

Chesterton Community Sports College

'To be the best you can be'

Year 8 Option Evening

Thursday 8th May 2014

6 pm Start

Welcome!

The following booklet will provide you with all the key information you need when you begin to consider option choices with your child. It is important to consider a number of factors when you come to making your choices.

Does my child enjoy this subject?

Has my child already shown potential in this subject?

Will my child be successful in this subject and be able to gain their highest possible grade?

Is the subject a good choice for my child and will it meet the needs of their post 16 education?

Options Evening is an opportunity to talk to subject teachers, learn more about the courses on offer and begin to consider what is the best route forward for your child. It is important that your child is happy with their choice as the optional subjects offer a range of skills that build on, and complement, the academic subjects that are compulsory.

Please feel free to ask as many questions as you need so that you feel confident, when you leave, that you have the information you require to make an informed choice.

Connexions and Further Education advice will also be available on the evening so feel free to chat to the services available to assist with you with any specific careers and course information.

Subjects

English Language & Literature

Mathematics / Science

Geography / History

Spanish

Philosophy and Ethics

Art – Fine Art / Art and Design

Computer Science / ICT

Dance

Drama

Italian

Media

Music

PE

Technology / Food / Graphics / Textiles / RM

Psychology



Web: www.ccsc.staffs.sch.uk

Telephone: 01782 568350

Fax: 01782 568399

CONTENTS

	Page
Option blocks	3
English Language and English Literature	4
Mathematics	5
Science	6
Humanities	7
Spanish	8
Philosophy and Ethics	9
Art – Fine Art, Art and Design	10
Computer Science	11
Dance	12
Drama	13
Italian	14
Media	15
Music	16
Physical Education and Sport Science	17
Technology – Food, Graphics, Resistant Materials, Textiles	18
Psychology	19

Option Blocks

Pupils will study one subject in each option block. During the option process pupils are required to have a 1st, 2nd, and 3rd choice for each block.

We aim for each pupil to have their first choice but on occasions it is sometimes not possible.

Option A	Option B	Option C
Media	Media	Media
Music	ICT	Food
PE	Computer Science	ICT
PE	Textiles	Computer Science
Food	Resistant materials	Dance
Graphics	Drama	Resistant materials
Italian	Psychology	Fine Art
		Art and Design

Parents will be contacted if the first choice is not possible.

English Language

This subject allows candidates to demonstrate their ability in functional English; to investigate and analyse language; and, to experiment and use language creatively. The subject offers a skills-based approach to the study of English. This enables candidates to make 'fresh' and individual responses to each element of assessment. This subject will cover speaking and listening, as well as reading and writing skills with spoken language study, extended reading and creative writing being assessed through controlled assessments and then submitted at the end of the course when the final external exams are undertaken.

English Literature

This subject specification allows candidates to experience a range of Literature with a wide variety of appeal drawn from contemporary and modern texts, texts from across the globe and texts which have had a significant influence on our English (Welsh or Irish) literary and cultural heritage. Candidates will experience a range of literary genres. There is some flexibility for teachers to emphasise particular genres, thereby meeting the needs of their own candidates. The specification is based on a skills-based approach to the study of literature. This enables candidates to make 'fresh' and individual responses to each element of assessment.

Unit 1: Understanding and producing non-fiction texts

Section A: Reading

At Tier H candidates answer four compulsory questions based on three reading sources.
At Tier F candidates answer five compulsory questions, including those requiring short responses, based on three shorter reading sources.

Section B: Writing

At both Tiers candidates do two compulsory writing tasks – one shorter task worth 16 marks and one longer task worth 24 marks.

Unit 2: Speaking and Listening

Candidates must be assessed on three equally weighted activities:

- presenting;
- discussing and listening;
- role playing.

Each activity will be marked separately out of 15 and the marks added together to give a final mark out of 45.

Unit 3: Understanding spoken and written texts and writing creatively

Part a: Extended reading – candidates choose one task from the bank of published titles for the year the candidate certificates. They must consider one extended text which may be a text that they are also using for GCSE English Literature. The definition of 'extended text' is given under the detailed guidance for this unit in Section 3c. You will give one mark out of 30.

Part b: Creative writing – candidates choose two tasks from the bank of published titles for the year the candidate certificates. The two tasks do not have to be equal in length as this will be determined by the type of creative writing they choose to do. 20 marks are available for content and organisation and 10 marks are available for accuracy. You will mark each writing task out of 10 marks and give an overall mark out of 10 for accuracy. The marks will be added together to give a final mark out of 30.

Part c: Spoken language study – candidates choose one task from the bank of published titles for the year the candidate certificates. You will give one mark out of 20.

Unit 1: Exploring modern texts

External examination 40% of the total GCSE marks	1 hour 30 mins	68* marks
Section A: Modern prose or drama 20% of the total GCSE marks	45 mins	34 marks
Section B: Exploring cultures 20% of the total GCSE marks	45 mins	34 marks

Unit 3: The significance of Shakespeare and the English Literary Heritage

Controlled Assessment 25% of the total GCSE marks	3 – 4 hours	40 marks
---	----------------	-------------

Note that times indicate the production of written outcomes.

Unit 2: Poetry across time

External examination 35% of the total GCSE marks	1 hour 15 mins	54 marks
Section A: Poetry cluster from the Anthology 23% of the total GCSE marks	45 mins	36 marks
Section B: Responding to an unseen poem 12% of the total GCSE marks	30 mins	18 marks

Mathematics

All pupils study mathematics in Key Stage 4 and follow the GCSE Mathematics

1MA0 linear course with the Edexcel exam board.

There are two tiers of entry available, both of which allow pupils to obtain a grade C at GCSE. The foundation tier has grades G to C available and the higher tier has grades E to A* available. Both tiers of entry have two written exam papers; one with a calculator and one without.

All examinations last for one hour and 45 minutes and test the knowledge and skills taught during the course as well as the use of mathematics to solve problems. There is no coursework in mathematics GCSE so all of the assessment comes from the exams.

Students will sit the exam either in year 10 or year 11 and decisions about entry for individual students will be made during the course. Students will be entered for the examinations when they are ready to achieve their best possible grade as changes to exam board regulations mean that students may now only take the exam once.

There is also the opportunity for some students to take GCSE Statistics as a separate course within the mathematics curriculum but it is not necessary to make the decision at this stage.

During the GCSE course students study topics within the following four areas of mathematics: Number, Algebra, Shape, and Data and apply all these topics to problem solving tasks.

The department has an excellent record of results with the grade C or above pass rate being 79%, 80%, 78%, 86% in 2010, 2011, 2012 and 2013 respectively. At exam times, booster classes are provided to help students revise and there is usually a 'half term study day' immediately prior to the exams which students are encouraged to attend.

A grade C pass in mathematics is necessary for virtually all careers and college courses. Mathematics forms part of the essential suite of qualifications consisting of 5 GCSEs at grade C or above including English and Mathematics.

Higher grades in mathematics are essential for students who wish to study mathematics or mathematics related subjects post 16.

GCSE Statistics at grade C or above is extremely useful for students who wish to study a range of subjects at college including biology, psychology, sports science, economics, business studies, sociology as well as for those studying mathematics.

Further information about the Mathematics and Statistics GCSE courses are available from any member of the department.

Science

The Science Programme of Study has changed for the better and the new specification available offers a more exciting curriculum which is more relevant to young people in Chesterton today. We follow the Edexcel exam board specification at KS4.

Pupils are continuously assessed throughout KS3 and at the end of the key stage we judge whether each student is more suited to a traditional GCSE or the new equivalent BTEC course. Specifications cover the same programme of study, however, the BTEC is continuously assessed through scenario based assignments and the GCSE is assessed through three x one hour exams and a practical Controlled Assessment.

GCSE

Core Science is 1 GCSE: this gives pupils a well-rounded breadth of study covering topics in Physics, Chemistry & Biology which are appropriate to life in the 21st Century.

Additional Science is also 1 GCSE. This GCSE, which follows on from the Core Science, provides a more in-depth study of all three Sciences and sufficiently prepares students for further study where appropriate.

Triple Science/Further Science will offer more able scientists the opportunity to achieve 3 GCSE's in science.

Linear Courses All of the Science courses are now linear. This means that exams, which count towards the final GCSE grade, are taken in the June of each year.

75% of the course is exam based; the final 25% comes from Internal (Skills Based) Assessments.

BTEC

During Y9 pupils study 'Principles of Applied Science BTEC' which is a level 2 qualification the equivalent of one GCSE. Pupils can achieve Pass, Merit or Distinction depending on their level of attainment throughout the course. There are approximately 18 assignments, 6 Biology, 6 Chemistry and 6 Physics. These assignments account for 75% of the level 2 BTEC and the final 25% is covered in a terminal exam.

In Year 10 students cover the 'Applications of Applied Science' which is also a level 2 qualification. This is assessed in a similar way to the first BTEC.

Humanities

The Humanities Faculty is split into 2 different subject areas – History and Geography. Finding it hard to choose between them? Have a look at what you will learn in each course to help you decide.

Geography follows the AQA A course and is split into 3 main units:

- 1) **Physical Geography** (37.5% of final grade)
- 2) **Human Geography** (37.5% of final grade)
- 3) **Controlled Assessment** (coursework – 25% of final grade)

In **Unit 1** you will study about *Volcanoes and Earthquakes, Rivers and Coasts*. We will study how the landscape is constantly changing and also how natural hazards can affect people.

In **Unit 2** you study *Population, Tourism* and changes in *the Urban Environment*. We look at differences within the rich world and the poor world and also look at how to make our lives sustainable.

The **Controlled Assessment** element of the course is where you get to collect primary data in the field and conduct a Geographical Investigation. This element of the course requires students to go on a field trip to collect information and data to test a hypothesis.

History follows the AQA A GCSE course and is also split into 3 units. These are explained below:

- 1) **Medicine through time** (exam worth 35% of final grade)
- 2) **Germany 1919-1945** (exam worth 40% of the final grade)
- 3) **Controlled Assessment** (coursework – worth 25% of final grade)

Unit 1 - this unit studies the main changes and trends in *medicine and public health* in Britain from the earliest times to the present

Unit 2 – this unit focuses on the causes of the development of *totalitarianism* and its impact in *Germany* in the period 1919–1945

The **Controlled Assessment** unit involves '*History around us*' and is an investigation question set about *British History*.

Spanish

GCSE Spanish looks at the world today through the medium of a foreign language. This is studied in all four skill areas (speaking, listening, reading and writing).

- You will describe friends and family and discuss how you get on. You will express your opinions about school, rules, homework and your future, including different careers and qualities you may need for them.
- You will look at holidays and time abroad and how to book accommodation, sort out travel, excursions, and how to deal with any problems that may occur.
- You will look at your leisure time and other issues that affect young people such as smoking, drugs and the environment, and the advantages and disadvantages of new technology.

A GCSE in a Modern Foreign Language gives you real skills in listening (useful for all professions) and also in communication and presentations (useful for all careers, particularly in business), and over all boosts your confidence. It also improves your English language skills as you continually compare languages. It is now an integral part of the English Baccalaureate, thus compulsory.

It is a proven fact that there are NOT enough British people who speak a foreign language, and this is causing companies to lose real business on a daily basis. Having a GCSE in a foreign language statistically makes you more likely to get a job, whether the job needs you to use your language directly or not.

The course is 60% controlled assessment, which is split equally between two writing and two speaking tasks. This involves independent learning at home and at school so that the coursework can be produced from memory. This is difficult, but more than possible with practice, support and hard work. You will also be able to practise with MFL teachers and foreign language assistants during class and in revision sessions. The remaining 40% is split equally between a listening and a reading exam which will take place at the end of the two year course.

The GCSE course is based on three lessons a week. In year 9, one of the three lessons will be a grammar/theory lesson and the other lessons will be a mixture of all skill areas, but will include ICT and other media such as films and TV programmes.

There will be an opportunity to pick up GCSE French in year 10 or 11 for those pupils who wish to pursue languages in a career/at university.

Philosophy and Ethics

Have you ever asked yourself life's big, frustrating questions? Such as...Can war ever be right? Does Science disprove God? What happens when we die? Can men and women ever be equal? Should we experiment on animals?

Philosophy and Ethics gives you a chance to explore your own beliefs in depth, whilst taking into account the beliefs and opinions of others. You will also look at a range of religious views, in particular the range of Christian ideas in the UK today. An interest in the news as well as different cultures and practices would also be an advantage.

How will I be assessed?

There are four modular exams each worth 25% of the overall mark.

What skills will I develop?

You will have the opportunity to develop your logical reasoning by evaluating arguments and applying this skill to your own ideas, thoughts and beliefs. By comparing various viewpoints with your classmates you will improve your debating skills and grow in self-confidence.

What will lessons be like?

Discussions will inevitably follow on from looking at different views whether presented by your teacher, from a text or on video. Many opportunities will be given to share and develop your own ideas, understanding, and to evaluate the ideas of others.

What could I do next with Philosophy and Ethics?

In addition to studying Philosophy and Ethics at A Level, whether at college or sixth form, you will find that the skills you develop are useful and well respected in all academic subjects. Employers also greatly appreciate a GCSE in Philosophy and Ethics, particularly in those careers that value problem solving, analysis and interpersonal skills.



Fine Art



At KS4 the Art department will be offering the AQA GCSE Fine Art Syllabus.

If you opt for the GCSE art syllabus, you will be expected to complete two portfolio units plus an external test.

These portfolio units have exciting themes ranging from 'self-image' (inspired by investigating *world cultures*) to those inspired by new techniques in art like *installation* and *assemblage*.

Coursework will receive 60% of the overall mark and the controlled test will gain 40%. Pupils will have an extended preparation time for their trial exam and the same when doing their external test in the final year and are then allowed two full days in the art room to complete these. There is no written element.

GCSE FINE ART is a single option which will require pupils of talent and ability confirmed by discussion with Mr. Cullinane.

Art and Design

The GCSE is split into 2 sections: the first being coursework which is worth 60% of the final grade and then a controlled test which is worth 40% of the final grade. The coursework is two separate bodies of work which are weighted to 30% each. The controlled test is taken during the 2nd year of the course.

The coursework is split into 2 projects, the first being Pop Art/Art Deco. This unit focuses on making 3D functional objects using a range of 3D materials from card modelling to wood and plastics.

The second project is natural form, looking at the sculptural details of nature and producing a range of fine Art installations taken from a selection of developmental tonal drawings.

Both projects focus on the 3D elements of Art and Design.

The controlled test is a 10 hour practical making test that is completed within the class room environment. It is written by the exam board and will be taken in the 2nd term of the 2nd year.

Computer Science

Why simply use computers when you can learn to *create* with them?

Computer Science is a subject that looks to the future! It aims to teach you the skills necessary to create programs, apps and even interactive games! You will also learn how a Computer is built and what each part does, while gaining an understanding of how the Internet works through networking technologies. Computing is of enormous importance to the economy, and the role of Computer Science as a discipline itself and as an 'underpinning' subject across science and engineering is growing rapidly.

Computer technology continues to advance rapidly and the way that technology is consumed has also been changing at a fast pace over recent years. The growth in the use of mobile devices and web-related technologies has exploded, resulting in new challenges for employers and employees. Businesses today require an ever-increasing number of technologically-aware individuals. This is even more so in the gaming, mobile and web related industries.

This subject will teach you how to create your own interactive applications for mobile devices and the web. You will learn to create simple computer games, work in a collaborative environment and gain an understanding of the fundamental concepts of software creation.

Is Computer Science for you?

ICT is learning to use the tools	Computing is learning to make the tools for someone else to use
ICT teaches you skills in software	Computing shows you how to make the software
ICT is a general term that refers to any type of technological communication	Computing is the discipline that shows how things work through maths and logic

Computer Science is a technical and challenging subject that will stretch pupils and push their skills in creativity and logic. You will require good maths skills for parts of the course, and the dedication to learn a new language such as Python or JavaScript to program with!

How is it assessed? The course will be weighted with 60% coursework and practical projects and 40% examination testing technical knowledge.

Benefits?

- Gives learners a real, in-depth understanding of how computer technology works
- Provides excellent preparation for higher study and employment in Computer Science
- Develop critical thinking, analysis and problem-solving skills.

ICT

The course consists of one exam paper worth 40% of the total marks, and one controlled assessment worth 60%. Students will study two units:

Unit 1: Living in a Digital World

In this unit, students explore how digital technology impacts on the lives of individuals, organisations and society. Students learn about current and emerging digital technologies and the issues raised by their use in a range of contexts (learning and earning, leisure, shopping and money management, health and well-being, on the move). They develop awareness of the risks that are inherent in using ICT and the features of safe, secure and responsible practice.

Unit 2: Using Digital Tools

This is a practical unit. Students broaden and enhance their ICT skills and capability. They work with a range of digital tools and techniques to produce effective ICT solutions in a range of contexts. Students learn to reflect critically on their own and others' use of ICT and to adopt safe, secure and responsible practice. They put into practice what they learned about digital technology in Unit 1.

Dance

“The instinct to dance is fundamentally joyous and no matter how hard you try you can’t get away from that for long.”

GCSE Dance is divided into three main areas:

Performance

In this section you will study:

- Good studio practice
- The technical nature of dance
- The expressive nature of dance skills and the factors that influence achievement

Choreography

In this section you will study:

- The Process of Creative and Improving Choreography
- The Craft of Choreography
- Costume

Appreciation

In this section you will study 4, from a list of 10, prescribed professional dance works. Two of these will be studied in greater detail for the exam. This will include

- Analysis and Interpretation
- Historical and Social Context of Dance

Assessment

You will be assessed across four units of study:

<i>Unit 1: Critical Appreciation Of Dance</i>
<i>Written Paper – 1 Hour</i>
<i>50 marks – 20%</i>
<i>Unit 2: Set Dance Practical Examination</i>
<i>Solo Performance – 1hr – 11/2hr</i>
<i>30 Marks – 20%</i>
<i>Unit 3: Performance in a duo/group dance</i>
<i>Controlled Assessment 3hrs – 31/2hrs</i>
<i>30 marks – 20%</i>
<i>Unit 4: Choreography</i>
<i>Task 1: Solo composition 1hr-11/2hrs</i>
<i>20 marks – 15%</i>
<i>Task 2: Solo / duo / group composition</i>
<i>40 marks – 25%</i>
<i>Unit total: 60 marks – 40%</i>

It is important to note that GCSE Dance is 80% practical work, so you must be prepared to work hard on your health and fitness and be willing to regularly perform your work.

Drama

GCSE Drama is divided into coursework and a written exam. However, it is still a heavily practical subject; therefore you must enjoy performing and being creative.

Drama Coursework – 120 marks - 60% of the overall mark

You will participate in several examination pieces from a choice of the following:

- Devised thematic work for performance to an audience
- Acting
- Theatre in Education presentation
- Improvisation
- Physical Theatre
- Set Design
- Costume
- Make-up
- Properties
- Masks
- Puppets
- Lighting
- Sound
- Stage Management

Your best TWO marks will then be put forward as part of your final GCSE mark.

Although the coursework is mostly practical, you will be expected to discuss and analyse the work you are doing as this will comprise part of your final mark.

Written Examination – 80 marks - 40% of the overall mark

During the 90 minute written exam, you will have a choice of any two questions based on the following sections:

- A Practical work completed during the course (This is a compulsory question)
- B Study and performance of a scripted play
- C Response to a live production seen during the course

Italian

Would you like the chance to learn a new language?

Would you like a GCSE that will help you stand out when applying for jobs?

This is an **exciting** course which gives you the opportunity to learn a **beautiful language** and gain an insight into **Italy** and its **culture**.

Why learn Italian?

- It will not only be a thoroughly enjoyable experience, but it may also benefit your future career. Having an additional language on your CV is very rare and will make you more employable.
- Italy is one of the top 10 economies of the world and employers are seeking people who speak both Italian and English.
- It is the closest language to Spanish. This means that it will be easier to learn than any other language.
- It will help you to be successful in other subjects – learning another language will help you to understand your own language and culture better. Learning Italian may help to improve your grades in English!

What will I study?

- You will describe friends and family and discuss how you get on. You will express your opinions about school, rules, homework and your future, including different careers and qualities you may need for them.
- You will look at holidays and time abroad and how to book accommodation, sort out travel, excursions, and how to deal with any problems that may occur.
- You will look at your leisure time and other issues that affect young people such as smoking, drugs and the environment, and the advantages and disadvantages of new technology.

How will I be assessed?

- The course is 60% controlled assessment, which is split equally between two writing and two speaking tasks. This involves independent learning at home and at school so that the coursework can be produced from memory. The remaining 40% is split equally between a listening and a reading exam which will take place at the end of the two year course.

Media Studies – Double Award

Why choose Media Studies?

GCSE Media Studies gives students the chance to develop a critical understanding of the role of the media in daily life. It encourages an understanding of how to use key media concepts to analyse media products and the opportunity for hands-on practical work.

Unit 1: Investigating the Media

Written Paper -- 1 hour 30 mins - 60 marks - 20%

External Assessment

Based on pre-released topic (changed annually) with guidance and stimulus.

Four tasks

Unit 2: Understanding the Media

Controlled Assessment taken from banks of set
assignments - 90 marks - 30%

Three Assignments: Introductory assignment; Cross-media
assignment; Practical Production and Evaluation

Unit 3: Exploring Media Industries

Written Paper - 1 hour 30 mins - 60 marks - 20%

External Assessment

Section A: 10 short answer questions. Section B: 5 longer
responses to a media stimulus.

Unit 4: Responding to a Media Brief

Controlled Assessment - set brief (changed annually) -
90 marks - 30%

Research, Planning and Presentation to a 'client'.

Fully Realised Production and Evaluation.

Music

It's more than just Mozart!

In GCSE Music, you will study five main topic areas:

- Rhythm & Metre
- Harmony & Tonality
- Texture & Melody
- Timbre & Dynamics
- Structure & Form

These will be explored through three strands:

- a) The Western Classical Tradition
- b) Popular Music of the 20th & 21st centuries
- c) World Music

In each of these areas, you will have opportunities to perform and be creative (we call it *composing*). You will, however, spend the first term studying basic music theory (notes, time/key signatures, chords etc.) as this is vital for the rest of the course.

Although you don't have to play an instrument to take GCSE Music, it does help! It may not be too late to begin learning one but you will have to be committed in order to get to an appropriate standard in time. Of course, if you have a good, confident singing voice you can offer that as your instrument.

Assessment

<p>Unit 1: Listening to and Appraising Music 42701</p> <p>Written Paper – 1 hour – 80 marks – 20%</p>
<p>Unit 2: Composing and Appraising Music 42702</p> <p>Externally assessed – 40 marks – 20%</p>
<p>Unit 3: Performing Music 42703</p> <p>Controlled Assessment – 60 marks – 40%</p>
<p>Unit 4: Composing Music 42704</p> <p>Controlled Assessment – 30 marks – 20%</p>

Physical Education and Sport Science

In choosing Physical Education as an option you'll be placed on to the course that the PE department feel, in consultation with yourself and parents will give you the greatest opportunity for progress and achievement. **PLEASE READ CAREFULLY IF YOU ARE CONSIDERING A PE OPTION.**

Sport Science

Sport Science is a vocational qualification equivalent to that of a full GCSE.

Pupils will study the theory behind Training Principles, Reducing the Risk of Injury, the Body's Response to Physical Activity and Sports Psychology.

Each unit with the exception of the Injury module will be assessed in a written report that outlines in great detail their knowledge and understanding gained from the teaching. The written reports will consist of a number of individual tasks that can be submitted, marked and improved by the candidate throughout the course.

The Injury unit will be assessed in the form of a one hour exam at the end of the course. Each unit carries an equal weighting in contribution to the final overall grade attained.

Essential skills: an ability to complete homework and meet deadlines, an interest in the World of Sport, the ability to work independently and to be able to use a variety of research techniques.

GCSE Physical Education

"GCSE PE is one of the hardest GCSEs that I chose to do", *Current GCSE Y11 pupil*

GCSE Physical Education is a qualification that requires both a high level of physical competency and fitness along with a strong classroom learning ethic.

Pupils will study a wide range of sporting contexts from the introduction to the development of knowledge within PE concepts and the PE processes; Skills and Techniques, Decision Making, Physical and Mental Capacity, Evaluation and Improvement and understanding of what contributes to Healthy Living.

Candidates will be assessed in two one hour exams at the end of the three year course. This will be weighted at 40% of the final overall grade.

There will also be two pieces of controlled assessment to complete. These are research tasks that require data collection, analysis, implementation and evaluation and worth a total of 10% of the final grade.

The final 50% comes from the candidate's ability to perform effectively, creatively and competently to a high level in **four** activities. In order to achieve high marks in these assessments, our most successful candidates participate in a range of activities outside of school and compete within them on a regular basis.

Essential skills: an ability to perform to a high level across four activities complimenting this with out-of-school participation, a good level of fitness, a positive classroom ethos, the ability to work to deadlines and a thirst for developing sporting knowledge in physical education.

Food Technology

The Food Technology course builds on the KS3 Technology work. Time allocation is 2 single lessons per week. The structure is 60% Coursework and 40% Written Exam. The Coursework is one project following a given design task from the exam board. The Exam tests theory as well as design and make knowledge.

CONTROLLED ASSESSMENT - This is a complete 'design and make' activity that is set by the exam board. You will be expected to create a range of food products that match the criteria. You will also be expected to produce a folder of work to back up your knowledge and outcomes.

There is a formal 2 hour exam that will test your knowledge from Years 9, 10 and 11. The examination is taken once at the end of the course (Year 11).

Graphic Products

The Graphic Products course has been designed to encourage students to be able to design and make products with creativity and originality, using a range of graphic and modelling materials. They will be encouraged to learn through images to use, understand and apply colour and design, to develop spatial concepts, and to understand graphical materials and their manipulation. Time allocation is 2 single lessons per week.

Unit 1: Written paper 2 hours, 120 marks – 40%. The exam is taken at the end of Year 11. Knowledge and understanding in the exam includes: An awareness of materials and components, design and market influences, Paper and card engineering and processes and manufacture.

Unit 2: Design and Making Practice. Consists of a single design and make activity – Design and make a book containing kinetic spreads that will enlighten its readers. Approximately 45 hours – 90 marks – 60%. The folder follows the design process where students produce 2D images which lead to modelling using computer aided design CAD and then to manufacturing the product.

Resistant Materials

The Resistant Materials course builds on KS3 Technology work. A working knowledge of woods, metals, plastics and composite materials will be required, but other materials may be used in addition. The course is designed to foster awareness of the need to consider sustainability and environmental impact of their designing. Time allocation is 2 single lessons per week.

Unit 1: Written paper – 2 hours – 120 marks – 40%. Knowledge and understanding in the Exam includes: Materials and Components, Design and market influences, Sustainability of design, designing using a range of 2D/3D techniques to communicate ideas and Social, cultural, moral, environmental, sustainability and economic issues.

Unit 2: Design and Making Practice – Approximately 45 hours – 90 marks – 60%. There are four main design contexts set by the examination board: Designing a product for sale in a garden centre. Designing for sustainability, re-used and recycled materials and components, sustainable materials, energy efficient devices. Designing a product for a popular tourist attraction. Designing a product to contain gadgets and equipment.

Textiles

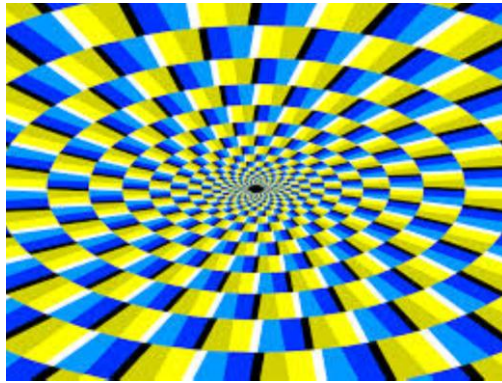
Textiles Technology requires students to develop their ability to make creative textile products, using a range of techniques and materials. It involves developing work from designers to inform your own ideas.

Unit 1: Written paper – 2 hours – 120 marks – 40% End of Year 11. Knowledge and understanding in the exam includes: An awareness of materials and components, designer influences, processes and manufacturing.

Unit 2: Design and Making – Year 9 and 10. Consists of a single design and make activity selected from a range of set tasks. You will be expected to create a product that matches the criteria. Approximately 45 hours – 90 marks – 60%.

Psychology

"The optical illusions were fun and the dream topic was fascinating, but the best parts for me were learning about aggression and phobias."



Why Psychology?? Have you ever wondered why we dream? How illusions work? Why some of us fear spiders or snakes? Well these are but some of the things that we will consider in GCSE Psychology.

GCSE Psychology is assessed by two exam papers (there is **NO** coursework). The Unit 1 paper is one hour and fifteen minutes with Unit 2 being one hour and forty-five minutes. GCSE Psychology is a linear examination and so you will be examined at the end of year 10.

What will you study? GCSE Psychology is split into two units.

Unit 1 (40%): **'How do we see the world?'**

'Is dreaming meaningful?'

Unit 2 (60%): **'Do TV and video games affect young people's behaviour?'**

'Why do we have phobias?'

'Are criminals born or made?'

