: Mrs E Jugue
Director of Teaching and Learning: Mrs D Fisher

Course Type: Full Time **Duration of Course:** 2 years **Awarding Body** AQA

Qualification: General Certificate of Education in French

What will I learn on this course?

The course aims to develop the ability of the student to understand and communicate in the foreign language whilst acquiring knowledge of the language and language learning skills.

The course will allow students to understand the cultural context of the language, understand its grammar and syntax and will provide enjoyment, intellectual stimulation as well as the springboard for further study.

The work done in Years 7-9 complements the GCSE content. Previous knowledge is built upon as students continue to become more independent. Work is organised primarily around the three themes within the AQA Full Course GCSE:

- Theme 1: Identity and Culture
- Theme 2: Local, national, international and global areas of interest
- Theme 3: Current and future study and employment.

What are the entry requirements?

Students may only opt for the language(s) they have studied during years 7, 8 and 9. (Talented linguists and those students considering a career in languages should consider two language GCSEs). Students should enjoy studying languages, enjoy the puzzle of grammar and be prepared to work hard in lessons and at home.

How will I be assessed?

Listening, Speaking, Reading and Writing each constitute 25% and are assessed at the end of the course.

- **The Listening exam** requires students to understand and respond to different types of spoken language. Section A of the exam will have questions in English and section B will have questions in French.
- **The Speaking exam** will be conducted by the class teacher at the end of year 11. The tasks are taking part in a transaction activity (referred to as Role Play), talking about a photo card, and taking part in a conversation.
- **The Reading exam** requires responses to different types of written language. In addition to sections A and B there is a translation task from French to English.
- **The Writing exam** consists of different tasks depending on the tier taken and it is taken at the end of year 11. For Foundation Tier, students complete four tasks, which include writing sentences, a short paragraph, a translation from English into French, and a structured writing task. For Higher tier students have three tasks, which include a structured writing task, an open ended writing task and a translation from English into French.

How is the course delivered?

The course is delivered by one member of staff through classroom based learning.

How many hours of self-study will be required?

Approximately one hour per week, increasing as necessary when exam preparation is needed.

What are the mandatory modules or units – what will I have to study?

You will have to study the skills of listening, speaking, reading and writing across the topic areas above.

What are the additional modules – what can I study in addition?

Any additional self-study will benefit students, i.e. reading magazines in the foreign language, listening to French music, watching films in the Target Language and using the internet to listen to and read news items.

What materials do I have to provide?

English/French dictionary.

What courses does this course work alongside?

Geography, History, English.

What can I do after this course?

- Students will have better opportunities as it is recognised that “Languages open up a broad range of rewarding careers and open up a world of opportunity.*
- Over 290 million people speak French worldwide.
- The acquisition of a foreign language is deeply valued by employers and offers greater career opportunities.
- A GCSE in French will be a very worthwhile qualification in the future, both vocationally and for those going on to higher education.
- Some universities are beginning to insist on a language qualification at GCSE as it demonstrates intellect, determination and commitment.
- Even if you choose to specialise in another subject, many universities offer degree courses, which offer a language plus law, accountancy, design, dance etc. The possibilities are endless.

*(Minister of State for Schools and Learners)

What careers would this course be useful for?

As well as the ‘traditional language jobs’ such as teaching, the travel industry and interpreting/translating, a GCSE language could make the difference to your future in business, journalism, design, research, medicine, the armed forces etc. Learning a language opens up opportunities.

Who can I contact for further information about this course?

For further information, ask your French teacher or speak to Mrs Fisher (Director of Teaching and learning for French) or Mrs Jugue (Director of MFL Faculty).

FACULTY: MODERN FOREIGN LANGUAGES

Course: GCSE German

Director of Faculty: Mrs E Jugue
Director of Teaching and Learning: Mrs E Bailey

Course Type: Full Time **Duration of Course:** 2 years **Awarding Body** AQA

Qualification: General Certificate of Education in German

What will I learn on this course?

The course aims to develop the ability of the student to understand and communicate in the foreign language whilst acquiring knowledge of the language and language learning skills.

The course will allow students to understand the cultural context of the language, understand its grammar and syntax and will provide enjoyment, intellectual stimulation as well as the springboard for further study.

The work done in Years 7-9 complements the GCSE content. Previous knowledge is built upon as students continue to become more independent. Work is organised primarily around the three following themes within the AQA Full Course GCSE:

- Theme 1: Identity and Culture
- Theme 2: Local, national, international and global areas of interest
- Theme 3: Current and future study and employment

What are the entry requirements?

Students may only opt for the language(s) they have studied during years 7, 8 and 9. (Talented linguists and those students considering a career in languages should consider two language GCSEs). Students should enjoy studying languages, enjoy the puzzle of grammar and be prepared to work hard in lessons and at home.

How will I be assessed?

Listening, Speaking, Reading and Writing each constitute 25% and are assessed at the end of the course.

- **The Listening exam** requires students to understand and respond to different types of spoken language. Section A of the exam will have questions in English and section B will have questions in German.
- **The Speaking exam** will be conducted by the class teacher at the end of year 11. The tasks are taking part in a transaction activity (referred to as Role Play), talking about a photo card, and taking part in a conversation.
- **The Reading exam** requires responses to different types of written language. In addition to sections A and B there is a translation task from German to English.
- **The Writing exam** consists of different tasks depending on the tier taken and it is taken at the end of year 11. For Foundation Tier, students complete four tasks, which include writing sentences, a short paragraph, a translation from English into German, and a structured writing task. For Higher tier students have three tasks, which include a structured writing task, an open ended writing task and a translation from English into German.

How is the course delivered?

The course is delivered by one member of staff through classroom based learning.

How many hours of self-study will be required?

Approximately one hour per week, increasing as necessary when exam preparation is needed.

What are the mandatory modules or units – what will I have to study?

You will have to study the skills of listening, speaking, reading and writing across the topic areas above.

What are the additional modules – what can I study in addition?

Any additional self-study will benefit students, i.e. reading magazines in the foreign language, listening to CDs in German, watching films in the Target Language and using the internet to listen to and read news items.

What materials do I have to provide?

English/German dictionary.

What courses does this course work alongside?

Geography, RE, History and English.

What can I do after this course?

- Students will have better opportunities as it is recognised that “Languages open up a broad range of rewarding careers and open up a world of opportunity.*
- Germany is still Europe’s biggest economy and exporter and over 200 million people speak German worldwide.
- The acquisition of a foreign language is deeply valued by employers and offers greater career opportunities.
- A GCSE in German will be a very worthwhile qualification in the future, both vocationally and for those going on to higher education.
- Some universities are beginning to insist on a language qualification at GCSE as it demonstrates intellect, determination and commitment.
- Even if you choose to specialise in another subject, many universities offer degree courses, which offer a language plus law, accountancy, design, dance etc. The possibilities are endless.

*(Minister of State for Schools and Learners)

What careers would this course be useful for?

As well as the ‘traditional language jobs’ such as teaching, the travel industry and interpreting/translating, a GCSE language could make the difference to your future in business, journalism, design, research, medicine, the armed forces etc. Learning a language opens up opportunities.

Who can I contact for further information about this course?

For further information, ask your German teacher or speak to Mrs Bailey (Director of Teaching and Learning for German) or Mrs Jugue (Director of MFL Faculty).

FACULTY: MODERN FOREIGN LANGUAGES

Course: GCSE Spanish

Director of Faculty: Mrs E Jugue
Director of Teaching and Learning: Miss A Clements

Course Type: Full Time **Duration of Course:** 2 years **Awarding Body** AQA

Qualification: General Certificate of Education in Spanish

What will I learn on this course?

The course aims to develop the ability of the student to understand and communicate in the foreign language whilst acquiring knowledge of the language and language learning skills.

The course will allow students to understand the cultural context of the language, understand its grammar and syntax and will provide enjoyment, intellectual stimulation as well as the springboard for further study.

The work done in Years 7-9 complements the GCSE content. Previous knowledge is built upon as students continue to become more independent. Work is organised primarily around the five following themes within the AQA Full Course GCSE:

- Theme 1: Identity and Culture
- Theme 2: Local, national, international and global areas of interest
- Theme 3: Current and future study and employment

What are the entry requirements?

Students may only opt for the language(s) they have studied during years 7, 8 and 9. (Talented linguists and those students considering a career in languages should consider two language GCSEs). Students should enjoy studying languages, enjoy the puzzle of grammar and be prepared to work hard in lessons and at home.

How will I be assessed?

Listening, Speaking, Reading and Writing each constitute 25% and are assessed at the end of the course.

- **The Listening exam** requires students to understand and respond to different types of spoken language. Section A of the exam will have questions in English and section B will have questions in Spanish.
- **The Speaking exam** will be conducted by the class teacher at the end of year 11. The tasks are taking part in a transaction activity (referred to as Role Play), talking about a photo card, and taking part in a conversation.
- **The Reading exam** requires responses to different types of written language. In addition to sections A and B there is a translation task from Spanish to English.
- **The Writing exam** consists of different tasks depending on the tier taken and it is taken at the end of year 11. For Foundation Tier, students complete four tasks, which include writing sentences, a short paragraph, a translation from English into Spanish, and a structured writing task. For Higher tier students have three tasks, which include a structured writing task, an open ended writing task and a translation from English into Spanish.

How is the course delivered?

The course is delivered by one member of staff through classroom based learning.

How many hours of self-study will be required?

Approximately one hour per week, increasing as necessary when exam preparation is needed.

What are the mandatory modules or units – what will I have to study?

You will have to study the skills of listening, speaking, reading and writing across the topic areas above.

What are the additional modules – what can I study in addition?

Any additional self-study will benefit students, i.e. reading magazines in the foreign language, listening to CDs in Spanish, watching films in the Target Language and using the internet to listen to and read news items.

What materials do I have to provide?

English/Spanish dictionary.

What courses does this course work alongside?

Geography, RE, History and English.

What can I do after this course?

- Students will have better opportunities as it is recognised that “Languages open up a broad range of rewarding careers and open up a world of opportunity.*
- Over 400 million people speak Spanish worldwide.
- The acquisition of a foreign language is deeply valued by employers and offers greater career opportunities.
- A GCSE in Spanish will be a very worthwhile qualification in the future, both vocationally and for those going on to higher education.
- Some universities are beginning to insist on a language qualification at GCSE as it demonstrates intellect, determination and commitment.
- Even if you choose to specialise in another subject, many universities offer degree courses, which offer a language plus law, accountancy, design, dance etc. The possibilities are endless.

*(Minister of State for Schools and Learners)

What careers would this course be useful for?

As well as the ‘traditional language jobs’ such as teaching, the travel industry and interpreting/translating, a GCSE language could make the difference to your future in business, journalism, design, research, medicine, the armed forces etc. Learning a language opens up opportunities.

Who can I contact for further information about this course?

For further information, ask your Spanish teacher or speak to Miss Clements (Director of Teaching and Learning for KS4 and KS5 Spanish) or Mrs Jugue (Director of MFL Faculty).

FACULTY: PERFORMANCE and ART

Course: GCSE Art, Craft and Design

Director of Faculty: Mr A Mara
Director of Teaching and Learning: Mrs H Udall

Course Type: Full Time **Duration of Course:** 2 years **Awarding Body** AQA

Qualification: GCSE Fine Art

What will I learn on this course?

The GCSE specification encourages students to explore and interpret observations creatively, through the use of a wide variety of materials and techniques. It develops imagination, sensitivity and practical skills for working in art, craft and design. The specification also aims to develop visual literacy and a greater understanding and appreciation of the richness of our cultural heritage and environment as well as an understanding of different styles, genres and traditions through practical and critical responses.

This is an unendorsed course. Students will be introduced to a variety of experiences exploring a range of two and/or three dimensional media, techniques and processes including both traditional and new technologies. You will work in one or more areas from the endorsements and may explore overlapping areas and combinations of areas such as those listed below:

- drawing
- painting
- sculpture
- installation
- lens-/light-based media
- photography and the moving image
- printmaking
- mixed media
- land art.

They may explore overlapping areas and combinations of areas.

What are the entry requirements?

Students will be expected to exhibit a personal interest in Art and Design in its widest sense, showing ambition, focus and drive when learning and applying skills and techniques in their own work. They will be expected to be enthusiastic, open minded and inspired by experiences of the work and practices of individuals, organisations and creative and cultural industries.

How will I be assessed?

Students will be regularly assessed during the two year course using the AQA assessment criteria, each of which is equally weighted. Marking is out of 96. There are four assessment objectives covering:

- the development of ideas through investigations informed by contextual and other sources demonstrating analytical and critical understanding
- refinement of ideas through experimenting and selecting appropriate resources, media, materials, techniques and processes
- the recording of ideas, observations and insights relevant to intentions in visual and/or other forms
- the presentation of a personal, informed and meaningful response demonstrating analytical and critical understanding, realising intentions and where appropriate, making connections between visual, written, oral and other elements.

How is the course delivered?

Classroom taught sessions and extra opportunity to work within the department outside lesson time.

How many hours of self-study will be required?

Approximately one hour per week, increasing as necessary when exam preparation is needed.

What are the mandatory modules or units – what will I have to study?

The two-year course is broken down into two parts:

- **Component 1:** Portfolio of work – Marked out of 96 = 60% of total marks. Students are required to submit a portfolio that comprises a sustained project with a final outcome, and a selection of further work which represents their course of study
- **Component 2:** Externally Set Task – Marked out of 96 = 40% of total marks. One question is selected from an externally set paper that is issued to students from January 1st of Year 11. This is followed by unlimited preparation time for preliminary and supporting studies followed by ten hours of supervised time for the final realisation. The work is internally marked and externally moderated by AQA.

What are the additional modules – what can I study in addition?

Not applicable.

What materials do I have to provide?

Sketchbook and any art materials necessary to continue work at home.

What can I do after this course?

Students can continue with their studies at John Port School by taking AS and A2 courses in Fine Art and Textile Design. BTEC courses are also available at other centres.

What careers would this course be useful for?

The attainment of this course would be useful for future careers in Multimedia, Advertising, Architecture, Illustration, Graphic Design, Publishing, Web Design, Retail, Fashion and Textile industries, Animation, TV and Film, Photography, Printmaking, Museum and Gallery work, Restoration and Conservation, Teaching, Therapy and the Caring Professions, Ceramics industry etc.

Who can I contact for further information about this course?

Mrs H Udall [Director of Teaching and Learning for Art & Textile Design]

FACULTY: PERFORMANCE and ART

Course: GCSE Art and Design – Textile Design

Director of Faculty: Mr A Mara
Director of Teaching and Learning: Mrs H Udall

Course Type: Full Time **Duration of Course:** 2 years **Awarding Body** AQA

Qualification: GCSE Art & Design – Textile Design [8204]

What will I learn on this course?

The GCSE specification encourages students to record and interpret observations creatively, through the use of a wide variety of materials and techniques. It develops imagination, sensitivity and practical skills for exploring textile art and fashion design. The specification also aims to develop visual literacy and a greater understanding and appreciation of the richness of our cultural heritage and environment as well as an understanding of different styles, genres and traditions through practical and critical responses. Students work to an 'Endorsed' specification in Textile Design covering a wide variety of topics thus ensuring a varied and exciting course.

Students will be introduced to a variety of experiences exploring a range of textile media, techniques and processes including both traditional and new technologies. You will work in one or more area(s) of Textile Design and may explore overlapping areas and combinations of areas such as those listed below:

- Fashion and/or costume
- Printed and/or dyed materials
- Domestic textiles
- Constructed and/or applied textiles
- Constructed and/or stitched and/or embellished textiles

What are the entry requirements?

Students will be expected to exhibit a personal interest in Textile Design in its widest sense, showing ambition, focus and drive when learning and applying skills and techniques in their own work. They will be expected to be enthusiastic, open minded and inspired by experiences of the work and practices of individuals, organisations and creative and cultural industries.

How will I be assessed?

Students will be regularly assessed during the two year course using the AQA assessment criteria, each of which is equally weighted. Marking is out of 96. There are four assessment objectives covering:

- the development of ideas through investigations informed by contextual and other sources demonstrating analytical and critical understanding
- refinement of ideas through experimenting and selecting appropriate resources, media, materials, techniques and processes
- the recording of ideas, observations and insights relevant to intentions in visual and/or other forms
- the presentation of a personal, informed and meaningful response demonstrating analytical and critical understanding, realising intentions and where appropriate, making connections between visual, written, oral and other elements.

How is the course delivered?

Classroom taught sessions and extra opportunity to work within the department outside lesson time.

How many hours of self-study will be required?

Approximately one hour per week, increasing as necessary when exam preparation is needed.

What are the mandatory modules or units – what will I have to study?

The two-year course is broken down into two parts:

- **Component 1:** Portfolio of work – Marked out of 96 = 60% of total marks. Students are required to submit a portfolio that comprises a sustained project with a final outcome, and a selection of further work which represents their course of study
- **Component 2:** Externally Set Task – Marked out of 96 = 40% of total marks. One question is selected from an externally set paper that is issued to students from January 1st of Year 11. This is followed by unlimited preparation time for preliminary and supporting studies followed by ten hours of supervised time for the final realisation. The work is internally marked and externally moderated by AQA.

What are the additional modules – what can I study in addition?

Not applicable.

What materials do I have to provide?

- Students work in sketchbooks and will need to have access to a range of drawing and textile materials for self-generated and set homework tasks.

What can I do after this course?

Students can continue with their studies at John Port School by taking AS and A2 courses in Fine Art and Textile Design. BTEC courses are also available at other centres.

What careers would this course be useful for?

The attainment of this course would be useful for future careers in Fashion and Textile industries; Costume and Theatrical design; Colourist; Embroidery designer; Knitwear designer; Multimedia; Teaching; Therapy and the Caring Professions; Retail; TV and Film; Pattern cutter; Printmaking; Museum and Gallery work; Restoration and Conservation etc.

Who can I contact for further information about this course?

Mrs H Udall [Director of Teaching and Learning for Art & Textile Design]

FACULTY: PERFORMANCE and ART

Course: GCSE Drama

Director of Faculty: Mr A Mara

Director of Teaching and Learning: Mrs J Edwards

Course Type: Full Time **Duration of Course:** 2 years **Awarding Body** Edexcel

Qualification: GCSE Drama

What will I learn on this course?

The GCSE specification allows students to explore drama in number of different ways. The course is broken down into three components, which look at a candidate's ability to devise Drama, interpret text for performance and then take a written exam from the perspective of a director/actor and theatre critic. Students will learn how to consider a range of strategies, elements and mediums in order to stimulate and engage audiences.

What are the entry requirements?

Candidates are expected to exhibit a personal interest in Drama, an aptitude for working with others and a commitment to work outside of curriculum time.

How will I be assessed?

The first component will be assessed internally. Students will prepare a devised performance, complimenting their practical work with a form of exploration diary. The second component will be an externally assessed practical exam of a script. The final component will be a timed written exam.

How is the course delivered?

The course is still predominantly practical and consists of classroom taught lessons and rehearsal sessions. However, there will also be weeks of the course devoted to the skills needed for the written exam. The learning will focus on the perspectives required rather than any English elements in relation to the written exam.

How many hours of self-study will be required?

Approximately one hour per week, increasing as necessary when exam preparation is needed.

What are the mandatory modules or units – what will I have to study?

- Component 1 – The Devising process
- Component 2 – Text for Performance
- Component 3 – Theatre Makers in Practice

What are the additional modules – what can I study in addition? - Not applicable.

Are there any additional costs or is any specialist equipment required? *

Candidates will be required to go to the theatre to complete the live theatre evaluation questions in the written exam. We recommend a number of visits over the two years.

What courses does this course work alongside?

As a creative subject, Drama works well alongside many other Arts options.

What can I do after this course?

The GCSE course is a good base to continue on to the A Level course (available at John Port School).

What careers would this course be useful for?

Drama not only provides you with the skills of the subject but transferable skills; teamwork, negotiation, presentation skills and confidence to name a few. Students who have done Drama often exhibit good problem solving skills, which would be useful for many types of employment.

Who can I contact for further information about this course?

Mrs J Edwards [Director of Teaching and Learning for Drama]

FACULTY: PERFORMANCE and ART

Course: GCSE Music

Director of Faculty: Mr A Mara
Director of Teaching and Learning: Mrs C Glenville

Course Type: Full Time **Duration of Course:** 2 years **Awarding Body** Edexcel

Qualification: GCSE Music

What will I learn on this course?

This course will teach students how to use a range of musical skills to perform, compose and arrange music. It will also teach them how to use their musical knowledge and understanding to listen to a range of set pieces and analyse their content and context.

What are the entry requirements?

Having an interest in music is essential, as candidates will be required to perform musically on an instrument or using their voice.

How will I be assessed?

- Continual assessment throughout the course.
- Performances will take place in Spring of Year 11. These are teacher assessed.
- Composition tasks will need to be completed.
- A final exam will take place towards the end of Year 11.

How is the course delivered?

The course is classroom based.

How many hours of self-study will be required?

Approximately one hour per week, increasing as necessary when exam preparation is needed. Students will be required to listen to eight set works as well as a range of music based around them on a regular basis. They will also be expected to practice their chosen instrument/ voice so that they will meet the expected standard of performance. Composition is an ongoing task so students would be expected to keep a composition notebook so that they can note down ideas.

What materials do I have to provide?

Either a musical instrument or access to a musical instrument including voice.

Are there any additional costs or is any specialist equipment required?

Vocal or instrumental lessons are recommended. Lessons are available at school on a private basis - there may be help with the cost of these if a student is in receipt of free school meals. There will also be the opportunity to attend concerts during the course.

What careers would this course be useful for?

Music is unique subject as it requires artistic, analytical, and linguistic skills. For this reason it is highly regarded in many career pathways. It is essential if you wish to follow a career in Music and is advisable for other Performance arts subjects.

Who can I contact for further information about this course?

Mrs A Mara [Director of Faculty]

FACULTY: PERFORMANCE and ART

Course: GCSE in Physical Education – Full Course

Director of Faculty: Mr A Mara
Director of Teaching and Learning: Mr S Monaghan

Course Type: Full Time **Duration of Course:** 2 years **Awarding Body:** OCR

Qualification: GCSE in Physical Education

What will I learn on this course?

The course will provide theoretical and practical opportunities, encouraging learners to be inspired, motivated and challenged by the subject and enable them to make informed decisions about further learning opportunities and career pathways. Physical Education will equip learners with the knowledge, understanding, skills and values to develop and maintain their performance in physical activities and understand the benefits to health, fitness and well-being.

What are the entry requirements?

Students will be assessed in **three** practical activities, including **one individual** and **one team** sport, plus **one** other activity. **Students should already be a regular participant in an organised sports team or club at school team level or equivalent in at least two sports recognised for assessment in PE.** Students should also have a very good record of participation in PE in Year 9.

How will I be assessed? The GCSE PE course covers:

Paper 1 : The Human Body and Movement in Physical Activity and Sport	
30% of the total GCSE marks External assessment. One hour written paper 60 marks.	This unit will be assessed through a written examination. Content: Applied Anatomy and Physiology and Physical Training.
Paper 2: Socio-Cultural Influences and Well-Being in Physical Activity and Sport	
30% of the total GCSE marks External assessment One hour written paper 60 marks.	This unit will be assessed through a written examination Content: Socio-Cultural Influences, Sports Psychology and Health, Fitness and Well-being.
Practical Performance in Physical Activity and Sport	
30% of the total GCSE marks Three activities, each being worth 10% of the qualification.	Student's assessed in three different activities (one team, one individual and one from either list) as a performer only . This unit is internally assessed and externally moderated.
Performance Analysis	
10% of the total GCSE marks (Written Task)	Analysing and evaluating a performance in an activity (from the practical performance list). Evaluate strength and weaknesses of performance and produce an action plan.

How is the course delivered?

- The course will be delivered through classroom based theory work and through a range of different practical based activities.
- There will be a greater emphasis upon theory work with the increase of written examinations (60% plus 10% coursework).

How many hours of self-study will be required?

One hour per week, in addition to regular participation in organised sport.

What are the mandatory modules or units – *what will I have to study?*

Component 01: Physical Factors Affecting Performance
1.1 Applied Anatomy and Physiology 1.2 Physical Training
Component 02: Socio-Cultural Issues and Sports Psychology
2.1 Socio-Cultural Influences 2.2 Sports Psychology 2.3 Health, Fitness and Well-being
Component 03: Performance in Physical Education
Performance of three activities taken from the two approved lists. <ul style="list-style-type: none">• One from the 'individual' list• One from the 'team' list• One other from either list
Performance Analysis
3.2 Analysing and Evaluating Performance (AEP), task-based.

What are the additional modules – what can I study in addition?

Not applicable.

Are there any additional costs or is any specialist equipment required? *

There is a uniform kit for this course. The current basic personalised kit package cost approximately £40. Students may also use this GCSE PE kit for 'Core' PE lessons.

What can I do after this course?

- A Levels
- BTEC Diploma (Level 3)
- Employment within the Sports and Leisure Sector (i.e. Coaching, Leadership, Fitness Instructing, Sports Development etc.)

What careers would this course be useful for?

- Sports Coach and Leader
- PE Teacher
- Fitness Instructor
- Sports Development Officer
- Sports Journalism
- Sports Media
- Leisure Centre Attendant
- Pool Lifeguard
- Sport and Leisure Sales Industry
- Community Health Officer
- Sports Physiotherapy.

Who can I contact for further information about this course?

Mr Monaghan (Director for Teaching and Learning PE)

FACULTY: SOCIAL SCIENCES

Course: GCSE Business Studies

Director of Faculty: Mr A Weightman
Director of Teaching and Learning: Mrs C Blanksby

Course Type: Full Time **Duration of Course:** 2 years **Awarding Body** AQA

Qualification: GCSE Business Studies

What will I learn on this course?

Students apply their knowledge and understanding to different business contexts ranging from small enterprises to large multinationals and businesses operating in local, national and global contexts. Students develop an understanding of how these contexts impact on business behaviour.

Students will apply their knowledge and understanding to business decision making including:

- the interdependent nature of business activity, influences on business, business operations, finance, marketing and human resources, and how these interdependencies underpin business decision making
- how different business contexts affect business decisions
- the use and limitation of quantitative and qualitative data in making business decisions.

The specification requires students to draw on the knowledge and understanding to:

- use business terminology to identify and explain business activity
- apply business concepts to familiar and unfamiliar contexts
- develop problem solving and decision making skills relevant to business
- investigate, analyse and evaluate business opportunities and issues
- make justified decisions using both qualitative and quantitative data including its selection, interpretation, analysis and evaluation, and the application of appropriate quantitative skills.

Subject content areas

- 3.1 Business in the real world
- 3.2 Influences on business
- 3.3 Business operations
- 3.4 Human resources
- 3.5 Marketing
- 3.6 Finance

What are the entry requirements?

There are no prior learning requirements.

How will I be assessed?

- Two externally assessed exams – Unit 1 covers Businesses in the real world, Human Resources and Operations Management and Unit 2 covers Businesses in the real world, Marketing and Finance
- Both exams contain a multiple choice section, short style and longer style questions based on a case study

How is the course delivered?

- Three 1-hour lessons per week.
- Mostly classroom learning. Classroom learning will be engaging with student centred activities and significant emphasis on work related practice.

How many hours of self-study will be required?

Approximately one hour per week, increasing as necessary when exam preparation is needed.

What are the mandatory modules or units – what will I have to study?

[See above].

What courses does this course work alongside?

GCSE, BTEC, Diplomas and any other additional qualifications selected.

What can I do after this course?

Provides progression for those wishing to continue their studies to GCE Business, GCE Economics, GCE Applied Business, and the Advanced Diploma in Business, Administration and Finance.

What careers would this course be useful for?

The achievement of this course programme would be useful for a number of Business careers, which could include:

Business Management.	* Finance
Retail.	* Marketing
Customer Service.	* Operations and Operations Management
Administration.	* Human Resources
Travel and Tourism	* Public Services
Accounting	* IT

Who can I contact for further information about this course?

- Mrs Blanksby [Director of Teaching and Learning for Business]

FACULTY: SOCIAL SCIENCES

Course: GCSE Geography

Director of Faculty: Mr A Weightman
Director of Teaching and Learning: Mr M Perry

Course Type: Full Time **Duration of Course:** 2 years **Awarding Body:** Eduqas B

Qualification: GCSE Geography

What will I learn on this course?

The world is always changing. This specification gives you the chance to learn about those changes and develops your skills of thinking 'like a geographer.' Three broad themes within this specification build upon some of the topics you have learnt during KS3. Within each theme, there is a variety of key ideas that will give you the opportunity to consider each topic in detail.

- **Theme 1: Changing Places – Changing Economies**
This is a human geography component of your GCSE. Key ideas within this theme include: urbanisation in contrasting global cities, urban and rural processes and change in the UK and a global perspective on development issues.
- **Theme 2: Changing Environments**
This is a physical geography component of your GCSE. Key ideas within this theme include: coasts and coastal management, rivers and river management, weather and climate and the causes/effects of climate change.
- **Theme 3: Environmental Challenges**
This theme focuses on the interaction between humans and the natural world. There are four key ideas within this theme: how ecosystems function, ecosystems under threat, water resources and management and desertification.

What are the entry requirements?

Enthusiasm to learn more about and understand in further detail the world you live in; to discuss ideas, challenge misconceptions and investigate some of the key issues affecting the world today.

How will I be assessed?

Because of the GCSE reforms, examinations will no longer be tiered. All students will set the same paper, which will include tasks of increasing difficulty. You will sit three written examinations, which will include maps, photographs and diagrams to help you answer the questions. Questions will range from short questions up to larger extended-writing questions.

- **Exam 1: Investigating Geographical Issues** – 1hr 45 minutes - 40% of GCSE qualification
This exam will assess content from all three themes. There will be multiple choice, data response, short open response and extended response questions.
- **Exam 2: Problem Solving Geography** – 1 hr 30 minutes – 30% of GCSE qualification
This is a decision making exam where an issue will be introduced, possible solutions given and you will be required to choose a solution and justify your choice. This exam is an excellent opportunity to show off your skills as a geographer.
- **Exam 3: Applied Fieldwork Enquiry** – 1hr 30 minutes – 30% of GCSE qualification
This exam will be based on fieldwork in geography and how fieldwork can be used to investigate geographical issues. It also contains a small element of decision making, like in exam two.
- **Fieldwork in Geography**
In order to prepare you for exam three, you will undertake two days of fieldwork outside of the school grounds and each in a contrasting environment (e.g. an urban area and a natural area.) On your return to school, you will write-up a short report on the methodology and findings of your fieldwork.

How is the course delivered?

- Classroom based.
- Two days of fieldwork will be undertaken as preparation for exam three.

How many hours of self-study will be required?

Approximately one hour per week, increasing as necessary when exam preparation is needed.

What are the mandatory modules or units – what will I have to study?

All units outlined above are compulsory.

What are the additional modules – what can I study in addition?

See above.

What materials do I have to provide?

- Basic writing materials/equipment.
- A lever arch file to organise your work in.

Are there any additional costs or is any specialist equipment required? *

There is a voluntary contribution requested for the cost of the fieldwork element of the course.

What courses does this course work alongside?

GCSE Geography can be studied in combination with any other GCSE or Level 2 subjects.

What can I do after this course?

Geography really is an education for life. Employers and universities value the broad range of transferable skills that Geography delivers. The Russell Group of top universities recognise geography as one of the 'facilitating subjects' most likely to be preferred for entry to degree subjects. Geography fits neatly with Science, the Arts and Humanities. Geographers also tend to have very good ICT, communication, analysis, decision making and problem solving skills.

What careers would this course be useful for?

A GCSE in Geography is excellent preparation for a wide range of careers including: planning, resource and countryside management, retail and marketing, tourism and recreation, and environmental management and development. The rapid growth in the use of Geographical Information Systems also provides many career opportunities in the field of IT for geographers.

Who can I contact for further information about this course?

Mr M Perry [Director of Teaching & Learning for Geography]

<http://www.eduqas.co.uk/qualifications/geography/>

FACULTY: SOCIAL SCIENCES

COURSE: GCSE History

Director of Faculty: Mr Weightman
Director of Teaching & Learning: Mr Galloway

Course Type: Full Time **Duration of Course:** 2 years **Awarding Body** Edexcel

Qualification: GCSE History

What will I learn on this course?

Many students continue with History because it is a fascinating and rewarding subject to study. There are many good reasons for taking History. The GCSE course covers a range of fascinating and very significant periods of British and world history.

In History you will find out about:

- Political intrigue and murder in Nazi Germany and Hitler's ruthless treatment of rivals, opponents and minority groups.
- Investigating the nature of crime and punishment and how this has changed over the past 1,000 years. This includes an investigation into crime in Whitechapel and late Victorian period.
- The key changes and events in the American West
- A depth study of Saxon England and the Norman Conquest

The study of history also involves the development of many skills and attributes that are valuable whatever you choose to do later in life. In History, you deal with real people and you can work out why they did what they did. You will improve your ability to judge whether you are being told the truth, only part of the truth, or something completely untrue. History will challenge your way of thinking and broaden your views on the world around you.

What are the entry requirements?

A desire to understand the world you live in and a keen interest in the past; the events of the last 1000 years help to explain the problems and opportunities of the world today. History is an interesting but challenging course and students need to be able to revise independently to succeed.

How will I be assessed?

Students will sit three exams, covering several topics:

- **Paper 1 (30%)** Thematic study and historic environment: Crime and Punishment c1000–present and Whitechapel, c1870–c1900: crime, policing and the inner city.
- **Paper 2 (40%)** Period study: The American West 1835 to 1895 and British Depth Study: Saxon and Norman England 1060 -1088
- **Paper 3 (30%)** Modern depth study: Weimar and Nazi Germany, 1918–39

How is the course delivered?

Classroom based learning

How many hours of self-study will be required?

Approximately one hour per week, increasing as necessary when exam preparation is needed.

What are the mandatory modules or units – what will I have to study?

All units outlined above are mandatory.

What are the additional modules – what can I study in addition?

As above.

What materials do I have to provide?

Basic writing materials/equipment.

What courses does this course work alongside?

GCSE History can be studied in combination with any other GCSE or Level 2 subjects.

What can I do after this course?

History is a challenging subject. It requires students to investigate topics and to reach conclusions based on the available evidence. It encourages students to think about the evidence they use, to evaluate its reliability and to identify its limitations. By studying History, students develop the ability to analyse information and to produce reasoned accounts and explanations. History also helps to develop an appreciation of people in the past and an understanding of their attitudes and behaviour. Such skills are crucial to the development of students as responsible, thinking citizens, and are much in demand in higher education and the workplace.

What careers would this course be useful for?

History is one of the most respected academic subjects available. Employers and Universities recognise it as being rigorous and challenging. The skills developed and the knowledge gained from studying GCSE History is valued by a wide range of establishments in the public and private sectors. The attributes that students gain from the study of history are transferable into a huge variety of different career paths.

Who can I contact for further information about this course?

Mr Galloway [Director of Teaching & Learning]

FACULTY: SOCIAL SCIENCES

Course: GCSE Philosophy, Religion and Ethics

Director of Faculty: Mr A Weightman
Director of Teaching and Learning: Mr D Wildey

Course Type: Full Time **Duration of Course:** 2 years **Awarding Body** OCR

Qualification: GCSE Philosophy, Religion and Ethics [Religious Studies J625]

What will I learn on this course?

This course is designed to encourage

- reflection on your own values, opinions and attitudes on a range of religious, philosophical and ethical issues
- a broad minded and enquiring approach to life; preparation for working with different cultures and beliefs
- skills such as; understanding different viewpoints, analysis of information and reaching reasoned judgements.

You will learn about the core beliefs of both Buddhism and Christianity from the teachings of Jesus and the Buddha; about the importance of sacred texts; and how followers express these beliefs through their religious practises.

You will then have the opportunity to explore some of the big questions in life such as: whether God exists; whether war and violence are ever acceptable; how religious attitudes to modern family life and sexuality are changing; how religion has influenced the development of life in Britain and whether it still has a role in an increasingly secular society.

What are the entry requirements?

An interest in the Big Questions in life. An interest in people and how beliefs can influence behaviour. A desire to explore a range of philosophical and ethical questions through debate and critical thinking.

How will I be assessed?

Each of the three units is assessed by a written exam at the end of Year 11.

- Christianity – Beliefs, teachings and practises (1 hour assessment)
- Buddhism – Beliefs, teachings and practises (1 hour assessment)
- Religion, Philosophy and ethics in a modern world (2 hours)

How is the course delivered?

Classroom based. The classroom learning will be engaging and student centred with an emphasis on the exploration of issues through research and debate. We also want students to engage directly with members of faith groups and so will look to invite in visiting speakers and provide opportunities for trips to relevant places e.g. the Tara Buddhist centre

How many hours of self-study will be required?

Approximately one hour per week, increasing as necessary when exam preparation is needed.

What are the mandatory modules or units – what will I have to study?

Students will learn about beliefs and teachings & practises in both Christianity and Buddhism:

In addition, students will also look at four themes in relation to one of these religions:

- Relationships and families e.g. gender roles, attitudes to sexuality etc.
- The existence of God and the nature of ultimate reality e.g. does God exist, can we experience him?
- Religion peace and justice e.g. terrorism, is violence ever acceptable?
- Dialogue between religious and non-religious beliefs and attitudes e.g. what is the place of religion in modern Britain?

What are the additional modules – what can I study in addition?

As above.

What materials do I have to provide?

Basic writing materials/equipment.

Are there any additional costs or is any specialist equipment required? *

We will recommend suitable revision guides that students may wish to purchase.

What courses does this course work alongside?

GCSE PRE is suitable alongside any other subjects, but works particularly well with other Humanities subjects.

What can I do after this course?

A study of Philosophy, Religion and Ethics at GCSE provides a pathway to further study at A level. Universities also regard a GCSE in Philosophy, Religion and Ethics as an excellent qualification.

What careers would this course be useful for?

Many employers including the police force, armed forces, journalism, media and broadcasting, law and the caring professions such as social work and nursing regard a GCSE in Philosophy, Religion and Ethics as a valuable qualification. It involves a range of skills that are highly valued in the world of work including critical thinking, empathy and the ability to put forward reasoned arguments.

Who can I contact for further information about this course?

Mr D Wildey [PSHE Coordinator]

FACULTY: SOCIAL SCIENCES

Course: GCSE Sociology

Director of Faculty: Mr A Weightman
Director of Teaching and Learning: Mr P Tutin

Course Type: Full Time **Duration of Course:** 2 years **Awarding Body** OCR

Qualification: GCSE Sociology

What will I learn on this course?

An understanding of the techniques and methods used by sociologists in their study of the family, education, crime/deviance and youth. Additionally, Learners will develop an understanding of key concepts like socialisation, culture and identity. The course involves an examination of the key areas of change in our society. The course considers how and why families have changed over time, the causes of crime, the main changes in the educational system and the reasons for and types of youth culture over the last fifty years. The course expects students to question how and why society works the ways it does and appreciate the existence of differing viewpoints. The course involves the following modules:

Component 1: Understanding Social Processes

This component covers the following topic areas:

- Key concepts and processes of cultural transmission
- Families
- Education
- Sociological research methods

Component 2: Understanding Social Structures

This component covers the following topic areas

- Social differentiation and stratification
- Crime and deviance
- Applied methods of sociological enquiry

What are the entry requirements?

No prior entry requirements

How will I be assessed?

- Component 1: Understanding Social Processes, written examination: 1 hour 45 minutes 50% of qualification
- Component 2: Understanding Social Structures, written examination: 1 hour 45 minutes 50% of qualification

How is the course delivered?

The course is delivered in a variety of ways. During lessons, students will be asked to discuss and debate ideas and concepts in society. In Year 11, learners will complete projects and investigations into youth subcultures and changes in the education system.

How many hours of self-study will be required?

Approximately one hour per week, increasing as necessary when exam preparation is needed.

What are the mandatory modules or units – what will I have to study?

- Culture and Identity
- Research methods in Sociology
- Education
- Crime and Deviance
- Youth and Society
- The Family

What are the additional modules – what can I study in addition?

Teachers may choose to select additional modules of study. This depends on student progress.

Additional modules include:

- The Mass Media
- Work

What courses does this course work alongside?

Sociology works alongside any subject however goes particularly well with other Humanities subjects and Business Studies.

What can I do after this course?

A level study leading to university and a range of careers from social work to teaching.

What careers would this course be useful for?

Particularly relevant to careers relating to health, welfare, law enforcement etc. Previous students had progressed onto a range of courses within health, education, social work and the public services in general.

Who can I contact for further information about this course?

Mr A Weightman [Director of Faculty]

Mr P Tutin [Director of Teaching & Learning]

FACULTY: TECHNOLOGIES

COURSE: Level 2 Cambridge National Certificate in Engineering Manufacture

TECHNOLOGY TALENTED COURSE: Level 2 Cambridge National Certificate in Engineering Manufacture & Engineering Systems Control

Director of Faculty: Mr B Croft
Director of Teaching and Learning: Mr M Doherty

Course Type: Full Time **Duration of Course:** 2 years **Awarding Body** OCR

Qualification: Level 2 Cambridge National Certificate in Engineering Manufacture (equivalent to 1 GCSE)

What will I learn on this course?

The Cambridge Nationals in Engineering Manufacture is aimed at learners who wish to study the processes involved in manufacturing 'new' engineered products.

Pupils who have an appropriate work ethic and have been identified as 'talented' in KS3 Technology will have the option of taking the double award within this course option. This will allow students to complete a Cambridge National in Engineering Manufacture and Engineering Systems within a single option and gain two GCSE equivalent qualifications.

The Engineering Manufacture course builds on the work done in Year 9 and provides students with the knowledge and skills required to operate manufacturing tools and equipment used to make products from the requirements of a design specification and develops their understanding of the processes and systems required to transfer a design concept into a product.

Students will further develop how to produce fully detailed CAD designs using SolidWorks software and demonstrate how the three-dimensional image produced can be exported onto a CAM machine for automated manufacture and to produce accurate engineering drawings.

Throughout the course students will continue to develop a high level of competency in the use of key engineering equipment including the centre lathe, vertical & horizontal milling machine and pillar drill to independently machine components to a given standard / tolerance

As well as the practical skills ascertained throughout the course students will be taught the key theory needed in materials, processes and production methods. Further details of the course can be obtained from the course specification available from <http://www.ocr.org.uk/Images/150707-specification.pdf>

The Four units of the course consist of:

- **Unit 1 R109:** Engineering materials, processing and production – this is a written examination paper that is set and marked by OCR. The exam lasts for 1 hour – 60 marks. Learners' answer all questions. This unit will develop learners' knowledge and understanding of engineering materials and processes, and their application in the manufacture of engineered products. This unit also covers types of engineering materials such as ferrous and non-ferrous metals, alloys, polymers, thermosetting plastics, ceramics, composites, smart materials and new and emerging materials.
 - The paper consists of short answer and extended response questions
- **Unit 2 R110:** Preparing and planning for manufacture - This unit enables students to have the opportunity to apply appropriate processes for making pre-production products and use hand-held tools, measuring and marking equipment safely. Students will also carry out manually controlled machining operations such as drilling, turning and milling and perform quality control checks to review finished pre-production products.
- **Unit 3 R111:** Computer Aided Manufacture - Students will develop knowledge and understanding of computer applications in the design and manufacture of engineered products and know the procedures for setting up CNC equipment to produce a batch of products to the required specification. Students will also investigate methods used to compare items manufactured by manually controlled and CNC production.
- **Unit 4 R112:** Quality control of engineered products - This unit will develop students' knowledge and understanding of techniques and procedures used to ensure the quality of engineered products. Students will be required to produce and carry out a detailed set of procedures for the

quality control of engineered products, which will be used in a 'real world' situation involving high-volume manufacture of products.

Students will have already have gained some experience of using the lathes through their Year 9 studies and will have the opportunity to revisit these skills to ensure the highest mark can be obtained.

What are the entry requirements?

- A lively, logical and enquiring mind.
- An interest in the engineering industry with a particular emphasis on machining techniques, CAD/CAM and Quality Control Systems.
- A willingness to explore new ideas.
- An ability to communicate your ideas effectively using a range of CAD software packages.
- A practical aptitude to interpret engineering drawings, manufacture prototypes to an agreed standard, set up and use computer aided manufacturing machinery.
- Completed work from Units **R110** from their Year 9 studies.

How will I be assessed?

Students will take an hour-long examination that is marked externally by OCR and accounts for 25% of the student's final grade. The remaining three units will be none examined assessments that are undertaken in class, marked by the subject teacher and externally moderated by OCR. Each of the none-examined units is representative of 25% of the final grade. Students will be graded as Level 2 Distinction *, Distinction, Merit, Pass, Level 1 Distinction, Merit, Pass, Ungraded (L2 Pass is equivalent to Grade 4 GCSE)

How is the course delivered?

The course will be delivered through various mediums in various classroom contexts. The practical elements will be delivered in appropriate workshops provided with the relevant tools, machinery and CAD/CAM equipment. Computer based activities will be taught in ICT suites provided with relevant software pertinent to the course.

How many hours of self-study will be required?

Students will be required to study independently from the classroom in the region of one hour each week – approximately twenty minutes for every lesson. This will be in the region of 39 hours per academic year, and due to the nature of the qualification, dependent on the progress made in class. This will be set on the school's SMHW (Show My Home Work) software.

Are there any additional costs or is any specialist equipment required? *

Students will be asked to make a contribution in the region of £10.00 at the start of each year of the course to cover the material and component costs throughout the course.

What courses does this course work alongside?

GCSE Maths; Science (Physics element) Electronics theory and contexts, ICT, Computing, English Speaking and listening, GCSE Design and Technology, GCSE Modern Foreign Language (ideally German) and Business Studies.

What can I do after this course?

The Level 2 Cambridge National Certificate in Engineering Manufacture is a qualification that enables candidates to progress either directly to employment, or to proceed to further qualifications. If you achieve a level 2 Certificate in Engineering Manufacture you may want to begin to focus on a specialist pathway by taking one of a number of further education courses including Linear A level Design and Technology Product Design John Port School.

What careers would this course be useful for?

If you gain a Level 2 Certificate in Cambridge National Engineering Manufacture you will have access to a range of career and further education opportunities. You learn and use a variety of skills throughout the course, including collecting, analysing and interpreting data, communicating your findings in different ways, design, engineering machining techniques, Computer Aided Design/Manufacture, Quality Control and an understanding of materials, processes and production. These skills are in great demand and are recognised and highly valued by employers and colleges.

Who can I contact for further information about this course?

Mr M Doherty [Director of Teaching & Learning]. MDY@johnport.derbyshire.sch.uk

FACULTY: TECHNOLOGIES

COURSE: GCSE Design & Technology: Product Design

Director of Faculty: Mr B Croft
Director of Teaching and Learning: Mr M Doherty

Course Type: Full Time **Duration of Course:** 2 years **Awarding Body** OCR

Qualification: GCSE Design & Technology: Product Design

What will I learn on this course?

Learners will build and develop their broad knowledge and understanding from KS3, whilst also having the freedom to focus in more depth on areas of Design and Technology that most interest them.

This qualification will give learners an opportunity to engage with creativity and innovation and understand how they can be enhanced by the application of knowledge from other disciplines across the curriculum such as mathematics, science, art and design, computing and humanities as well as the practical and technical knowledge and understanding they will learn from Design and Technology.

Students will be encouraged to design and make products with creativity and originality, using a range of materials (woods, metals, plastics, and more) and techniques. Students will learn and develop designing skills; analysing existing products, looking at the customer's needs and generating design solutions using a range of graphic techniques and ICT through Computer Aided Design.

Students will then be taught how to realise these designs; learning how to use tools/equipment and processes to produce quality products, using Computer Aided Manufacture and working accurately and efficiently in terms of materials, time and components.

Coursework is worth 50% of the GCSE, with the examination making up the remaining 50%.

Year 10 will focus on building on the skills that students have learnt at KS3. This will be completed through focussed practical tasks and mini assignments, alongside theory based lessons each week to prepare them for the Year 11 summer examination.

Non-Examined Element

Iterative Design Challenge

This piece of coursework focuses around a contextual challenge, undertaken in controlled conditions. These are released to schools in the June of Year 10.

Pupils are required to select a challenge, which they can then start to explore.

The coursework consists of three sections; Explore, Create and Evaluate.

Throughout these three sections, pupils are expected to explore the chosen context, which will lead to a design specification, generate initial ideas, which will lead to a final solution, plan their manufacture and analyse and evaluate their prototype leading to possible modifications.

Examination Element

Principles of Design & Technology

This consists of a 2 hour written examination, which is split into two sections.

The first section focuses on pupils' core Design & Technology knowledge linked to the subject.

The second section focuses on pupils' 'in-depth' knowledge, in one main area from the following:

- Papers and boards
- Natural and manufactured timber
- Ferrous and non-ferrous metals
- Thermo and thermosetting polymers
- Natural, synthetic, blended and mixed fibres and woven, non-woven and knitted textiles.

'Core principles' equate to approximately 60% and 'In-depth' knowledge equates to approximately 40% of the exam. A minimum of 15% of the paper will assess learners' mathematical skills as applied within a design and technology context.

Further details of the course can be obtained from the course specification available from <http://www.ocr.org.uk/Images/304658-specification-accredited-gcse-design-and-technology-j310.pdf>

What are the entry requirements?

You do not need to have studied this subject before starting this qualification but it is important to have:

- a lively and enquiring mind
- an interest in working in wood, metal and plastic to manufacture products
- a willingness to explore new ideas
- an ability to communicate your ideas effectively
- an interest in practical workshop skills

How will I be assessed?

The coursework element will be undertaken between June of Year 10 and February of Year 11 via the 3 sections; Explore, Create and Evaluate. Students will have their work internally assessed at the end of each assessment objective. After the final submission, students' work will be internally assessed and moderated. The examination board will moderate a sample of students work for quality assurance purposes. The examination board will mark the examination, undertaken at the end of Year 11.

How many hours of self-study will be required?

Students will be required to study independently from the classroom in the region of 50 minutes each week. This will be in the region of 32 hours per academic year, and due to the nature of the qualification, dependent on the progress made in class. Homework tasks will be related to developing the theoretical knowledge and understanding of the practical tasks undertaken in lessons. This will be set on the school's SMHW (Show My Home Work) software.

What are the mandatory modules or units – what will I have to study?

Unit 01 - Principles of Design & Technology - Examination

Unit 03 - Iterative Design Challenge - Coursework

What are the additional modules – what can I study in addition?

Not applicable. – Although there will be the opportunity for students to undertake regular practical activities in order to develop the 'learners' knowledge and understanding prior to starting the coursework in Year 10 and as part of the revision in Year 11.

What materials do I have to provide?

Students will be required to provide a John Port Technology apron and if appropriate, some additional items to customise practical work undertaken in the workshops.

Are there any additional costs or is any specialist equipment required? *

Students will be asked to make a contribution in the region of £10.00 at the start of each year of the course to cover the material and component costs throughout the course.

What courses does this course work alongside?

GCSE Maths, ICT, Cambridge National in Engineering Manufacture, English, GCSE Modern Foreign Language (ideally German) and Business Studies.

What can I do after this course?

Students studying Design & Technology at GCSE generally go on to study the Linear A Level Design and Technology Product Design. John Port has a proud tradition of Product Design at A-level, and many students then go on to study Product Design or Engineering at Degree level. Other students' study art, engineering and design courses at college.

What careers would this course be useful for?

- Product/industrial Design
- Engineering
- Furniture Design
- The course would supplement careers that involve problem solving

Who can I contact for further information about this course?

Mr M Doherty [Director of Teaching & Learning]. MDY@johnport.derbyshire.sch.uk

FACULTY: TECHNOLOGIES

Course: BTEC First Award in Hospitality (Level 2)

Director of Faculty: Mr B Croft
Director of Teaching and Learning: Mrs D Monaghan

Course Type: Full Time **Duration of Course:** 2 years **Awarding Body** EdExcel

Qualification: BTEC First Award in Hospitality [Level 2]

What will I learn on this course?

The Edexcel BTEC Level 2 Hospitality Award is a 120-guided-learning-hour (GLH) qualification that consists of two core units, one mandatory unit and specialist unit that provide sufficient coverage to enable students to attain the necessary 120 GLH requirements. The qualification is broadly equivalent to one GCSE grade.

There are two core units within this qualification, one of which is externally assessed in the form of an online exam taken at a suitable time throughout the course to accommodate the needs of the learner; the second assignment is internally assessed and graded by delivery staff. The Core units are:

Unit 1 Introducing the Hospitality Industry external examination comprising of 30 GLH

Unit 2 Working in the Hospitality Industry internally assessed in a 30 GLH unit.

The mandatory unit, which is internally assessed, is:

Unit 3 Food Safety and Health & Safety in Hospitality internally assessed in a 30 GLH unit

The specialist unit, which is internally assessed, is:

Unit 6 Planning, Preparing, Cooking and Finishing Food internally assessed in a 30 GLH unit

What are the entry requirements?

You do not need to have studied this subject before starting this qualification but it is important that you have:

- A real interest in practical work
- A lively and enquiring mind
- An ability to meet deadlines
- Be able to work as a team.

How will I be assessed?

Unit 1 will be externally assessed through a one hour online examination undertaken at a relevant point within the course; Units 2, 3 & 6 will be assessed internally.

How is the course delivered?

It is envisaged that as this course is practically based the majority of delivery will take place in appropriate Food Technology Rooms (room allocation permitting). The units (where possible) will be delivered in a practical context; students will have to produce a folder of evidence to support their work. However much of this can be photographic or evidence based.

How many hours of self-study will be required?

Students will be required to study independently from the classroom in the region of ½ hour each week or approximately fifteen minutes for every lesson. This will be in the region of 20 hours per academic year, and due to the nature of the qualification, dependent on the progress made in class. Homework tasks will be related to developing the theoretical knowledge and understanding of the practical tasks undertaken in lessons.

What materials do I have to provide?

Due to the practical nature of the course, it is an expectation that students pay for and supply their own ingredients for the duration of the course.

The amount of ingredients and cost will be reflected by the student's individual recipe's that they select to complete the above units. An approximate guide will be between £1.50 - £5.00 per dish. Students will be

able to buy base ingredients from the Food Technology Department (Flour, eggs, sugar etc.) should they require, but additional ingredients will not be available to purchase.

Students who opt for this course do so accepting the requirement to supply the ingredients as stated above. Failure to supply ingredients will result in the individual student not being able to participate in the practical session and therefore potentially failing key aspects of the course.

What courses does this course work alongside?

GCSE Maths

What can I do after this course?

If you achieve a BTEC qualification in Hospitality, you will have access to a range of careers in related Hospitality and Catering settings or further education opportunities. You may follow a BTEC Level 2 Diploma or a BTEC National course. You can then continue your studies in Further Education, on a BTEC Higher National or degree, either full-time or part-time whilst working.

What careers would this course be useful for?

- Customer Services
- Hospitality Industry
- Catering Industry
- Range of business employment opportunities.

Who can I contact for further information about this course?

Further information is available from Mrs D Monaghan [Director of Teaching & Learning].
DM@johnport.derbyshire.sch.uk

FACULTY: TECHNOLOGIES

Course: Cambridge National in Health and Social Care

Director of Faculty: Mr B Croft
Director of Teaching and Learning: Mrs D Monaghan

Course Type: Full Time **Duration of Course:** 2 years **Awarding Body** OCR

Qualification: Cambridge National Certificate in Health and Social Care (120 glh)

What will I learn on this course?

A Cambridge National Certificate in Health and Social Care is an ideal qualification for those students wanting a broad background in Health and Social Care and entering a vocational area for the first time, but still wanting to follow a structured qualification. It is designed to enable students to make valid personal choices upon completion of the qualification and to progress to further education and training.

The completion of 3 pieces of controlled assessments (a portfolio) and an exam is required. This qualification is graded from Level 2 Distinction* (GCSE A* Equivalent) to Level 1 Pass (GCSE F equivalent). Students are required to study 2 mandatory units.

Unit R021: Essential values of care for use with individuals in care settings (exam 25%)

This mandatory unit focuses on the rights of individuals and will instil the values of care to be used when working in a health, social care or early years environment. All good practice is based on these values and enables those who use and work in care settings to apply quality practice. The unit also provides an overview of legislation and its impact on the care settings and covers the hygiene, safety and security matters that relate to promoting a healthy and safe environment.

Unit R022: Communicating and working with individuals in health, social care and early years settings

This unit will provide learners with the underpinning knowledge and understanding of how to communicate effectively and what personal qualities will contribute to the creation of a caring environment when working with individuals in a health, social care and early years setting.

Students will then be required to select a further 2 units to study from the list below dependent on staff availability, resources and level of interest. These are all controlled assessment units that will be assessed internally and account for 50% (2 x 25%) of the student's final grade.

Unit R023: Understanding body systems and disorders

Unit R024: Pathways for providing care in health, social care and early years settings

Unit R025: Understanding life stages

Unit R026: Planning for employment in health, social care and children and young people's workforce

Unit R027: Creative activities to support individuals in health, social care and early years settings

Unit R028: Understanding the development and protection of young children in an early years setting

Unit R029: Understanding the nutrients needed for good health

Unit R030: Research – a project approach

Unit R031: Using basic first aid procedures

How is the course delivered?

Where possible the lessons will be delivered in classrooms that have PC access (room allocation permitting) to enable students the best opportunities to undertake the various activities to the highest possible standard. To enable a 'real life' context, guest speakers are utilised where appropriate from the service industry to provide the students with first hand experiences relative to the unit being studied.

How many hours of self-study will be required?

Students will be required to study independently from the classroom in the region of 50 minutes each week. This will be in the region of 32 hours / academic year, and, due to the nature of the qualification, dependent on the progress made in class. Homework tasks will be related to developing the theoretical knowledge and understanding of the practical tasks undertaken in lessons.

What are the mandatory modules or units – what will I have to study?

Unit R021: Essential values of care for use with individuals in care settings (1 Hour Exam)

Unit R022: Communicating and working with individuals in health, social care and early years settings

Are there any additional costs or is any specialist equipment required? *

Students may wish to purchase relevant textbooks that support their studies.

What courses does this course work alongside?

English, Social Sciences (Psychology, Sociology etc.), Science (Human Biology and Development)

What can I do after this course?

If you achieve a Cambridge National Certificate in Health and Social Care, you will have access to a range of further education opportunities. BTEC National courses, NVQs in related health and Social Care settings and A level courses. You can then continue your studies in Further Education.

What careers would this course be useful for?

The award could contribute towards meeting the entry requirements for training for:

- Nursing
- Occupational Therapy
- Physiotherapy
- Social Work
- Pharmacy
- Teaching
- Working with people with disabilities
- Entry to Sixth Form to complete A levels

You learn and use a variety of skills throughout the course, including collecting, analysing and interpreting data, communicating your findings in different ways, and identifying and developing the links between different parts of the subject. These skills are in great demand and are recognised and highly valued by a wide range of employers.

Who can I contact for further information about this course?

Further information is available from Mrs D Monaghan [Director of Teaching & Learning].

DM@johnport.derbyshire.sch.uk

FACULTY: TECHNOLOGIES

Course: GCSE Food Preparation and Nutrition

Director of Faculty: Mr B Croft
Director of Teaching and Learning: Mrs D Monaghan

Course Type: Full Time **Duration of Course:** 2 years **Awarding Body** AQA

Qualification: GCSE Food Preparation and Nutrition

What will I learn on this course?

A GCSE in Food Preparation and Nutrition is for those students who love to cook and be creative with food. This GCSE covers a wide range of topics, including food nutrition and health, food science, food safety, food choice and food provenance. Nutrition is an underpinning theme of the course.

Over the two year course, you will develop a whole range of creative food skills, technical knowledge and understanding relating to food products and invaluable transferable skills, such as problem solving and time management.

What are the entry requirements?

You do not need to have studied this subject before starting this qualification but it is important that you have:

- a lively and enquiring mind
- an interest in Food and nutrition
- a willingness to explore new ideas, and enjoy practical tasks
- an ability to communicate your ideas effectively

How will I be assessed?

GCSE Food Preparation and Nutrition consists of two Units:

- **Unit 1** Examination 50%
- **Unit 2** Non exam assessment
 - Task 1: Food Investigation 15% (10 Hours)
 - Task 2: Food preparation assessment 35%(20 Hours- including 3 hour exam)

The coursework is assessed in school and is started in Year 11. Controlled assessment is given for this section of the course. The course is designed so that you have plenty of practice at each section. The examination is based on a structured exam paper, is set and marked externally.

How is the course delivered?

The delivery of the course will take place in specialised Food Technology rooms. The course is delivered in both Year 10 and Year 11. The initial period of Year 10 is used to develop the knowledge and understanding required by students to undertake their major project through skills based tasks. Year 11 concludes with an exam that is based on knowledge that students have gained throughout the duration of the course.

How many hours of self-study will be required?

Students will be required to study independently from the classroom in the region of 50 minutes each week. This will be in the region of 32 hours per academic year, and due to the nature of the qualification, dependent on the progress made in class. Homework tasks will be related to developing the theoretical knowledge and understanding of the practical tasks undertaken in lessons.

What are the mandatory modules or units – what will I have to study?

- Unit 1: Non Exam Assessment Coursework 50%
- Unit 2: Single Food Examination paper 50%

What are the additional modules – what can I study in addition?

Not applicable. – although there will be the opportunity for students to undertake regular practical activities in order to develop the 'learners' knowledge and understanding prior to starting the coursework in Year 11 and as part of the revision in Year 11.

What materials do I have to provide?

Due to the practical nature of the course, it is an expectation that students pay for and supply their own ingredients for the duration of the course. The amount of ingredients and cost will be reflected by the student's individual recipe's that they select to complete the above units. An approximate guide will be between £1.50 - £5.00 per dish. Students will be able to buy base ingredients from the Food Technology Department (Flour, eggs, sugar etc.) should they require, but additional ingredients will not be available to purchase.

Students who opt for this course do so accepting the requirement to supply the ingredients as stated above. Failure to supply ingredients will result in the individual student not being able to participate in the practical session and therefore potentially failing key aspects of the course.

Are there any additional costs or is any specialist equipment required? *

Apart from the ingredients required (as stated above) students will be required to provide a John Port Food Technology apron.

What courses does this course work alongside?

GCSE Maths; English, H&SC or Cambridge National, PE

What can I do after this course?

Many students have enjoyed studying GCSE Food Technology so much that they go on to study Food at a higher level at local colleges. Of course, anyone would value this qualification for the development of the creative, technical and transferable skills you will gain. You may wish to do this course because you simply enjoy it!

What careers would this course be useful for?

- Dietician
- Food Technology Teacher
- Environmental Health
- Food Microbiologist
- Marketing
- Catering Technology
- Audit / Food Manufacture Management

Who can I contact for further information about this course?

Further information is available from Mrs D Monaghan [Director of Teaching & Learning].
DM@johnport.derbyshire.sch.uk

FACULTY: TECHNOLOGIES

Course: GCSE Computer Science

Director of Faculty: Mr B Croft
Director of Teaching and Learning: Mr A Smith

Course Type: Full Time **Duration of Course:** 2 years **Awarding Body** AQA

Qualification: GCSE Computer Science

What will I learn on this course?

You have been a 'user of software, computers, phones, games consoles etc.' for years, but it is now becoming obvious that there is a void in the country for designing and making these devices and programs.

You have had an advantage, in this school, as you have created programs e.g.; Python, scratch, small basic, logo, logicator etc. and have used control equipment. As well as general ICT principles, during this course you will have the opportunity to further develop your programming skills and the structures common to most programming languages.

Subject content

1. Fundamentals of algorithms
2. Programming
3. Fundamentals of data representation
4. Computer systems
5. Fundamentals of computer networks
6. Fundamentals of cyber security
7. Ethical, legal and environmental impacts of digital technology on wider society, including issues of privacy
8. Aspects of software development

This is a course that has real relevance in our modern world. While you may no doubt already have some knowledge of computers and related areas, the course will give you an in-depth understanding of how computer technology works and a look at what goes on "behind the scenes". Recent news stories have indicated a need for more programmers so this course represents a good start in this field.

What are the entry requirements?

An interest in the workings of ICT/computer systems beyond the normal day to day usage of computers. An analytical frame of mind. Enjoy puzzles and problem solving. In order to demonstrate the level of understanding needed for programming concepts it would normally be expected that you will be expecting to get a grade 5 or above in maths. If you would like to discuss this, please contact Mr Smith.

How will I be assessed?

The course is made up of three sections:	
Paper 1: Computational thinking and problem solving How it's assessed Written exam set in practically based scenarios: 1 hour 30 minutes <ul style="list-style-type: none">• 80 marks• 40% of GCSE Questions A mix of questions assessing your practical problem solving and computational thinking skills.	Paper 2: Written assessment How it's assessed Written exam: 1 hour 30 minutes <ul style="list-style-type: none">• 80 marks• 40% of GCSE Questions A mix of multiple choice, short answer, longer answer and extended response questions assessing a student's theoretical knowledge.
Non-exam assessment How it's assessed <ul style="list-style-type: none">• Report: totalling 20 hours of work• 80 marks• 20% of GCSE Tasks The development of a computer program along with the computer programming code itself that has been designed, written and tested by you to solve a problem. You will produce an original report outlining this development.	

How is the course delivered?

A combination of theory and practical lessons with the emphasis on the practical aspects of programming required by the course.

How many hours of self-study will be required?

Approximately one hour per week, increasing as necessary when exam preparation is needed.

What are the mandatory modules or units – what will I have to study?**Paper 1: Computational thinking and problem solving**

Computational thinking, problem solving, code tracing and applied computing as well as theoretical knowledge of computer science from subject content 1–4 above

Paper 2: Written assessment

Theoretical knowledge from subject content 3–7 above

Non-exam assessment

Ability to use the knowledge and skills gained through the course to solve a practical programming problem. You will be expected to follow a systematic approach to problem solving, consistent with the skills described in Section 8 of the subject content above.

What materials do I have to provide?

Ideally students should have access to a computer at home with Python (freely available in the public domain and so can be downloaded free of charge).

What courses does this course work alongside?

GCSE and any other additional qualifications selected.

What can I do after this course?

This course will lead onto A level Computer Science and eventually into work in the ICT industry. Apprenticeships are also becoming available. Recent news stories have indicated a need for more programmers so this course represents a good start in this field.

What careers would this course be useful for?

Software developer, programmer's software engineers, general ICT Industry.

Who can I contact for further information about this course?

Mr Smith [Director of Teaching and Learning]

FACULTY: TECHNOLOGIES

Course: Cambridge National in Creative iMedia

Director of Faculty: Mr B Croft
Director of Teaching and Learning: Mr A Smith

Course Type: Full Time **Duration of Course:** 2 years **Awarding Body** OCR

Qualification: Cambridge National iMedia

What will I learn on this course?

Digital Media plays an important part in many areas of our everyday lives and is also an important part of the UK economy. There is a demand from employers for an increasingly skilled and technically literate workforce as more and more media products are produced digitally. Cambridge Nationals in Creative iMedia provide students with specific and transferable skills and a solid foundation in understanding and applying this subject, whether it is in employment or higher education.

The course will also provide you with an essential foundation for any further courses including courses specific to the use of computers and new technology such as A-level, AS, vocational and occupational courses.

What are the entry requirements?

An ambition, focus and interest in ICT and creative technology.

How will I be assessed?

The course is mostly Coursework, with one final exam on pre-production skills. All coursework Units that are carried out are potentially assessable.

Unit one is assessed by external examination at the end of Year 11, the examination is a small proportion of the overall assessment, the proportion depending upon the level of the qualification taken.

How is the course delivered?

Every lesson will be in an ICT room with one computer per student.

How many hours of self-study will be required?

Approximately one hour per week, increasing as necessary when exam preparation is needed.

What are the mandatory modules or units – what will I have to study?

Unit and qualification results are awarded on a 7 grade scale with Pass, Merit and Distinction at both Levels 1 and 2, and with a new grading of Distinction* at Level 2 to inspire students to achieve more. Students' performance on the units will determine their grade and level.

R081 Pre-production skills - Written paper

This unit will enable learners to understand pre-production skills used in the creative and digital media sector. It will develop their understanding and techniques that form part of the planning and creation process.

R082 Digital Graphics - Coursework

Learners will understand the purpose and properties of digital graphics, and know where and how they are used. They will be able to plan the creation and create new digital graphics using a range of editing techniques.

R085 Multipage Website - Coursework

This unit will enable learners to demonstrate their creativity by combining components to create a functional, intuitive and aesthetically pleasing multipage and multimedia website.

R090 Digital Photography - Coursework

Learners will learn about different types of digital photographic equipment, features and settings used in digital photography, how to plan a photo shoot and how to present their portfolios.

What courses does this course work alongside?

GCSE and any other additional qualifications selected.

What can I do after this course?

This course will help you in your other GCSE subjects as well as being a valuable qualification in its own right.

This qualification supports progress to further study in general and vocational qualifications, including GCE, BTEC and Diplomas in ICT, Creative and Digital Media, Media Studies and related subjects.

Employers also recognise the value of such a practical and relevant qualification in such a fast changing technological working environment.

Who can I contact for further information about this course?

Mr Smith [Director of Teaching and Learning]

CORE SUBJECTS

FACULTY: ENGLISH

Course: GCSE English Language and English Literature

Director of Faculty: Mrs A Swift

Course Type: Full Time **Duration of Course:** 2 years **Awarding Body** AQA

Qualification: GCSE English Language and English Literature

What will I learn on this course?

How to communicate effectively when speaking and writing in different situations and to different audiences. To become a critical reader of a range of texts from the English Literary Heritage and other cultures. To express your ideas creatively and imaginatively.

What are the entry requirements?

This course is a core subject and there are no tiered papers.

How will I be assessed?

English Language: 100% examination

- Paper 1: Explorations in Creative Reading and Writing. One hour 45 minutes. 50% of GCSE.
- Paper 2: Writers' View points and Perspectives. One hour 45 minutes. 50% of the GCSE.
- Non-examination assessment : Spoken Language. 0% of GCSE weighting.

English Literature: 100% examination

- Paper 1: Shakespeare and the 19th Century novel. One hour 45 minutes. 40% of the GCSE.
- Paper 2: Modern Texts and Poetry. Two hours 15 minutes. 60% of the GCSE.

How is the course delivered?

The course is delivered in a variety of ways including class discussion, reading, sharing ideas, visual and audio stimulation, group work etc.

How many hours of self-study will be required?

Approximately one hour per week, increasing as necessary when exam preparation is needed.

What are the mandatory modules or units – what will I have to study?

The units noted listed above.

What are the additional modules – what can I study in addition?

Not applicable.

Are there any additional costs or is any specialist equipment required? *

Students will be advised to purchase certain texts for examinations so that they become the property of the students.

What can I do after this course?

A Level leading to university and a range of careers.

Who can I contact for further information about this course?

Mrs Swift – Director of Faculty

FACULTY: MATHEMATICS

Course: GCSE Mathematics

Director of Faculty: Miss A Smith

Course Type: Full Time **Duration of Course:** 2 years **Awarding Body** AQA

Qualification: GCSE Mathematics

What will I learn on this course?

The subject content is summarised by the following:

- Number
- Algebra
- Ratio, proportion and rates of change
- Geometry and measures
- Statistics

Both higher tier and foundation tier candidates learn subject content in these areas although higher tier candidates have a greater quantity of content to learn at a more challenging level.

What are the entry requirements?

Knowledge of Key Stage 3 mathematics.

How will I be assessed?

Assessment is by exam at the end of the course. There are three equally weighted exam papers, each 90 minutes long. The first will be non-calculator and a calculator will be allowed for the remaining two papers. Students will be entered either for the foundation or higher tier of entry. At foundation level the available grades are 1 - 5 and at higher level the available grades are 4 – 9.

How is the course delivered?

Classes are taught in sets with approximately 250 hours of teaching time.

How many hours of self-study will be required?

Approximately one hour per week, increasing as necessary when exam preparation is needed.

What are the mandatory modules or units – what will I have to study?

Any aspects of the subject content can be examined in any of the exam papers.

What materials do I have to provide?

A scientific calculator, angle measurer, pair of compasses.

What courses does this course work alongside?

Any course that requires some mathematical or statistical knowledge e.g. Sciences, Business Studies, Psychology.

What can I do after this course?

Knowledge gained at GCSE Mathematics will support other course that have a mathematical element. E.g. Sciences, Business Studies, Psychology, Geography. A grade 6 or above could lead to further study of mathematics or further mathematics at AS/A2 level.

What careers would this course be useful for?

Most careers will require some elements of mathematical knowledge and problem solving skills.

Who can I contact for further information about this course?

Miss A.Smith [Director of Faculty]
ALS@johnport.derbyshire.sch.uk

FACULTY: SCIENCE

Course: GCSE Triple Science (GCSE Biology, GCSE Chemistry, GCSE Physics)

Director of Faculty: Mrs C Cox

Course Type: Full Time **Duration of Course:** 2 years **Awarding Body**

Qualification: GCSE Biology, GCSE Chemistry and GCSE Physics

What will I learn on this course?

- GCSE Biology offers students the chance to gain a good understanding of human biology, organisms, evolution and the environment.
- GCSE Chemistry gives students the opportunity to gain a good understanding of: the nature of substances and how they react together, how Chemistry is used in business and industry and how our use of raw materials in fuels and manufacturing can affect the global and local environment.
- GCSE Physics offers students the chance to gain a good understanding of the use and transfer of energy, waves, radiation, space and the application of Physics.

You will receive three separate 1-9 grades in GCSE Biology, GCSE Chemistry and GCSE Physics.

How will I be assessed?

Each subject area, Biology, Chemistry and Physics, will be assessed separately through a series of examinations. Students will sit two one hour 45 minute written exams for all three subject areas. They will also assess your mathematical ability and working scientifically skills.

How is the course delivered?

The course is delivered in a variety of ways including practical science lessons, class discussion, reading, sharing ideas, visual and audio stimulation and group work.

How many hours of self-study will be required?

Approximately one hour per week per subject, increasing as necessary when exam preparation is needed.

Are there any additional costs or is any specialist equipment required? *

It is advised students purchase a revision guide to support them with their learning.

What can I do after this course?

Study at a higher level, training courses, full-time employment. Most employment routes will require a knowledge of Science

Who can I contact for further information about this course?

Mrs C Cox – Director of Faculty

FACULTY: SCIENCE

Course: GCSE Science Trilogy

Director of Faculty: Mrs C Cox

Course Type: Full Time **Duration of Course:** 2 years **Awarding Body**

Qualification: GCSE Science Trilogy (equivalent to 2 GCSEs in science)

What will I learn on this course?

Students will study a range of topic areas, encompassing Biology, Chemistry, Physics and working scientifically.

You will receive two GCSE's in Combined Science (Trilogy) on the 1-9 grading system.

How will I be assessed?

There are six papers: two biology, two chemistry and two physics. Each of the papers will be one hour 15 minutes and assess knowledge and understanding from distinct topic areas. They will also assess your mathematical ability and working scientifically skills.

How is the course delivered?

The course is delivered in a variety of ways including practical science lessons, class discussion, reading, sharing ideas, visual and audio stimulation, group work etc.

How many hours of self-study will be required?

Approximately one hour per week per subject, increasing as necessary when exam preparation is needed.

Are there any additional costs or is any specialist equipment required? *

It is advised students purchase a revision guide to support them with their learning.

What can I do after this course?

Study at a higher level, training courses, full-time employment. Most employment routes will require a knowledge of Science

Who can I contact for further information about this course?

Mrs C. Cox – Director of Faculty

FACULTY: FACULTY: PERFORMANCE and ART

Course: CORE PE

Director of Faculty: Mr A Mara
Director of Teaching and Learning: Mr S Monahan

Course Type: Full Time **Duration of Course:** 2 years **Awarding Body** -

Qualification: Not applicable

What will I learn on this course?

Students will be allocated to a PE group and follow a common programme of activities in Year 10 and Year 11. Students will have the opportunity to build upon their experiences in KS3 PE and to further develop their sports skills and knowledge, in a range of differing sporting roles:

- Performer
- Official
- Coach

How will I be assessed?

Ongoing teacher assessment.

How is the course delivered?

Through a range of practical PE activities.

What are the mandatory modules or units – what will I have to study?

A range of activities including summer and winter games, racket sports, water based activities, and use of the Fitness Suite will be provided to help maintain a breadth of experience in PE each activity is scheduled to last for a half term (approx. six weeks).

What are the additional modules – what can I study in addition?

A number of students will also have the opportunity to option to study one or more of the following PE qualifications (subject to meeting course entry criteria): GCSE Physical Education [Full Course], GCSE Physical Education [Short Course]. A number of students may also work towards Sports Leaders, officiating and also coaching awards

What materials do I have to provide?

School PE kit.

Are there any additional costs or is any specialist equipment required?

n/a

Who can I contact for further information about this course?

Mr Monaghan [Director of Teaching and Learning]

CAREERS

Librarian and Careers Co-ordinator: Mrs K Durkan

Students are entitled to receive:

- clear impartial advice and information about all of the options available, so that they understand what they involve
- support and guidance to help them make choices and devise a career plan for the future
- regular personal support or information on how well they are doing
- help to decide what to do when they complete their course, including further learning, training or employment
- a programme of careers education which helps them to develop skills and knowledge to make choices and make the transition to work and learning
- the opportunity to be involved in making decisions about things that effect their learning
- an opportunity to set out an individual learning plan, and
- an opportunity to learn about the world of work.

Careers education

Currently in Years 10 and 11, careers education is delivered through:

- enrichment days
- subjects in the wider curriculum
- themed work-related learning days

Information, advice and guidance

Students receive information, advice and guidance in both formal and informal settings.

- Form Tutors, as well as curriculum teachers and other professionals working in school, give impartial information, advice and guidance to students.
- Students are encouraged to use the careers section of the Library and are made aware of online resources, including the National Careers Service <https://nationalcareersservice.direct.gov.uk/>. They receive regular updates via email, from the Library about local Sixth Form and College open evenings and other opportunities to assist their career planning. They are encouraged to attend the Derbyshire Skills Festival in Derby.
- The school is working with Careerstorch to provide independent and impartial careers guidance. A professionally qualified Careers Adviser visits the school two days a week and offers individual and group interviews to students.
- Students are able to request an interview with the Careers Adviser via their Form Tutor, if they feel they require some assistance in their post-16 choices.
- Students who may require more help are identified by their year teams and referred to the Careers Adviser.

Further details are available from Mrs K Durkan: kdu@johnport.derbyshire.sch.uk