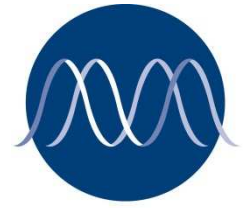




CHELMER VALLEY HIGH SCHOOL  
A Specialist Engineering and Leadership Academy  
Court Road  
Broomfield  
Chelmsford  
Essex CM1 7ER



Engineering

Headteacher: David Franklin BSc  
Head of Sixth Form: Miss V Lucas BSc

# CHELMER VALLEY SIXTH FORM PROSPECTUS

AS, A LEVEL, BTEC  
AND  
OCR NATIONAL  
COURSE DETAILS  
2012

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## **WELCOME TO CHELMER VALLEY SIXTH FORM!**

This is a very important time for you and on behalf of all the staff at Chelmer Valley High School I want to reassure you of our intention to provide you with information that may enable you to make the best decisions about your future.

As you know, Chelmer Valley is an Outstanding School and in particular, the Sixth Form is vibrant and highly successful. Giving you access to further and higher education or employment with major, prestigious, successful companies is our overriding aim. To this end, we will provide you with high quality teaching, excellent resources and a working environment which is second to none.

This course option booklet gives details of all the courses that are currently on offer. You should consider the vast amount of information that is presented to you and decide which subjects are the ones most relevant for your future hopes and aspirations.

Once you have decided to join our Sixth Form, you will need to complete an application form. At your meeting with a member of the Leadership Team we will discuss your choices and offer you support and guidance in fulfilling your aspirations.

Clearly your GCSE results will be an important factor in your final choices in our Sixth Form. On the results day, Thursday 23<sup>rd</sup> August, we can confirm these. In the meantime, I am sure you are working hard to prepare for your GCSEs in the summer of 2012.

For those students who are currently attending other schools but would wish to join Chelmer Valley Sixth Form, may I extend a special welcome. Staff will be on hand to advise you but you may wish to make Miss Lucas, Head of Sixth Form, your first point of contact. Please do also make a point of introducing yourself to me.

Everyone at Chelmer Valley High School is here to support you in finding the right pathway to a very successful future. Miss Lucas and I very much look forward to welcoming you into the Sixth Form in 2012 and if I personally can be of any assistance to you, then please feel free to speak with me.



Mr D N Franklin  
Headteacher

**... The Chelmer Valley Route to success**

### **What are the entry requirements for Chelmer Valley Sixth Form?**

The Chelmer Valley Sixth Form minimum entry requirement is 5 GCSE subjects at grade C or higher, including English and Mathematics. However, if you wish to study a subject at AS and A level you will usually need to achieve a GCSE **grade B or above** in that subject. In subjects that you can't study at GCSE level (eg Psychology), you will need to achieve a grade B or above in either English or Mathematics. **You will need to check each individual subject's information in this prospectus for their particular requirements.** To continue to study a subject to full A level in Year 13 you will normally need to achieve a Grade D or above at AS level, unless there are particular exceptional circumstances.

### **What is the structure of AS and A2 courses?**

Most courses are divided into sections of study (Modules) and are completed throughout the academic year. There is, therefore, a particular emphasis upon meeting deadlines and completing coursework assignments. Each module is assessed individually, usually in an examination (taken in January or May/June) or as coursework. Sometimes a module is part examination and part coursework.

### **What subjects should you choose?**

- Do you have a particular career in mind? (eg Medicine, Veterinary Medicine, Law, Accountancy etc).  
**[www.independent.co.uk/student/into-university/az-degrees](http://www.independent.co.uk/student/into-university/az-degrees)** gives good information about choosing the right A levels for a particular degree/career choice.
- Do you have aspirations to attend a top university? (eg Oxford, Cambridge, Russell Group Universities etc). You will need to choose at least 2, and ideally 3 "traditional academic" subjects.
- What are you good at?
- What do you enjoy?

**The subjects included in this prospectus are subject to final confirmation. It is currently our intention to run all of the courses. However, this is subject to sufficient students applying to study each course.**

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## Timetable of Events

13 <sup>th</sup> October 2011	Year 11 into 12 progression evening
October – December 2011	Students to research possible subject choices with subject staff
16 <sup>th</sup> December 2011 – 3.30pm	Closing date for applications
January/ February /March 2012	Interviews held for prospective students.
End of March / Early April 2012	Offer of place letters sent.
4 <sup>th</sup> July / 5 <sup>th</sup> July 2012	Returners / Induction Days (for all prospective Year 12 students)
23 <sup>rd</sup> August 2012 – From 9am – 11am	GCSE Results Day
3 <sup>rd</sup> September 2012	First day of Sixth Form (subject to final confirmation)

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	<b><i>Art &amp; Design – Fine Art</i></b>
	<p style="text-align: center;"><b>AS and A level</b></p> <p><b>AS level:   OCR H161</b> <b>A level:     OCR H561</b></p>

How long is the course?	The AS level course takes 1 year. The A level course takes 2 years.
Who can do the course?	Those wishing to develop their art work in order to pursue a career in Art and Design, any aspect of Art, Design and Craft.
What qualifications do I need to do the course?	Chelmer Valley Sixth Form minimum entry requirement and <b>GCSE Art and Design grade B or above</b> . An interest in, and enthusiasm for Art is essential.
What will I have the opportunity to study?	Painting and mixed media, thematic studies, sculpture and printmaking. Students must specialise in one area in their final year. Students are encouraged to make visits to museums and galleries to develop their knowledge of artists and designers.
What is involved?	Students work on a structured programme of study which aims to help them to develop maturity and independence. AS – a Coursework Portfolio of practical work plus a 5hr exam. A level – one extended Personal Investigation, (including a written study of 1000 - 300 words) and a 15 hour exam.
What could I do next?	Employment in many areas of Art and Design. Higher Education e.g. College 1 year Foundation Art Course then an Art based University Degree or immediate start at Degree level, e.g. Architecture

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Who can tell me more?	Mrs J Watson, Mr J Young or Mrs S Bedford
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	<b>Chelmer Valley Sixth Form</b> <b><i>Biology</i></b>
	<b>AS and A level</b>
	<b>AS level:   OCR H021</b> <b>A level:     OCR H421</b>

How long is the course?	The AS level course takes 1 year. The A level course takes 2 years.
Who can do the course?	Students with an enquiring mind and an interest in living organisms and their environment, who wish to develop their scientific knowledge to a higher level.
What qualifications do I need to do the course?	Chelmer Valley Sixth Form minimum entry requirement and <b>GCSE Double Science grade BB or above or GCSE Biology grade B or above if studying Triple Science.</b>
What will I have the opportunity to study?	You will learn about many of the topics covered in the GCSE course in greater detail, as well as new ones. New topics include Mammalian Physiology, Microbiology, Biochemistry, Genetics and Food and Health and the Environment.
What is involved?	Four modules are studied over two years for the 'A' level course. 2 modules are studied over one year for the AS course.
What could I do next?	A and AS level Biology allow you to enter a variety of careers either directly related to Biology e.g. doctor, nurse, biochemist, physiotherapist or a career in other areas.

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Who can tell me more?	Mrs E Godfrey or Mr M Hyde
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	<b>Chelmer Valley Sixth Form</b> <b><i>Applied Business – Single Award</i></b>			
	<b>AS and A level</b>			
	<table> <tr> <td><b>AS level</b></td> <td><b>Edexcel 8721</b></td> </tr> <tr> <td><b>A level</b></td> <td><b>Edexcel 9721</b></td> </tr> </table>	<b>AS level</b>	<b>Edexcel 8721</b>	<b>A level</b>
<b>AS level</b>	<b>Edexcel 8721</b>			
<b>A level</b>	<b>Edexcel 9721</b>			

How long is the course?	The AS level course takes 1 year. The A level course takes 2 years.
Who can do the course?	The course assumes you have no previous business knowledge and is therefore open to students who both have or have not studied business previously. It is a very useful qualification which is useful for a range of careers.
What qualifications do I need to do the course?	Chelmer Valley Sixth Form minimum entry requirement. <b>(A previous qualification in Business is not a requirement)</b> . You should enjoy independent working & coursework whilst having an interest in the business world.
What will I have the opportunity to study?	The units covered in the single AS include: Investigating People at Work (exam unit), Investigating Marketing and Investigating Business (both coursework). At A2 you go on to study Business Development (The exam board sets Controlled coursework), External Influences on Business (coursework), and Managing and Developing People (coursework).
What is involved?	Classroom and field research, including visiting and collecting information from local organisations. Relating theory to practical real world businesses is the clear focus. Applying business concepts and solving business problems in a work related context adds interest and realism to the topics investigated.
What could I do next?	Students go on to study business degrees at university including Law, Accountancy, Economics and Business Administration or other similar management courses. You can also alternatively go straight into employment.

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Who can tell me more?	Mr J Beadle
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	<b>Chelmer Valley Sixth Form</b> <b><i>Applied Business – Double Award</i></b>
	<b>AS and A level</b>
	<b>AS level: Edexcel 8722</b> <b>A level: Edexcel 9722</b>

How long is the course?	The AS level course takes 1 year. (2 option choices) The A level course takes 2 years. (2 option choices)
Who can do the course?	The course requirements are the same as for Applied Business Single Award. You must also choose the Applied Business Single Award option if you are to study Applied Business Double Award.
What qualifications do I need to do the course?	Chelmer Valley Sixth Form minimum entry requirement. <b>(A previous qualification in Business is not a requirement)</b> . You should enjoy independently writing coursework and should be self motivated.
What will I have the opportunity to study?	In addition to the AS single award units you study: Electronic Business (coursework), Customer Service (coursework) and Investigating Promotion (exam). At A2 the additional units to the single award you study are: The Impact of Finance on Business Decisions (coursework), Marketing Decisions (Exam) and International Dimensions of Business(coursework)
What is involved?	You are expected to research business information independently and to work by yourself. You need to be well organised and you will have the opportunity to research real businesses that you are familiar with. You could choose to complete coursework units that use the employer you have a part time job with.
What could I do next?	Students go on to study business degrees at university including Law, Accountancy, Economics and Business Administration or courses like Outdoor Activities Management. You can go straight into employment.

**... The Chelmer Valley Route to success**

Who can tell me more?	Mr J Beadle
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	<b>Chelmer Valley Sixth Form</b> <b><i>Chemistry</i></b>
	<b>AS and A level</b>
	<b>AS level:   OCR H034</b> <b>A level:     OCR H434</b>

How long is the course?	The AS level course takes 1 year. The A level course takes 2 years.
Who can do the course?	Students with an enquiring mind and an interest in the study of matter or the environment, and who want a challenge.
What qualifications do I need to do the course?	Chelmer Valley Sixth Form minimum entry requirement and <b>GCSE Double Science grade BB or above or GCSE Chemistry grade B or above if studying Triple Science.</b>
What will I have the opportunity to study?	At AS level there are 3 units. At A2 level there are a further 3 units. Each unit begins by looking at the use of Chemistry in everyday situations and builds up chemical knowledge as required to understand the situation. The course has a large practical component and at each level one unit examines practical skills.
What is involved?	The units are examined in modules. AS students take the first 2 modular papers. A2 Level students take 2 more modular papers. The exams can be taken in January or June.
What could I do next?	There are many career opportunities available e.g. Doctor, Vet, Dentist and Forensic Scientist. You could also work in the field of water treatment or environmental protection.

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Who can tell me more?	Mrs S Mycock or Mr C Henson
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	<b>Chelmer Valley Sixth Form</b> <b><i>Design Technology Product Design</i></b> <b><i>(3-D Design)</i></b>
	<b>AS and A level</b>  <b>AS level:    AQA 1551</b> <b>A level:     AQA 2551</b>

How long is the course?	The AS level course takes 1 year. The A level course takes 2 years.
Who can do the course?	Anyone who wants to study an interesting and stimulating subject and has an aptitude for design.
What qualifications do I need to do the course?	Chelmer Valley Sixth Form minimum entry requirement and <b>GCSE grade B or above in any of the Technology disciplines (Textiles, Resistant Materials, Graphics or Electronics).</b>
What will I have the opportunity to study?	<b>Product Design</b> encompasses a wide range of design disciplines but is firmly rooted in the skills required to design and make high quality products using a wide range of materials. Products that are fit for purpose, satisfies wants and needs, enhances our day to day lives and, most importantly, give students the opportunity to demonstrate their design and technology capability.
What is involved?	First year students are given the opportunity to develop their creative, technical and practical skills through a series of product investigation, design and manufacturing activities. Second year students apply the skills they have acquired to design, develop, and make a product of their choice.
What could I do next?	The knowledge, skills and understanding gained are seen as being of great benefit to anyone pursuing Further Education courses giving students strong analytical and research skills.

**... The Chelmer Valley Route to success**

Who can tell me more?	Mr A Mitchell, Mr N Edwards or Miss J Lucking
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	<b>Chelmer Valley Sixth Form</b> <i>Drama</i>
	<b>AS and A level</b>  <b>AS level: Edexcel 8DR01</b> <b>A level: Edexcel 9DR01</b>

How long is the course?	The AS level course takes 1 year. The A level course takes 2 years.
Who can do the course?	Those who are interested in devising and interpreting Drama. The course uses practical workshops and the study of play texts to understand and explore a variety of genres.
What qualifications do I need to do the course?	Chelmer Valley Sixth Form minimum entry requirement. <b>GCSE English Language grade B or above.</b> <b>Preferably GCSE Drama at grade C or above,</b> and some experience of improvised drama in performance.
What will I have the opportunity to study?	Such areas as performance, the history of the theatre, set design, direction, lighting, costume and critiques of live theatre.
What is involved?	Theatre visits and solo and group improvisation, reading and performing plays, the study of theatrical styles and a good deal of written work. There is a written examination at the end of Year 13.
What could I do next?	Entry to courses or a career; this is a good foundation for teaching, production, design, acting, stage management, journalism or drama therapy.

**... The Chelmer Valley Route to success**

Who can tell me more?	Mrs J Marchant or Miss J Dennis
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	<b>Chelmer Valley Sixth Form</b> <b><i>English Literature</i></b>
	<b>AS and A level</b>
	<b>AS level: AQA 1741</b> <b>A level: AQA 2741</b>

How long is the course?	The AS level course takes 1 year. The A level course takes 2 years.
Who can do the course?	Anyone who enjoyed GCSE Literature, and loves reading, writing about and discussing books.
What qualifications do I need to do the course?	Chelmer Valley Sixth Form minimum entry requirement and <b>GCSE English and English Literature at grade B or above.</b>
What will I have the opportunity to study?	Modern authors and texts, such as <i>The Kite Runner</i> , as well as pre-twentieth century literature including Marlowe and Shakespeare.
What is involved?	Four Units: Aspects of Narrative, Dramatic Genres, Elements of the Pastoral or Gothic & Further and Independent Reading.  Assessment is by coursework and examination.
What could I do next?	This is an ideal qualification for entry to many courses of Higher Education, and it is essential for those hoping for a career in the media or publishing.

**... The Chelmer Valley Route to success**

Who can tell me more?	Mrs E Endicott
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	<b>Chelmer Valley Sixth Form</b> <b><i>French</i></b>
	<b>AS and A level</b>
	<b>AS level:    AQA 1650</b> <b>A level:     AQA 2650</b>

How long is the course?	The AS level course takes 1 year. The A level course takes 2 years.
Who can do the course?	Those who have shown a flair for French, who enjoy the challenge of languages, who are curious about social and cultural issues, and who recognise the importance of French at work and for personal development.
What qualifications do I need to do the course?	Chelmer Valley Sixth Form minimum entry requirement and <b>GCSE French at grade B or above.</b>
What will I have the opportunity to study?	Students study a range of authentic material. In doing so they dramatically expand their range of vocabulary and grammar so that they become familiar with more exciting topics such as the Media, the Environment and Multiculturalism.
What is involved?	Most materials come from French radio, television, newspapers and Internet sites. Students work through a variety of grammatical activities, comprehension tasks and essays based on these.
What could I do next?	A degree in French or as part of another degree course, e.g. Engineering and French, Primary School teaching and French or Applied Languages.

**... The Chelmer Valley Route to success**

Who can tell me more?	Mr A Roy or Mrs S Hammoudi
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	<b>Chelmer Valley Sixth Form</b>
	<b><i>German</i></b>
	<b>AS and A level</b>
	<b>AS level:    AQA 1660</b> <b>A level:     AQA 2660</b>

How long is the course?	The AS level course takes 1 year. The A level course takes 2 years.
Who can do the course?	Anyone interested in developing their ability to communicate in German for career, travel or further study purposes.
What qualifications do I need to do the course?	Chelmer Valley Sixth Form minimum entry requirement and <b>GCSE German at grade B or above.</b>
What will I have the opportunity to study?	The syllabus extends naturally from the skills developed at GCSE. Equal stress is placed on each of the four linguistic skills, together with acquisition of knowledge about contemporary German culture and society through the study of selected topic areas, e.g. media, culture, fashion, relationships, study of a region, a work of literature and the environment.
What is involved?	Most teaching takes place in the target language, supported by materials taken from films, television, radio, the Internet and the press. Students will be well prepared to use the language for practical communication, but other skills, such as giving presentations, are part of A level studies.
What could I do next?	A degree in Modern Languages or as part of another degree course, e.g. Business Studies. Wide employment opportunities, as many companies consider a European language a very useful additional skill.

**... The Chelmer Valley Route to success**

Who can tell me more?	Mr R Watts.
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	<b>Chelmer Valley Sixth Form</b> <b><i>Geography</i></b>
	<b>AS and A level</b>
	<b>AS level:    AQA 1031</b> <b>A level:     AQA 2031</b>

How long is the course?	The AS level course takes 1 year. The A level course takes 2 years.
Who can do the course?	Anyone interested in understanding our physical and human environment, who enjoys looking at issues and has an enquiring mind. Geography combines well with Science and Arts AS levels.
What qualifications do I need to do the course?	Chelmer Valley Sixth Form minimum entry requirement. <b>GCSE Geography at grade B or above, or in the case of students who have not studied GCSE Geography you must achieve at least a grade B in English language.</b>
What will I have the opportunity to study?	At AS level, students study units on rivers, hot desert environments, energy issues, population and geographical skills. At A level students study units on the nature of ecosystems, plate tectonics and world cities.
What is involved?	In year 12 students attend a residential field centre where physical and human landforms are studied in preparation for the AS examination. At A level, students prepare for modular examinations on a variety of Human and Physical topics and sit a decision making paper.
What could I do next?	General Management, Finance and Banking, Teaching, Outdoor Education, Environmental work, Town Planning, Cartography Surveying, Tourism, Land Management, Agricultural work, Geology and Mineral Extraction.

**... The Chelmer Valley Route to success**

Who can tell me more?	Mr S Walsh
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	<b>Chelmer Valley Sixth Form</b> <i>History</i>
	<b>AS and A level</b>
	<b>AS level: Edexcel 8H101</b> <b>A level: Edexcel 9H101</b>

How long is the course?	The AS level course takes 1 year. The A level course takes 2 years.
Who can do the course?	Anyone who is interested in nineteenth and twentieth century history. We focus on aspects of British, Italian and German History.
What qualifications do I need to do the course?	Chelmer Valley Sixth Form minimum entry requirement. <b>GCSE History at grade B or above, or in the case of students who have not studied GCSE History you must achieve at least a grade B in English Language.</b>
What will I have the opportunity to study?	At AS level, students study the unification of Germany and Italy. We also study British political and social history during a time of significant change (1945-90). At A2 level, students study the Kaiser to the Führer (1900 - 1945). There is also coursework covering 25% of the final marks on British foreign policy in the nineteenth century.
What is involved?	We learn in a variety of ways: debates, use of the internet, learning exam technique, attending conferences and teaching each other – even through a puppet show!
What could I do next?	History offers a great route to almost any degree – it is especially valuable for students tempted by Law, Journalism, Media or Politics.

**... The Chelmer Valley Route to success**

Who can tell me more?	Mr Irven or Mrs Cook
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	<b>Chelmer Valley Sixth Form</b> <b><i>ICT</i></b>
	<b>OCR Nationals</b>
	<b>OCR National Certificate : OCR 06502</b>

How long is the course?	The National Certificate takes 2 years. You must complete the full two years to gain the qualification.
Who can do the course?	You should have an interest in developing the knowledge and skills you need to be a competent and informed ICT user and practitioner.
What qualifications do I need to do the course?	Chelmer Valley Sixth Form minimum entry requirement. <b>You should preferably have a Grade B (Merit) for ICT.</b>
What will I have the opportunity to study?	During the first year, three units will be covered: Digital Business Communication, Collaborate Working and Cartooning & Animation. During the second year another two compulsory units will be covered : Problem Solving, Creating a Digital Showcase and another optional unit from this list : Digital Imaging & Photography, Advanced Spreadsheets, Digital Video, Music Technology, CAD/CAM, Web Authoring and Computer Games Technology.
What is involved?	This course has no exam and is all coursework based. The units will be internally assessed and moderated by the exam board. Some coursework will be presented in a folder and some digitally. Each unit has clear assessment criteria to allow students to work independently.
What could I do next?	This course will either prepare the student for a more specialised course in higher education or to enter a career which requires the use of IT/Technology as a core part of their work.

**... The Chelmer Valley Route to success**

Who can tell me more?	Ms B. Rickard
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	<b>Chelmer Valley Sixth Form</b> <b><i>Mathematics</i></b>
	<b>AS and A level</b>
	<b>AS level:     Edexcel 8371</b> <b>A level:       Edexcel 9371</b>

How long is the course?	The AS level course takes 1 year. The A level course takes 2 years.
Who can do the course?	Those who wish to develop their mathematics to a higher level for career or further study purposes.
What qualifications do I need to do the course?	Chelmer Valley Sixth Form minimum entry requirement. <b>A grade A or above in Mathematics is preferable, although students with a grade B will be considered on an individual basis.</b>
What will I have the opportunity to study?	Pure Mathematics, Statistics and possibly Decision Mathematics at AS level and Pure Mathematics and Decision Mathematics, Mechanics or Statistics at A2 level.
What is involved?	Passes are required in six modules for A level and three modules for AS level. Modules are examined throughout the course, with each module carrying equal weighting towards the final grade.
What could I do next?	Enter a career in banking or finance, or use as a qualification for entry to a Mathematics, Science, Engineering, Economics or other degree course. Some degree courses require Further Mathematics too.

**... The Chelmer Valley Route to success**

Who can tell me more?	Mrs C Robbins or Mr A Sheldon
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	<b>Chelmer Valley Sixth Form</b> <b><i>Further Mathematics</i></b>
	<b>AS and A level</b>  <b>AS level: Edexcel 8371</b> <b>A level: Edexcel 9372</b>

How long is the course?	The AS level course takes 1 year. The A level course takes 2 years.
Who can do the course?	Those interested in studying Mathematics, Physics, Engineering, Economics and other related degrees at university. The availability of the course will depend on the number of students wishing to take it.
What qualifications do I need to do the course?	Chelmer Valley Sixth Form minimum entry requirement and <b>GCSE Mathematics at grade A*</b> . <b>Students must also study A Level Mathematics.</b>
What will I have the opportunity to study?	Pure Mathematics, Mechanics, Statistics and Decision Mathematics.
What is involved?	In addition to the six modules needed for A level, three extra modules are needed for AS Further Mathematics or six extra for A level Further Mathematics.
What could I do next?	Go on to study Mathematics, Physics, Engineering, Economics etc at university and then progress to careers closely related to these subjects or to finance, computing, business and management.

**... The Chelmer Valley Route to success**

Who can tell me more?	Mrs C Robbins or Mr A Sheldon
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	<b>Chelmer Valley Sixth Form</b> <b><i>Media Studies</i></b>
	<b>AS and A level</b>
	<b>AS level:   OCR H140</b> <b>A level:     OCR H540</b>

How long is the course?	The AS level course takes 1 year. The A level course takes 2 years.
Who can do the course?	Anyone who enjoys IT, English or Creative subjects. You will analyse and write about films, animation, television, websites and magazines, as well as create them. If you're interested in how media works shape our culture then this is for you.
What qualifications do I need to do the course?	Chelmer Valley Sixth Form minimum entry requirement and <b>GCSE English at grade C or above and at least one of GCSE ICT or a creative subject at grade C or above.</b>
What will I have the opportunity to study?	In practical units, you will investigate a range of issues about film, websites or magazines, then plan and produce your own. In theory units, you will analyse film and television, as well as investigating issues such as media technologies, video games, gender, race, sexuality, violence and culture in media works.
What is involved?	You will work in a group or individually, on a product such as a film opening sequence, soap opera trailer or magazine. You will need to read and research media institutions as well as watching TV and reading magazines! You should have a real interest in the media and have the ability to work independently and manage your own projects.
What could I do next?	Design skills, independent research and text analysis will be useful for any further courses you might wish to follow. The course is useful if you are planning to go into graphic design, TV and film directing, IT, marketing, PR or journalism.

**... The Chelmer Valley Route to success**

Who can tell me more?	Miss G Peacock
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	<b>Chelmer Valley Sixth Form</b> <b><i>Music</i></b>
	<b>AS and A level</b>  <b>AS level: Edexcel 8MU01</b> <b>A level: Edexcel 9MU01</b>

How long is the course?	The AS level course takes 1 year. The A level course takes 2 years.
Who can do the course?	Those who wish to develop their own musical talents to the full.
What qualifications do I need to do the course?	Chelmer Valley Sixth Form minimum entry requirement and <b>GCSE Music at grade B or above or an Associated Board Grade V Theory of Music. Also, an ability to play up to Grade IV standard on at least one instrument.</b>
What will I have the opportunity to study?	In the AS year, students will enhance their skills in Performing, Composing, Listening and Understanding. These will be developed further in the A level year with more detailed analysis, higher levels of composition and performing.
What is involved?	There are 3 units. 1) Performance 2) Composition and 3) Understanding Musical Extracts. Alongside their general classroom based activities, all A level candidates would be expected to participate in as much school and community music-making as possible and run their own extra curricular club.
What could I do next?	You may become a performer, teacher, music therapist or go into music publishing. Alternatively, music is generally a good subject to take as it enhances both Science and Mathematics based courses.

**... The Chelmer Valley Route to success**

Who can tell me more?	Miss A Russell or Mrs L Turnnidge
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	<b>Chelmer Valley Sixth Form</b> <b><i>Music Technology</i></b>
	<b>AS and A level</b>
	<b>AS level:     Edexcel 8MT1</b> <b>A level:       Edexcel 9MT01</b>

How long is the course?	The AS level course takes 1 year. The A level course takes 2 years.
Who can do the course?	Anyone with an interest in the technological aspects of music making such as recording, sequencing and producing.
What qualifications do I need to do the course?	Chelmer Valley Sixth Form minimum entry requirement. <b>You do not need to have taken music at GCSE but will need to have ability on an instrument, enthusiasm for the subject and be able to read basic music notation.</b>
What will I have the opportunity to study?	The main elements of the course are Sequencing and Recording. You will learn about the History of Music Technology and how it can be applied to a range of musical activities. You will be expected to arrange and compose and your listening skills will be developed.
What is involved?	A level Music Technology candidates will be expected to participate in a technological way towards all school music making, including sound and light programming for concerts and shows.
What could I do next?	There are an increasing number of University courses and employment opportunities in this field. The music industry is always looking for qualified and experienced producers.

**... The Chelmer Valley Route to success**

Who can tell me more?	Miss A Russell or Mrs L Turnnidge
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	<b>Chelmer Valley Sixth Form</b> <b><i>Performing Arts (Musical Theatre)</i></b>
	<b>BTEC National</b>
	<b>National Certificate:                      Edexcel 4430</b> <b>National Subsidiary Diploma:      Edexcel 4422</b>

How long is the course?	The National Certificate course takes 1 year. The National Subsidiary Diploma course takes 2 years.
Who can do the course?	Those interested in a career in Dance, Drama or Music. The course is career based.
What qualifications do I need to do the course?	Chelmer Valley Sixth Form minimum entry requirement.
What will I have the opportunity to study?	Learning is based on completing projects and assignments that are based on realistic workplace situations and activities. E.g. Acting Principles, Singing for Actors and Dancers, Choreographic Principles and Performing for an Audience.
What is involved?	The National Certificate is made up of one core unit and two specialist units (this is equivalent to an AS Level). The National Subsidiary Diploma is made up of two core units and four specialist units (this is equivalent to 1 A Level).
What could I do next?	Musical theatre performance, singing, musical entertainment and performance support.

**... The Chelmer Valley Route to success**

Who can tell me more?	Miss J Dennis, Miss G Peacock or Mrs L Abbott.
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	<b>Chelmer Valley Sixth Form</b> <i>Philosophy</i>
	<b>AS and A level</b>
	<b>AS level:    AQA 1171</b> <b>A level:     AQA 2171</b>

How long is the course?	The AS level course takes 1 year. The A level course takes 2 years.
Who can do the course?	This course is open to anyone who is interested in philosophical themes and concepts. The ability to reason, form judgements and debate are essential.
What qualifications do I need to do the course?	Chelmer Valley Sixth Form minimum entry requirement and <b>GCSE English at grade B or above. GCSE Religious Studies is not a requirement.</b>
What will I have the opportunity to study?	<b>AS Unit 1 – An Introduction to Philosophy 1</b> Reason, Personhood and God. <b>AS Unit 2 – An Introduction to Philosophy 2</b> Knowledge, God, Free will and Determinism. <b>A2 Unit 3 – Key Themes in Philosophy</b> Philosophy of mind. Political and Moral Philosophy. <b>A2 Unit 4 – Philosophical Problems</b> Hume, Plato, Mill, Descartes, Nietzsche.
What is involved?	A range of topics that will interest and challenge; it is a critical and constructive study of the nature of constructing argument.
What could I do next?	A respected subject that can either be used as a foundation of the further study of Philosophy or to demonstrate the ability to formulate argument for any study at university or college.

**... The Chelmer Valley Route to success**

Who can tell me more?	Miss G Woolley or Mrs R Walsh
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	<b>Chelmer Valley Sixth Form</b> <i>Physical Education</i>
	<b>AS and A level</b>
	<b>AS level:   AQA 1580</b> <b>A level:     AQA 2580</b>

How long is the course?	The AS level course takes 1 year. The A level course takes 2 years.
Who can do the course?	Those who are interested in both the theoretical and practical aspects of sport and physical education.
What qualifications do I need to do the course?	Chelmer Valley Sixth Form minimum entry requirement. <b>GCSE PE at grade B or above if you are studying GCSE PE. If you are not studying GCSE PE you will be considered on an individual basis, but must achieve a high grade in either GCSE Biology or GCSE Science.</b>
What will I have the opportunity to study?	Anatomy and Physiology, Biomechanics, Psychology of Sport, History of Sport and Contemporary Issues. The course also involves a study of the principles of fitness and training and the evaluation of performance.
What is involved?	Theory sessions and practical sessions. Theory counts for 60% and practical/project work counts for 40% of the final mark.
What could I do next?	Entry to Higher Education courses and a career in teaching, leisure management, or the leisure industry generally.

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Who can tell me more?	Mr S Wareham
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	<b>Chelmer Valley Sixth Form</b>
	<b><i>Physics</i></b>
	<b>AS and A level</b>
	<b>AS level: Edexcel 8PH01</b>
	<b>A level: Edexcel 9PH01</b>

How long is the course?	The AS level course takes 1 year. The A level course takes 2 years.
Who can do the course?	If you are interested in how things work, in solving problems logically or in fundamental questions about the nature of the universe, then Physics will be an ideal subject for you.
What qualifications do I need to do the course?	Chelmer Valley Sixth Form minimum entry requirement and a <b>grade BB in double Science or grade B in Physics if studying triple Science plus a B grade in Mathematics. Studying AS Maths would also be beneficial.</b>
What will I have the opportunity to study?	A range of traditional Physics areas with the emphasis being on applications such as: forces in buildings; movement in sport; waves in musical instruments; fields around planets; electricity in everyday life; electromagnetism and motors; heat and insulation in refrigerators; nuclear power using radioactivity and quantum physics.
What is involved?	The course will consist mainly of explanatory lectures, demonstrations, practical work and problem-solving. AS assessment consists of two module exams and a coursework unit conducted mainly under controlled conditions in the lab. A level has two more module exams, and a further controlled practical assessment.
What could I do next?	A level Physics can lead to almost any degree course. It is essential for many courses and for careers in engineering, science, medicine and technology.

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Who can tell me more?	Mr R Harper
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	<b>Chelmer Valley Sixth Form</b> <i>Psychology</i>
	<b>AS and A level</b>
	<b>AS level: Edexcel 8PS01</b> <b>A level: Edexcel 9PS01</b>

How long is the course?	The AS level course takes 1 year. The A level course takes 2 years.
Who can do the course?	Students with an enquiring mind who want a rewarding, interesting and challenging course finding out more about people. Also required is the ability to consider evidence, critical thinking skills and a good sense of humour!
What qualifications do I need to do the course?	Chelmer Valley Sixth Form minimum entry requirement and <b>GCSE English Language at grade B or above and a GCSE Science grade C or above.</b>
What will I have the opportunity to study?	Course content includes aspects of social and cognitive psychology, the biological approach and learning theory approaches to human behaviour. Topics covered include: obedience, prejudice, memory, forgetting, personality, gender, the nature / nurture debate, eyewitness testimony, substance abuse, criminological psychology and clinical psychology.
What is involved?	Reading, debates and discussions about established psychological research. There are five practicals to complete at A2 and four at A2 showcasing a variety of research methods. The examination questions are a mixture of shorter multiple choice and compulsory questions at AS with longer extended answers at A2.
What could I do next?	A very wide range of careers and university degrees that include the media, law, personnel or marketing management, teaching, social and youth work, public relations, advertising, criminology or psychiatry.

**... The Chelmer Valley Route to success**

Who can tell me more?	Miss V Lucas, Mr M Hyde or Ms H McDonald
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	<b>Chelmer Valley Sixth Form</b> <b><i>Sociology</i></b>
	<b>AS and A level</b>
	<b>AS level:    AQA 1191</b> <b>A level:     AQA 2191</b>

How long is the course?	The AS level course takes 1 year. The A level course takes 2 years.
Who can do the course?	Those able to manage a demanding course and who have a critical, enquiring mind, enjoy debating and have a good sense of humour! Students should have a good standard of oral and written skills.
What qualifications do I need to do the course?	Chelmer Valley Sixth Form minimum entry requirement and <b>GCSE English at grade B or above.</b>
What will I have the opportunity to study?	Sociology topics include: Families and Households, Education, Sociological Methods, Mass Media and Crime and Deviance. If you want a broader picture about what goes on in society, this course is ideal.
What is involved?	A great deal of reading, discussions and debates. The examinations are a mixture of compulsory short and long written answers. There is some choice of questions at A2.
What could I do next?	Sociology allows you to choose from a very wide range of careers and university courses that include the media, advertising, law, teaching, social and youth work, public relations or journalism.

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Who can tell me more?	Ms H McDonald
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	<b>Chelmer Valley Sixth Form</b> <b><i>General Studies</i></b>
	<b>AS and A level</b>
	<b>AS level:     Edexcel 8GS01</b> <b>A level:       Edexcel 9GS01</b>

How long is the course?	The AS level course takes 1 year. The A level course takes 2 years.
Who can do the course?	Every student in Year 12 and 13 takes AS or A2 General Studies as a compulsory subject to complement and broaden A-level studies as well as providing an additional qualification.
What qualifications do I need to do the course?	Chelmer Valley Sixth Form minimum entry requirement.
What will I have the opportunity to study?	The two AS units explore the areas of science, culture and society under the headings 'Challenges for Society' and 'The Individual in Society'. The A2 modules continue these themes through units entitled 'Change and Progress' and 'Beliefs, Values and Responsibilities'. The course covers a wide range of topical material and ideas from both science and the arts.
What is involved?	Students attend a compulsory lesson every fortnight but will need to read around the topics covered using broadsheet newspapers, magazine, books or the internet. Regular pieces of work are set in each lesson to help consolidate the understanding of the topics covered in that lesson. There is no coursework.
What could I do next?	General Studies helps students develop the skills of forming and presenting a reasoned argument, backed up by evidence and in this way it supports all other academic study, both in the Sixth Form and beyond.

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Who can tell me more?

Mrs G Gold or Miss V Lucas

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