

Course Title:	Applied Certificate in Food Science and Nutrition
This subject is a Level 3 BTEC.	
Examination Board and details	WJEC Level 3 Certificate in Food Science and Nutrition Course codes – Internal assessment: 4563UA External assessment: 4563UB Qualification Accreditation Number: 601/4553/5
Course Structure:	The course consists 90 minute written examination; plus 15 minutes reading time. This accounts for 50% of the course. The remaining 50% is achieved through an internal, centre-marked assignment.
Course Structure:	Written examination The exam paper has three sections <ul style="list-style-type: none"> • Section A is short answer questions • Section B is extended answer questions • Section C relates to a case study The paper will be graded Level 3 Pass, Level 3 Merit and Level 3 Distinction. The examination will assess the candidates' understanding of: <ul style="list-style-type: none"> • the importance of food safety • properties of nutrients • the relationship between nutrients and the human body • nutritional requirements when planning diets/menus Internally marked assignment This assignment will assess candidates' understanding of the same elements as the external exam detailed above with the addition of assessing the candidates' ability to: <ul style="list-style-type: none"> • Plan the production of complex dishes • Cook complex dishes
How you will learn (investigations, course work etc.)	Through this unit, you will have gained an understanding of how to identify hazards and minimise risks when producing food to meet the nutritional needs of specific groups. You will learn about different types of nutrients and how those are used by the body to ensure you can plan a balanced nutritious diet. You will develop skills for preparing, cooking and presenting nutritious dishes that meet specific needs. The course will therefore be taught via a combination of theory and practical lessons.

Assessment Methods	The course consists of 1 unit. The purpose of this unit is for learners to develop an understanding of the nutritional needs of specific target groups and plan and cook complex dishes to meet their nutritional needs.
Skills you will need	<p>To be successful you will need to have a clear interest in:</p> <ul style="list-style-type: none"> • Nutrition, issues related to diet and the nutritional needs of groups of people. • Food preparation and the skills/techniques involved. • The running of a commercial kitchen in terms of food safety etc. • Producing high quality complex dishes. <p>You need to be enthusiastic, motivated, and willing to dedicate a considerable amount of time outside of your timetabled lessons to acquire the skills and knowledge needed to be successful in this qualification.</p>
Careers Steps/Progression	<ul style="list-style-type: none"> • Higher education: degrees in Human Nutrition, Public Health Nutrition, Food Science and Technology • Careers in Nutrition/Dietetics • Vocational courses/careers in the food production industry
Contact:	Miss Hewitt, Larkmead School

Course Title:	BTEC Level 3 National Extended Certificate in Travel and Tourism
This qualification is designed to support learners who are interested in learning about the travel and tourism industries alongside other fields of study, with a view to progressing to a wide range of higher education courses, not necessarily in travel and tourism-related subjects.	
Examination Board and details	AQA. AS Course code = 7131; A Level course code = 7132
Course Structure: AS	<p>AS level content The AS course includes the following topics.</p> <ol style="list-style-type: none"> 1. What is business? 2. Managers, leadership and decision making. 3. Decision making to improve marketing performance. 4. Decision making to improve operational performance. 5. Decision making to improve financial performance. 6. Decision making to improve human resource performance.
Course Structure: A Level	<p>A-level content The A-level incorporates the same six topics as AS, plus the following additional topics:</p> <ol style="list-style-type: none"> 1. Analysing the strategic position of a business. 2. Choosing strategic direction. 3. Strategic methods: how to pursue strategies. 4. Managing strategic change.
How you will learn (investigations, course work etc.)	<ul style="list-style-type: none"> ☐ Class discussions and presentations ☐ Research and independent learning ☐ Analysis of data ☐ Answering challenging questions
Assessment Methods at AS:	<p>AS level assessment Assessment is by two one-and-a-half hour written exams at the end of the course.</p> <p>Paper 1: Two compulsory sections, including multiple choice, short answer questions and data response questions.</p> <p>Paper 2: One compulsory case study consisting of seven questions.</p>
At AS:	<p>A-level assessment The A-level is assessed by three two hour written exams at the end of the course.</p> <p>Paper 1: Multiple-choice questions, short answer and two essays.</p> <p>Paper 2: Three compulsory data response questions.</p> <p>Paper 3: One compulsory case study consisting of six questions.</p>

	<p>Testing quantitative skills</p> <p>Both the AS and A-level assess quantitative skills, making up a minimum of 10% of the overall marks.</p> <p>The skills tested include ratios, averages, fractions, percentages and calculation of profit and loss.</p> <p>These are linear qualifications. In order to achieve the award, students must complete all exams in May/June in a single year.</p> <p>All assessments must be taken in the same series.</p>
<p>Skills you will need</p>	<ul style="list-style-type: none"> <input type="checkbox"/> Self-motivation <input type="checkbox"/> Interest in the business world <input type="checkbox"/> Independent learning and self-organisation <input type="checkbox"/> Problem solving <input type="checkbox"/> Critical analysis and evaluation <input type="checkbox"/> Mathematical skills for example percentage change.
<p>Careers Steps/Progression</p>	<p>A Level Business is welcomed by universities. It also provides an insight to the business world for students who wish to progress to courses and apprenticeships in fields such as; business, marketing, accounting, events management and many others.</p>
<p>Contact:</p>	<p>Mr Butler, Larkmead School</p>

Course Title:	Business
<p>This is a subject which is now a reformed A level which means that the result of the AS exams does not contribute to the overall A level mark and grade. If a student leaves the course after AS then this new type of AS is worth 40% of the UCAS points of the full A level for University entry in 2017 and beyond. If a student completes the two year A level course then it is only assessment at the end of the second year that counts towards the full A level grade.</p>	
Examination Board and details	AQA. AS Course code = 7131; A Level course code = 7132
Course Structure: AS	<p>AS level content The AS course includes the following topics.</p> <ol style="list-style-type: none"> 1. What is business? 2. Managers, leadership and decision making. 3. Decision making to improve marketing performance. 4. Decision making to improve operational performance. 5. Decision making to improve financial performance. 6. Decision making to improve human resource performance.
Course Structure: A Level	<p>A-level content The A-level incorporates the same six topics as AS, plus the following additional topics:</p> <ol style="list-style-type: none"> 1. Analysing the strategic position of a business. 2. Choosing strategic direction. 3. Strategic methods: how to pursue strategies. 4. Managing strategic change.
How you will learn (investigations, course work etc.)	<ul style="list-style-type: none"> • Class discussions and presentations • Research and independent learning • Analysis of data • Answering challenging questions
Assessment Methods	<p>At AS: AS level assessment Assessment is by two one-and-a-half hour written exams at the end of the course. Paper 1: Two compulsory sections, including multiple choice, short answer questions and data response questions. Paper 2: One compulsory case study consisting of seven questions.</p> <p>A-level assessment The A-level is assessed by three two hour written exams at the end of the course. Paper 1: Multiple-choice questions, short answer and two essays. Paper 2: Three compulsory data response questions. Paper 3: One compulsory case study consisting of six questions.</p> <p>Testing quantitative skills Both the AS and A-level assess quantitative skills, making up a minimum of 10% of the overall marks. The skills tested include ratios, averages, fractions, percentages and calculation of profit and loss.</p>
At A2:	

	<p>These are linear qualifications. In order to achieve the award, students must complete all exams in May/June in a single year.</p> <p>All assessments must be taken in the same series.</p>
<p>Skills you will need</p>	<ul style="list-style-type: none"> • Self-motivation • Interest in the business world • Independent learning and self-organisation • Problem solving • Critical analysis and evaluation • Mathematical skills for example percentage change.
<p>Careers Steps/Progression</p>	<p>A Level Business is welcomed by universities. It also provides an insight to the business world for students who wish to progress to courses and apprenticeships in fields such as; business, marketing, accounting, events management and many others.</p>
<p>Contact:</p>	<p>Mr Butler, Larkmead School</p>

Course Title:	Chemistry
<p>This is a subject which is now a reformed A level which means that the result of the AS exams does not contribute to the overall A level mark and grade. If a student leaves the course after AS then this new type of AS is worth 40% of the UCAS points of the full A level for University entry in 2017 and beyond. If a student completes the two year A level course then it is only assessment at the end of the second year that counts towards the full A level grade.</p>	
Examination Board and details	OCR A
Course Structure: AS Unit 1 Unit 2	<p>The Physical Chemistry topics are Atomic structure, Amount of substance, Bonding, Energetics, Kinetics, Chemical equilibria and Le Chatelier's principle, and Oxidation, reduction and redox equations. The areas of inorganic chemistry are Periodicity, Group 2, the alkaline earth metals and Group 7, the halogens. As an introduction to organic chemistry, students will study Alkanes, Halogenoalkanes, Alkenes, Alcohols and Organic analysis.</p>
Course Structure: A Level Unit 3 Unit 4	<p>Students will study:</p> <p>Reaction rates and equilibrium, pH and buffers, Enthalpy, entropy and free energy, Redox and electrode potentials and Transition elements compounds,</p> <p>Further organic chemistry will include Aromatic compounds, Carbonyl compounds, Carboxylic acids and esters, Nitrogen compounds, Polymers, Organic synthesis, Chromatography and spectroscopy.</p>
How you will learn (investigations, course work etc.)	<p>Students will undertake practical work to illustrate the underlying ideas throughout the course. There will be short questions set to check understanding along the way and longer questions at the end of each section.</p>
Assessment Methods At AS: At A Level:	<p>AS Students will take two exams each worth 50% of the grade, each made up of a mixture of short answers, longer structured answers and multiple choice questions. Each paper is 1hr 30 mins. Practical skills are examined by the written papers</p> <p>A2 students take three papers, two longer papers covering half the content each. These are made up of a mixture of short answers, longer structured answers and multiple choice questions. There is a slightly shorter, synoptic paper covering everything requiring longer answers. Practical competence is assessed via 12 practical tasks and reported separately as pass or fail.</p>
Skills you will need	<p>You will need to enjoy learning new ideas and be prepared to persevere if you find something difficult.</p> <p>You should be well organised and able to work to a tight time schedule in experiments.</p> <p>You should not be afraid of basic calculations.</p> <p>You do not need to have studied separate sciences at GCSE.</p>

A level choices @ 16+

Careers Steps/Progression	There are many careers in Chemistry open to you especially if you study the subject at university. Research and engineering jobs are interesting and rewarding. It is also a useful choice if you want to study Biology at university.
Contact:	Mrs Hussey, Larkmead School

Course Title:	Computer Science
<p>This is a subject which is now a reformed A level which means that the result of the AS exams does not contribute to the overall A level marks and grades. If a student drops the course after AS then this new type of the AS is worth 40% of the UCAS points of the full A level for University entry in 2018 and beyond. If a student completes the A level course then it is only the assessment at the end of the second year that counts towards the full A level grade.</p>	
Examination Board and details	AQA A-level Computer Science 7537
Course Structure: AS	<ul style="list-style-type: none"> • Fundamentals of programming • Fundamentals of data structure • Systematic approach to problem solving • Theory of computation • Fundamentals of data representation • Fundamentals of computer systems • Fundamentals of computer organisation and architecture • Consequences of uses of computing • Fundamentals of communication and networking
Course Structure: A Level	<ul style="list-style-type: none"> • Fundamentals of algorithms • Big Data • Fundamentals of functional programming • Systematic approach to problem solving • Non-exam assessment - the computing practical project
How you will learn (investigations, course work etc.)	<p>Content is delivered via lecture-style lessons, investigations, self-directed research, self-learning exercises (especially programming). Preparation for the practical exercise component of Paper 1 is self-directed, based on learning throughout the year.</p> <p>The Practical Project at A2 is self-managed, with interval deadlines set by teacher</p>
Assessment Methods At AS:	<p>Paper 1: An on-screen exam testing a student's ability to program, as well as their theoretical knowledge of computer science, focusing on programming fundamentals and theory of computation (50% of AS-level)</p> <p>Paper 2: A written exam testing a student's knowledge of aspects of computer science, such as data representation, computer systems and architecture, communications and networking and consequences of computing (50% of AS-level).</p>
At A Level:	<p>Paper 1: An on-screen exam testing a student's ability to program, as well as their theoretical knowledge of computer science, focusing on programming fundamentals and theory of computation (40% of A-level)</p> <p>Paper 2: A written exam testing a student's knowledge of other aspects of computer science, such as data representation, computer systems and architecture, communications and networking, big data, function and systematic programming, databases and consequences of computing. (40% of A-level).</p>

	A practical project assessing the student's ability to use the knowledge and skills gained through the course to solve or investigate and practical problem (20% of A-level).
Skills you will need	<ul style="list-style-type: none"> • Self-motivation • Interest in the basic functioning of computers; how they work, how they are programmed and the underlying logic. • Independent learning and self-organisation • Problem solving • Critical analysis • Aptitude for Maths • Computer Science GCSE is not a requirement for this course.
Careers Steps/Progression	A highly-regarded course for progression to Computer Science degree courses and other related courses such as systems analyst, software developer, network administrator. The emphasis on logical thinking and problem solving also means that the course prepares students effectively for courses such as engineering, medicine and many other less IT-focused academic routes.
Contact:	Mr Bate, John Mason School

Course Title:	Economics
<p>This is a subject which is now a reformed A level which means that the result of the AS exams does not contribute to the overall A level mark and grade. If a student leaves the course after AS then this new type of AS is worth 40% of the UCAS points of the full A level for University entry in 2017 and beyond. If a student completes the two year A level course then it is only assessment at the end of the second year that counts towards the full A level grade.</p>	
Examination Board and details	AQA AS and A Level Economics (AS 7135, A Level 7136)
Course Structure: AS	<p>Paper 1 Operation of markets and market failure</p> <p>Paper 2 The National Economy</p>
Course Structure: A Level	<p>Paper 1 Markets and market failure</p> <p>Paper 2 The National Economy</p> <p>Paper 3 Economic principals and issues</p>
How you will learn (investigations, course work etc.)	Students learn through analysis of economic theories then explore those theories through case studies and real life examples. Students are encouraged to engage in discussion and to model the use of economic analysis to explain the operation of real life markets.
Assessment Methods	<p>At AS: The exam structure is the same for both papers. The first part is a multiple choice section. The second part is a data response paper - students choose 1 of 2 possible contexts and with short answer and extended writing questions. Each paper is one and a half hours long and contributes 50% of the AS marks</p> <p>At A Level: Papers 1 and 2 are in two sections. Section A – students choose one context from a choice of two. Section B – students choose one context from a choice of three. Paper 3 Section A – multiple choice questions. Section B – extended writing questions. All papers are two hours long and contribute one third of A level marks.</p> <p>There is no course work at either AS or full A level.</p>

<p>Skills you will need</p>	<p>Contrary to popular belief, you do <u>not</u> need to be studying maths to do A level Economics, but you need to be comfortable with interpreting graphs and picking trends out of numeric data. The quantitative element of the course includes an understanding and application of ratios, fractions, percentages and revenue and profit. At A level this forms a minimum of 20% of the assessment and 15% at AS.</p> <p>Much more important is an enquiring mind, which looks below the surface of why things happen and a keen awareness of current events. You are encouraged to keep up-to-date with current events by reading a quality newspaper and watching current affairs programmes.</p>
<p>Careers Steps/Progression</p>	<p>Economics is a fascinating and highly respected subject at both degree and A level. It is widely seen as providing valuable analytical skills and knowledge of the world by universities and in a variety of jobs including business management, marketing, financial services and journalism. Holders of economics degrees are amongst the most highly paid graduates with salaries on par with professionals such as lawyers, doctors and dentists.</p>
<p>Contact:</p>	<p>Mr Adams, Larkmead School Mr Evans, Larkmead School</p>

Course Title:	English Language
<p>This is a subject which is now a reformed A level which means that the result of the AS exams does not contribute to the overall A level mark and grade. If a student leaves the course after AS then this new type of AS is worth 40% of the UCAS points of the full A level for University entry in 2017 and beyond. If a student completes the two year A level course then it is only assessment at the end of the second year that counts towards the full A level grade.</p>	
Examination Board and details	AQA
Course Structure: AS	
Unit 1: Language and the Individual	The first unit of study introduces students to language study, using methods of analysis (language frameworks) to explore textual variety and concepts of audience, purpose, genre, mode and representation.
Unit 2: Language and Diversity	In the second unit, students will study a range of examples of language in use and research data, examining texts aimed at certain groups or written for certain purposes to determine how and why language varies.
Course Structure: A Level	
Unit 1: Language, the Individual and Society	<i>(Studied in the first year)</i> Students are introduced to methods of language analysis to explore concepts of audience, purpose, genre, mode and representation. It also introduces students to the study of children's language development, exploring how children learn language and how they are able to understand and express themselves through language.
Unit 2: Language, Diversity and Change.	<i>(Studied in the second year)</i> The second unit, Language Diversity and Change, will focus on language discourses and how texts use language to present ideas, attitudes and opinions.
Unit 3: Language in Action	The aim of this area of study is to allow students to explore and analyse language data independently and develop and reflect upon their own writing expertise.
How you will learn (investigations, course work etc.)	<ul style="list-style-type: none"> • Presentations • Independent research and investigation • Group work • Essay writing • Debates • Long term projects • Quizzes
Assessment Methods At AS:	2 Papers. Each exam is: <ul style="list-style-type: none"> • 1 hour 30 minutes • 70 marks • 50% of AS

<p>At A Level:</p>	<p>2 Papers. Each exam is:</p> <ul style="list-style-type: none"> • 2 hours 30 minutes • 100 marks • 40% of A-level <p>Students will also create a language investigation (2,000 words excluding data) as well as a piece of original writing and commentary (1,500 words total). Word count for both pieces will be a total of 3,500 words worth 100 marks. This non exam assessment is worth 20% of the A-level mark and is assessed by teachers and moderated by AQA</p>
<p>Skills you will need</p>	<ul style="list-style-type: none"> • An interest in the analysis and construction of writing and in how language works • An interest in language issues in media and pop culture • A readiness to learn and use new terminology • A willingness to develop confidence to challenge assumptions and to view topics from a new perspective • Organisational skills • Problem solving and analytical skills
<p>Careers Steps/Progression</p>	<p>The AS English Language course provides a broad base of skills for a variety of undergraduate degrees and careers including: history, journalism, publishing, law, psychology, TEFL teaching, foreign languages, speech therapy, politics, media career and much more.</p>
<p>Contact:</p>	<p>Miss Simmons, Larkmead School</p>

Course Title:	English Literature
<p>This is a subject which is now a reformed A level which means that the result of the AS exams does not contribute to the overall A level mark and grade. If a student leaves the course after AS then this new type of AS is worth 40% of the UCAS points of the full A level for University entry in 2017 and beyond. If a student completes the two year A level course then it is only assessment at the end of the second year that counts towards the full A level grade.</p>	
Examination Board and details	AQA English Literature B
Course Structure: AS	<p>Students will study one of the following options:</p> <ul style="list-style-type: none"> • Option A: Aspects of Tragedy • Option B: Aspects of Comedy <p>Students study four texts: one Shakespeare play, one further drama text, one poetry text and one prose text.</p> <p>This will be taught as 2 units: Literary Genres: Drama Literary Genres: Prose and Poetry</p>
Course Structure: A Level	<p>Unit 1</p> <p>Literary Genres (studied in first year) Students will study one of the following options: Option 1A: Aspects of Tragedy Option 1B: Aspects of Comedy</p> <p>Students will study three texts: one Shakespeare text; a second drama text and one further text, of which one must be written pre-1900.</p> <p>Unit 2</p> <p>Texts and Genres (studied in second year) Students will study one of the following options: Option 2A: Elements of Crime Writing Option 2B: Elements of Political and Social Protest Writing</p> <p>Study of three texts: one post-2000 prose text; one poetry and one further text, one of which must be written pre-1900. The exam will include an unseen passage.</p> <p>Unit 3</p> <p>Non-exam Unit: Theory and independence (completed in second year) Study of two texts: one poetry and one prose text, informed by study of the Critical Anthology You will write two essays of 1250 -1500 words, each responding to a different text and linking to a different aspect of the Critical Anthology. One essay can be re-creative. The re-creative piece will be accompanied by a commentary.</p>

How you will learn (investigations, course work etc.)	Through: presentations, independent research, group work, debates, discussions, essay writing, academic critical reading, coursework
Assessment Methods At AS: At A Level:	2 papers each, exam is 1 hour 30 minutes •Paper 1 is closed book, Paper 2 is open book •both are worth 50 marks • each paper amounts to 50% of AS level Paper 1: • written exam: 2 hours 30 minutes • closed book • 75 marks • 40% of A-level Paper 2: • written exam: 3 hours • open book • 75 marks • 40% of A-level Non-exam Unit: Theory and independence Two essays of 1250 -1500 words • 50 marks • 20% of A-level • assessed by teachers • moderated by AQA
Skills you will need	<ul style="list-style-type: none"> • Self-motivation • A love for reading • Independent learning and self-organisation • Problem solving • Reviewing and modifying • Critical analysis • Resilience • Be prepared to debate and discuss different interpretations • Develop the confidence to challenge assumptions
Careers Steps/Progression	English Literature will provide a broad basis for career paths such as: Journalism, Politics, Media, Law, Speech Therapy, Historian, Psychology, Foreign Languages, Teaching, TEFL
Contact:	Mrs Cave, Larkmead School

Course Title:	Environmental Science
<p>This is a subject which is a two year A level course and is only assessment at the end of the second year. This course allows you to combine Geography, Biology, Physics and Maths in one subject, enabling you to touch on aspects of each subject with the aim to learn how to develop a more sustainable environment for future generations.</p>	
Examination Board:	AQA
Application Code:	7447
A Level Course Content:	<p>Paper 1: Topic 1: The Physical Environment. Topic 2: Energy Resources. Topic 3: Pollution Topic 4: Research methods.</p> <p>Paper 2: Topic 1: The living environment. Topic 2: Biological resources. Topic 3: Sustainability. Topic 4: Research methods.</p>
How you will learn (investigations, coursework etc.)	<p>Apart from classroom work and use of ICT, across both years, there is an exciting opportunity to spend either 4 days' worth of fieldwork and research when investigating the topics chosen or 2 days of fieldwork and 12 laboratory based activities. Fieldwork can be a great experience and allows you to apply your knowledge and understanding in a practical way.</p> <p>You must undertake experimental and investigative activities including appropriate risk management, in a range of environmental context. You must also know how to safely and correctly use a range of practical equipment and materials.</p>

<p>Assessment Methods</p>	<p>A Level: Paper 1: 3 hour written examination worth 50% of the final A Level examination. Worth 120 Marks.</p> <p>Paper 2: 3 hour written examination worth 50% of the final A Level examination. Worth 120 Marks.</p>
<p>Why study Environmental Science?</p>	<p>The Environmental Science A Level will appeal to you if:</p> <ul style="list-style-type: none"> • You are curious about the stability of the planet • You like asking questions and finding answers • You are interested in local, regional and global issues • You have the ability to think independently • You are interested in the bio-physical environment, energy resources pollution, circular economy and sustainability. • You want to combine aspects of Geography, Biology, Physics and Maths in one subject.
<p>Careers Steps/Progression</p>	<p>An A Level in Environmental Science opens doors! You will find that studying Environmental Science is a brilliant step towards a wider range of HE courses and/or employment opportunities.</p> <p>Further education — you can go on to study higher level courses, including Foundation degrees, undergraduate degrees and/or BTEC Higher Nationals</p> <p>Employment — Environmental Scientists can go into a wide range of jobs, including:</p> <ul style="list-style-type: none"> • Environmental consultant • Environmental education officer • Environmental engineer • Environmental manager • Marine biologist • Nature conservation officer • Recycling officer • Sustainability consultant • Waste management officer • Water quality scientist
<p>Contact:</p>	<p>Ms Rees, Larkmead School</p>



Course Title:	ART & DESIGN: Fine Art
<p>This is a subject which is now a reformed A level which means that the result of the AS exams does not contribute to the overall A level mark and grade. If a student leaves the course after AS then this new type of AS is worth 40% of the UCAS points of the full A level for University entry in 2017 and beyond. If a student completes the two year A level course then it is only assessment at the end of the second year that counts towards the full A level grade.</p>	
Examination Board and details	AQA Art & Design: Fine Art 7242
Course Structure: AS Component 1 Coursework (60%) Component 2 Exam (40%)	<p>Coursework unit comprises of internally set broad project themes that students explore, experiment, develop and refine towards finished outcomes. Preparatory studies are presented in sketchbooks or design sheets.</p> <p>The externally set assignment is issued 6-8 weeks in advance of the timed test (practical - 10 hrs) giving time to plan and prepare a visual response to the set theme.</p>
Course Structure: A Level Component 1 Coursework (60%) Component 2 Exam (40%)	<p>Coursework unit comprises of personal project investigation that students explore, experiment, develop and refine towards finished outcomes. Preparatory studies are presented in sketchbooks or design sheets. An extended written assignment where students profile their own work and ideas alongside artists' work is also required.</p> <p>The externally set assignment is issued 6-8 weeks in advance of the timed test (practical - 15 hrs) giving time to plan and prepare a visual response to the set theme.</p>
How you will learn (investigations, course work etc.)	<ul style="list-style-type: none"> • Personal research, experimentation & development of ideas • Coverage of a range of 2D & 3D techniques • Art theory and history • Site visits, exhibition, gallery and museum visits
Assessment Methods At AS & A Level:	<p>Both courses are taught across 4 assessment objectives (equal in weighting) that measures success against research, development, experimentation & investigation, refinement and making.</p> <p>All units are internally marked and externally moderated.</p>
Skills you will need	<ul style="list-style-type: none"> • Independent learning and self-organisation • Self-motivation & discipline • Passion for the arts scene – visiting galleries/exhibitions etc. • Problem solving, reviewing and modifying skills; understanding of design processes • Good observation skills & critical analysis skills
Careers Steps/Progression	<p>Large numbers of students progress to Art Foundation courses or Art & Design degrees in areas such as fashion, textiles & costume, film & animation, illustration, graphics & advertising, fine art & sculpture, photography, architecture, landscape design, theatre design, interior design.</p>
Contact:	Ms Phillips, Larkmead School

Course Title:	Further Mathematics
This is a subject which is now a reformed A level which means that the result of the AS exams does not contribute to the overall A level mark and grade.	
Examination Board and details	OCR
Course Structure: AS	<p>Pure: Deepen knowledge or proof, algebra, functions, calculus and vectors. Broaden knowledge on other numerate subjects with matrices and complex numbers.</p> <p>Statistics: Combinatorics, probability distributions for discrete random variables, chi-squared tests, correlation and regression.</p> <p>Mechanics: Extend knowledge of particles, kinematics and forces including dimensional analysis work, energy, power, impulse, momentum and circular motion.</p>
Course Structure: A Level	<p>Pure: More depth into previous topics as well as studying differential equations, polar coordinates and hyperbolic.</p> <p>Statistics 1: Probability distribution for continuous random variables, non-parametric tests, hypothesis tests and confidence intervals for a population mean.</p> <p>Mechanics: Application of vectors across topics, centres of mass and variable force.</p>
How you will learn (investigations, course work etc.)	Independent work, group work, paired work, regular testing and target setting
Assessment Methods AS	<p>2 exams</p> <p>Pure: 60 marks: 1 hour 15 min: 33.3%</p> <p>Statistics: 60 marks: 1 hour 15 min: 33.3%</p> <p>Mechanics: 60 marks: 1 hour 15 min: 33.3%</p>
A Level	4 Exams
	Pure Core 1: 75 marks: 1 hour 30 min: 25%
	Pure Core 2: 75 marks: 1 hour 30 min: 25%
	Statistics: 75 marks: 1 hour 30 min: 25%
	Mechanics: 75 marks: 1 hour 30 min: 25%
Skills you will need	<ul style="list-style-type: none"> • A love of Mathematics • Excellent algebra skills. • Problem solving • Resilience • Ability to work independently • Organisation
Careers Steps/Progression	Further Mathematics prepares students well for university courses and careers that are rich in Mathematics. Further Mathematics is preferred for many courses, and is required by some.
Contact:	Mrs Wilcock, Larkmead School

Course Title:	Geography
	This is a subject which is now a 'reformed A level which means that the result of the AS exams does not contribute to the overall A level mark and grade. If a student leaves the course after AS then this new type of AS is worth 40% of the UCAS points of the full A level for University entry in 2017 onwards. If a student completes the two year A level course then it is only assessment at the end of the second year that counts towards the full A level grade.
Examination Board:	Edexcel
Application Code:	8GE01, 9GE01
AS Course Content:	<p>Paper 1:</p> <p>Topic 1: Tectonic processes and hazards.</p> <p>Topic 2: Glaciated landscape resistance and change OR Coastal landscapes and change.</p> <p>Paper 2:</p> <p>Topic 3: Globalisation</p> <p>Topic 4: Regenerating Places OR Diverse Places</p>
A Level Course Content:	<p>Paper 1:</p> <p>Topic 1: Tectonic processes and Hazards</p> <p>Topic 2: Landscapes Systems, Processes and Change.</p> <p>Topic 3: The water Cycle and waster insecurity.</p> <p>Topic 4: The Carbon Cycle and Energy Security.</p> <p>Topic 5: Climate Change Futures.</p> <p>Paper 2:</p> <p>Topic 6: Globalisation</p> <p>Topic 7: Shaping Place</p> <p>Topic 8: Superpowers</p> <p>Topic 9: Global Development and Connections.</p> <p>Paper 3:</p> <p>The synoptic investigation paper will be based on a geographical issue within a place based context that is linked to three synoptic themes; players, attitudes and actions and futures and uncertainties.</p> <p>Coursework:</p> <p>Fieldwork which forms the focus and context of the individual investigation which may be either human, physical or integrated physical –human geography. This will allow students to define a question or issues for an investigation.</p>
How you will learn (investigations, course work etc.)	Apart from classroom work and use of ICT, across both years, there is an exciting opportunity to spend 4 days' worth of fieldwork and research when investigating the topics chosen. Fieldwork can be a great experience and allows you to apply your knowledge and understanding in a practical way.

<p>Assessment Methods</p>	<p>AS: Paper 1: 1 hour 30 min written examination worth 50% of the final As examination. Worth 80 Marks.</p> <p>Paper 2: 1 hour 30 min written examination worth 50% of the final As examination. Worth 80 Marks.</p> <p>A Level : Paper 1: 2 hour written examination worth 30% of the final A level examination. Worth 90 Marks.</p> <p>Paper 2: 2 hour written examination worth 30% of the final A level examination. Worth 90 Marks.</p> <p>Paper 3: 1 hour 45min written examination worth 20% of the final A level examination. Worth 60 Marks.</p> <p>Independent Investigation: Non-examined assessment worth 20% of the final A level examination. Worth 60 marks.</p>										
<p>Skills you will need</p>	<p>The Geography A Level will appeal to you if:</p> <ul style="list-style-type: none"> • you are curious about the world's places, peoples and environments • you like asking questions and finding answers • you are interested in local, regional and global issues • you have the ability to think independently • you wish to explore human, physical and environmental geographical relationships. • Independent study is vital. 										
<p>Careers Steps/Progression</p>	<p>An A Level in Geography opens doors! You will find that studying geography is a brilliant step towards a wider range of HE courses and/or employment opportunities.</p> <p>Further education —geographers can go on to study higher level courses, including Foundation degrees, undergraduate degrees and/or BTEC Higher Nationals</p> <p>Employment — geographers can go into a wide range of jobs, including:</p> <table border="0"> <tr> <td>Advertising</td> <td>Marketing</td> </tr> <tr> <td>Education</td> <td>Retailing</td> </tr> <tr> <td>Environmental management</td> <td>Sales</td> </tr> <tr> <td>Finance</td> <td>Social/health services</td> </tr> <tr> <td>Law</td> <td></td> </tr> </table>	Advertising	Marketing	Education	Retailing	Environmental management	Sales	Finance	Social/health services	Law	
Advertising	Marketing										
Education	Retailing										
Environmental management	Sales										
Finance	Social/health services										
Law											
<p>Contact:</p>	<p>Ms Rees, Larkmead School</p>										

Course Title:	ART & DESIGN: Graphic Communication
<p>This is a subject which is now a reformed A level which means that the result of the AS exams does not contribute to the overall A level mark and grade. If a student leaves the course after AS then this new type of AS is worth 40% of the UCAS points of the full A level for University entry in 2017 and beyond. If a student completes the two year A level course then it is only assessment at the end of the second year that counts towards the full A level grade.</p>	
Examination Board and details	Edexcel Art & Design: Graphic Communication (JMS) 8GC0/9GC0
Course Structure: AS Unit 1 Coursework (50%) Unit 2 Exam (50%)	<p>Coursework unit comprises of internally set broad project themes that students explore, experiment, develop and refine towards finished outcomes. Preparatory studies are presented in sketchbooks or design sheets.</p> <p>The externally set assignment is issued 6-8 weeks in advance of the timed test (practical - 10 hrs) giving time to plan and prepare a visual response to the set theme.</p>
Course Structure: A Level Unit 1 Coursework (60%) Unit 2 Exam (40%)	<p>Coursework unit comprises of personal project investigation that students explore, experiment, develop and refine towards finished outcomes. Preparatory studies are presented in sketchbooks or design sheets. An extended written assignment where students profile their own work and ideas alongside artists' and designers' work is also required.</p> <p>The externally set assignment is issued 6-8 weeks in advance of the timed test (practical - 15 hrs) giving time to plan and prepare a visual response to the set theme.</p>
How you will learn (investigations, course work etc.)	<ul style="list-style-type: none"> • Personal research, experimentation & development of ideas • Coverage of a range of textile techniques • Design theory and history • Site visits, exhibition, gallery and museum visits
Assessment Methods At AS & A Level:	<p>Both courses are taught across 4 assessment objectives (equal in weighting) that measures success against research, development, experimentation & investigation, refinement and making. All units are internally marked and externally moderated.</p>
Skills you will need	<ul style="list-style-type: none"> • Independent learning and self-organisation • Self-motivation & discipline • Passion for the art/design scene – visiting galleries/exhibitions etc. • Problem solving, reviewing and modifying skills • Good observation skills & critical analysis skills • Understanding of formal elements – composition, colour etc
Careers Steps/Progression	<p>Graphics students progress to Art Foundation courses or Art & Design degrees in areas such as illustration, media & advertising, product and packaging design, graphic design, surface pattern design and animation.</p>
Contact:	Ms Pennington at John Mason School

Course Title:	History
<p>This is a subject which is now a reformed A level which means that the result of the AS exams does not contribute to the overall A level mark and grade. If a student leaves the course after AS then this new type of AS is worth 40% of the UCAS points of the full A level for University entry in 2017 and beyond. If a student completes the two year A level course then it is only assessment at the end of the second year that counts towards the full A level grade.</p>	
Examination Board and details	OCR History A. A Level specification H505 AS specification H105
Course Structure: AS Unit 1	Y112 England 1900-51
Unit 2	Y213 The French Revolution and the rule of Napoleon 1774-1815
Course Structure: A Level Unit 3	Y319 Civil Rights in the USA 1865-1992
Unit 4	Y100 Independent Investigation
How you will learn (investigations, course work etc.)	We use a variety of learning techniques in the classroom similar to those employed at GCSE.
Assessment Methods	<p>At AS: Unit 1: Source paper 25% of A Level, 50% of AS. Unit 2: Essay paper 15% of A2 Level 50% of AS</p> <p>At A Level: Unit 3: Essay paper 40% of A Level Unit 4: Coursework 20% of A Level</p>
Skills you will need	<ul style="list-style-type: none"> • Ability to select and deploy relevant information to support arguments. • Independent study skills. • Willingness to ask questions and participate in discussion in class. • Enjoyment of finding out about past civilizations and cultures. • Love of reading. • Ability to write coherently and strong literacy skills. • Ability to analyse information critically.

Careers Steps/Progression	History can teach you to: <ul style="list-style-type: none">• think• understand the world today• structure arguments and essays• understand people and their behaviour History will prepare you for university in all sorts of other subjects.
Contact:	Ms D'Arcy, Larkmead School

Course Title:	Mathematics
This is a subject which is now a reformed A level which means that the result of the AS exams does not contribute to the overall A level mark and grade.	
Examination Board and details	OCR
Course Structure: AS	Pure: Proof, Algebra, Graphs, Sequences, Trig, Logarithms, Calculus and Vectors. Statistics: Population, probability, binomial distribution, hypothesis testing including use of Data Set. Mechanics: Kinematics, forces and Newton's Laws.
Course Structure: A Level	Pure: Previous pure topics in more depth with added functions, numerical methods and differential equations. Statistics: Previous statistics topics in more depth with added study of normal distribution. Mechanics: Previous mechanics topics in more depth with added motion under gravity, friction and simple moments.
How you will learn (investigations, course work etc.)	Independent work, group work, paired work, regular testing and target Setting
Assessment Methods	For all certifications, the contribution of each unit is the same. 2 exams Pure and Statistics 01: 75 marks: 1.5 hours: 50% Pure and Mechanics 02: 75 marks:1.5 hours: 50% 3 exams Pure 01: 100 marks: 2 hours: 33.3% Pure and Statistics 02: 100 marks: 2 hours: 33.3% Pure and Mechanics 03: 100 marks: 2 hours: 33.3%
Skills you will need	<ul style="list-style-type: none"> <input type="checkbox"/> Excellent algebra skills <input type="checkbox"/> Problem solving <input type="checkbox"/> Resilience <input type="checkbox"/> Ability to work independently <input type="checkbox"/> Organisation
Careers Steps/Progression	One of the most sought after A Levels, Mathematics has an abundance of skills that are transferable across many areas. Just about every university course holds A level Mathematics in the highest regard.
Contact:	Mrs Wilcock, Larkmead School

Course Title:	Media Studies
<p>This is a subject which is now a reformed A level which means that the result of the AS exams does not contribute to the overall A level mark and grade. If a student leaves the course after AS then this new type of AS is worth 40% of the UCAS points of the full A level for University entry in 2020 and beyond. If a student completes the two year A level course then it is only assessment at the end of the second year that counts towards the full A level grade. It is unlikely students would enter exams and coursework at both the end of year 12 and 13.</p>	
Examination Board and details	EDUQAS Media Studies
Course Structure: AS	The exam covers representation, audience, industry and the analysis and decoding of media language within set media texts that are decided by the exam board and cover a wide range of media forms. You will gain an understanding of the agenda behind specific media products and learn to apply some theories and use correct terminology. You will also use appropriate ICT to produce creative print or moving media production work in response to a coursework brief given by the exam board annually.
Course Structure: A Level	The examination will assess your deeper understanding of the set texts in addition to some partner set texts that may be more challenging. You will be required to apply a more extensive understanding of relevant theorists, as set by the exam board. The coursework task comprises of two related tasks and so is more extensive than the AS equivalent.
How you will learn (investigations, course work etc.)	You will learn through a variety of methods including independent research, practical activities and analysis. You will study many different media texts in order to understand their construction, as well as making media products of your own. There will be both an examination and a coursework element within this course. The examination will feature a range of question types and lengths and will also contain unseen material for analysis.
Assessment Methods	Coursework 30%
At AS:	Component 1 exam 1h 45m 35% Component 2 exam 2h 35%
At A Level:	Coursework 30% Component 1 exam 2h 15m 35% Component 2 exam 2h 30m 35%
Skills you will need	<ul style="list-style-type: none"> • A critical approach – you do not take things at face value; • An enquiring mind – you want to uncover truth • An interest in the media – you are interested in both learning about the media as well as making your own media products; • You are able to write essays well; • You are creative and imaginative – you will need to create your own media products
Careers Steps/Progression	Many of our students go on to study media at university level as a result of this course.
Contact:	Mrs Godliman, Larkmead School

Course Title:	French / German / Spanish
<p>This is a subject which is now a reformed A level which means that the result of the AS exams does not contribute to the overall A level mark and grade. If a student leaves the course after AS then this new type of AS is worth 40% of the UCAS points of the full A level for University entry in 2017 onwards. If a student completes the two year A level course then it is only assessment at the end of the second year that counts towards the full A level grade.</p>	
Examination Board and details	AQA French AQA German AQA Spanish
Course Structure: AS Paper 1 Paper 2 Paper 3 The AS course covers the following topic areas:	<p>Listening, Reading and translation into English Writing : translation into target language; one essay on a set text or film Speaking: discussion of 2 sub-themes based on a stimulus card for each theme.</p> <p>Current trends in aspects of Fr/Ger/Sp-speaking society Artistic cultures in the Fr/Ger/Sp- speaking world</p>
Course Structure: A-Level Paper 1 Paper 2 Paper 3 The A-Level course covers the following topic areas:	<p>Listening, Reading, Translation into English and target language Writing: two essay questions, either on one set text and one film, or two on set texts Speaking: discussion of one sub-theme based on a stimulus card and a presentation and discussion of an individual research project</p> <p>Social issues and trends in aspects of Fr/Ger/Sp- speaking society Political and artistic cultures in the Fr/Ger/Sp-speaking world</p>
How you will learn:	You will read articles from magazines and websites, listen to music, watch films, discuss important news items, share your opinions, read set texts and develop a thorough understanding of the language and how it works.
Assessment Methods At AS and A- Level	Paper 1- 40% Listening, Reading , Translation Paper 2- 30% Writing Paper 3- 30% Speaking
Skills you will need	<ul style="list-style-type: none"> • Willingness to contribute to class discussions • Task resilience • Self-challenging • Independent learning and self-organisation • An interest in the language and culture of the country • A strong understanding of GCSE grammar

A level choices @ 16+



Careers Steps/Progression	Language skills go beyond language learning and turn into a variety of skills transferable in other skills. Languages add a flair of uniqueness to your CV. Travel and working both abroad and in Britain in companies such as BMW, Miele, Peugeot.
Contact:	Mr Quelch, Larkmead School

Course Title:	Music
This subject is still a legacy A level. This means that the result of the AS exams contributes 50% to the overall A level marks, the second 50% coming from exams at the end of year 13 on the A2 modules.	
Examination Board and details	Edexcel; AS = 8MU01, A2 = 9MU01
Course Structure: AS	Performing, Composing, Developing Musical Understanding
Course Structure: A2	Extended Performance, Composition and Technical Study, Further Musical Understanding
How you will learn (investigations, course work etc.)	Performance through instrumental lessons and mentoring. Composition through teaching, guidance, practice, analysing other music and monitored coursework. Musical understanding through listening, investigation, research, analysis of set works and discussion.
Assessment Methods	Performance – final concert (internally assessed and externally moderated) Composing – coursework (externally assessed) Musical Understanding – final exam (externally assessed)
Skills you will need	<ul style="list-style-type: none"> • Ability to perform on an instrument or sing • Ability to read music in treble and bass clef • Ability to work independently • Good organisational skills and flexible approach to learning • At least Grade 5 on an instrument or voice • A willingness to attend a number of evening concerts through the year.
Careers Steps/Progression	<p>Music A-level course could take you on to further study in Music and the Performing Arts at any university and then take your career in Music and the Arts further.</p> <p>Music A-level also proves that you are a confident outgoing person, able to meet deadlines and work independently and will prepare you for any job or course other than Music.</p>
Contact:	Miss Williams, John Mason School Miss McAuley, Larkmead School

Course Title:	Physical Education
<p>This is a subject which is now a reformed A level which means that the result of the AS exams does not contribute to the overall A level mark and grade. If a student leaves the course after AS then this new type of AS is worth 40% of the UCAS points of the full A level for University entry in 2017 and beyond. If a student completes the two year A level course then it is only assessment at the end of the second year that counts towards the full A level grade.</p>	
Examination Board and details	AQA Examination Board 2580
Course Structure: AS level (1 year)	<p>Content</p> <ul style="list-style-type: none"> • Applied anatomy and physiology • Skill acquisition • Sport and society • Biomechanical movement • Sport psychology • Sport and society and the role of technology in physical activity and sport <p>Non Exam assessment Students assessed as a performer or coach in the full sided version of one activity, plus written/verbal analysis of performance.</p>
Course Structure: A Level (2 year course)	<p>Content</p> <ul style="list-style-type: none"> • Applied anatomy and physiology • Skill acquisition • Sport and society • Exercise physiology • Biomechanical movement • Sport psychology • Sport and society and the role of technology in physical activity and sport <p>Non exam assessment Students assessed as a performer or coach in the full sided version of one activity, plus written/verbal analysis of performance.</p>
Assessment Methods At AS:	<p>Paper 1 (70% of AS) What's assessed Section A: Applied physiology Section B: Skill acquisition and sports psychology Section C: Sport and society and technology in sport How it's assessed • Written exam: 2 hours Questions • Section A, B and C: multiple choice, short answer and extended writing (28 marks each)</p> <p>Non Exam assessment (30% of AS) What's assessed Students assessed as a performer or coach in the full sided version of one activity. Plus: written/verbal analysis of performance. How it's assessed • Internal assessment, external moderation</p>

<p>At A Level:</p>	<p>Paper 1 (35% of A-level) What's assessed Section A: Applied anatomy and physiology Section B: Skill acquisition Section C: Sport and society How it's assessed • Written exam: 2 hours Questions • Section A, B and C: multiple choice, short answer and extended writing (35 marks each)</p> <p>Paper 2 (35% of A-level) As above, except assessment covers:</p> <p>Section A: Exercise physiology and biomechanics Section B: Sport psychology Section C: Sport and society and technology in sport</p> <p>Non Exam assessment (30% of A-level) What's assessed Students assessed as a performer or coach in the full sided version of one activity. Plus: written/verbal analysis of performance. How it's assessed • Internal assessment, external moderation.</p>
<p>How you will learn (investigations, course work etc.)</p>	<p>Topics are taught in class and practical situations. There are trips to University Physiology labs to gain first-hand experience of the theory covered. Students are expected to be able to work independently at home and keep up to date with sporting issues via the media. Students must participate outside of school in their non-exam assessment (practical work) over the full period of their course.</p>
<p>Entry Requirements:</p>	<p>To be successful on this course you must be involved with an outside club as a coach or performer in an activity in accordance with the AQA specification.(see aqa website)</p>
<p>Skills you will need</p>	<ul style="list-style-type: none"> • Self-motivation • Interest in the theoretical side of sport • Independent learning and self-organisation • Problem solving • Reviewing and modifying • Critical analysis • Be able to coach or perform to a high level
<p>Careers Steps/Progression</p>	<ul style="list-style-type: none"> • Apprenticeship/university • Sports Coaching • Sports and exercise science • Strength and conditioning and personal trainer • Sports rehabilitation • Physical Education Teacher
<p>Contact:</p>	<p>Mr M Hiorns, Larkmead School</p>

Course Title:	Performing Arts (Dance or Drama)
This is a subject which is similar to a legacy A level. This means that the result in Yr.1 contributes 50% to the overall marks, the second 50% coming from the units studied in year 2.	
Examination Board and details	OCR Cambridge Technical in Performing Arts
Course Structure: Year 1	<p>This course allows students to follow a single pathway in Dance or Drama or Production. Alternatively you can combine a mixture of the above depending on the student's skills and interest, below are the core units but these can interchange with a host of optional units depending on the interest of the students.</p> <p>Unit 1 Skills development in Performing Arts Unit 2 Professional practice in Performing Arts Unit 3 Community Arts project</p> <p>These are all coursework units, delivered in a practical way, students will need to keep a portfolio of evidence and have recordings via digital media.</p>
Course Structure: Year 2	<p>Unit 5: Business of the Performing Arts Unit 6: Performance workshop Unit 8: Contemporary performance</p> <p>These are all coursework units, delivered in a practical way, students will need to keep a portfolio of evidence and have recordings via digital media.</p>
How you will learn (investigations, course work etc.)	<p>The whole course is delivered in a practical way, developing your professional skill base in a vocational approach. There will be links and workshops from professionals and industry based sessions.</p> <p>All units are coursework based and will require research, professional investigation and the outcomes will be linked to performances based on which pathway you choose to follow.</p>
Assessment Methods	All units are internally assessed and externally moderated. Students are assessed through their practical skills development, performance outcomes, portfolio, digital evidence, extended research investigations and presentations.
Skills you will need	<ul style="list-style-type: none"> • Interest in the Performing Arts, theatre, theatre design, literature • Independent learning and self-organisation • Good research & observational skills • Problem solving • Reviewing and modifying • Critical analysis • Interest in History, psychology, business and social context
Careers Steps/Progression	<p>This course is an excellent starting point for university courses including Dance, Drama, Theatre Production, History, Media, Journalism, Politics, English, Business studies; English</p> <p>Or for careers in theatre, media, performance, teaching, journalism, politics, drama therapy, film, television, arts administration, business</p>
Contact:	Ms Phillips, Larkmead School Miss Siegel, Larkmead School

Course Title:	ART & DESIGN: Photography
<p>This is a subject which is now a reformed A level which means that the result of the AS exams does not contribute to the overall A level mark and grade. If a student leaves the course after AS then this new type of AS is worth 40% of the UCAS points of the full A level for University entry in 2017 and beyond. If a student completes the two year A level course then it is only assessment at the end of the second year that counts towards the full A level grade.</p>	
Examination Board and details	AQA Art & Design: Photography 7242
Course Structure: AS Unit 1 Coursework (60%) Unit 2 Exam (40%)	<p>Coursework unit comprises of internally set broad project themes that students explore, experiment, develop and refine towards finished outcomes. Preparatory studies Students should use sketchbooks/workbooks/journals to underpin their work where appropriate.</p> <p>Students may use traditional methods and/or digital techniques to produce images presented in sketchbooks or design sheets.</p> <p>The externally set assignment is issued 6-8 weeks in advance of the timed test (practical - 10 hrs) giving time to plan and prepare a visual response to the set theme.</p>
Course Structure: A level Unit 3 Coursework (60%) Unit 4 Exam (40%)	<p>Coursework unit comprises of personal project investigation that students explore, experiment, develop and refine towards finished outcomes. Preparatory studies are presented in sketchbooks / work books/ journals/design sheets. An extended written assignment where students profile their own work and ideas alongside artists' work is also required.</p> <p>The externally set assignment is issued 6-8 weeks in advance of the timed test (practical - 15 hrs) giving time to plan and prepare a visual response to the set theme.</p>
How you will learn (investigations, course work etc.)	<p>Personal research, experimentation & development of ideas Coverage of two or more of the following:</p> <ul style="list-style-type: none"> • Portraiture • Landscape photography (working from the urban, rural and/or coastal environment) • Still life photography (working from objects or from the natural world) • Documentary photography, photojournalism • Fashion photography • Experimental imagery • Multimedia • Photographic installation • Moving image (video, film, animation) • Photography theory and history) • Site visits, exhibition, gallery and museum visits
Assessment Methods At AS & A Level:	<p>Both courses are taught across 4 assessment objectives (equal in weighting)</p> <p>that measures success against research, development, experimentation & investigation, refinement and making.</p> <p>All units are internally marked and externally moderated.</p>

Skills you will need	<ul style="list-style-type: none">• Independent learning and self-organisation• Self-motivation & discipline• Passion for the arts scene – visiting galleries/exhibitions etc.• Problem solving, reviewing and modifying skills• Good observation skills & critical analysis skills.• You will need access to a digital SLR
Careers Steps/Progression	Career opportunities for photography graduates include, film, television, conservation, theatre design, graphic design, marketing, fashion, teaching and museum education.
Contact:	Ms Phillips, Larkmead School

Course Title:	Physics	
<p>This is a subject which is now a reformed A level which means that the result of the AS exams does not contribute to the overall A level mark and grade. If a student leaves the course after AS then this new type of AS is worth 40% of the UCAS points of the full A level for University entry in 2017 onwards. If a student completes the two year A level course then it is only assessment at the end of the second year that counts towards the full A level grade.</p>		
Examination Board and details	OCR Physics A AS level specification H156 A level specification H566	
AS Course Structure:	<p>Development of practical skills in Physics</p> <p>Module 1 Module 2 Foundation of Physics (quantities & units, scalars & vectors, measurements)</p> <p>Module 3 Forces & motion (motion, forces, work, energy & power, materials, Newton's laws)</p> <p>Module 4 Electrons, waves & photons (Charge & current, energy, power & resistance, electrical circuits, waves, quantum physics)</p>	
Full A level Course Structure:	<p>Module 5 Newtonian world and astrophysics (Thermal physics, circular motion, oscillations, gravitational fields, astrophysics)</p> <p>Module 6 Particles & medical physics (Capacitors, electric fields, electromagnetism, nuclear & particle physics, medical imaging)</p> <p>Practical endorsement A minimum of 12 assessed activities during the two years.</p>	
How you will learn	<p>Working through examples</p> <p>Problem solving</p> <p>Practical activities</p> <p>Research & discussion</p>	
Assessment Methods	<p>Paper 1 Breadth in Physics 70 marks (50%) 1hr30min Multiple choice (20) Structured Questions (50)</p> <p>Paper 2 Depth in Physics 70 marks (50%) 1hr30min Structured questions and extended response questions.</p> <p>Paper 1 Modelling Physics 100 marks (37%) 2h15min</p> <p>Paper 2 Exploring Physics 100 marks (37%) 2h15min P1&2 Multiple choice (15) Structured Questions (85)</p> <p>Paper 3 Unified Physics 70 marks (26%) 1hr30min Structured questions and extended response questions</p>	
At AS:		
At full A level:		
Practical Endorsement	Full A level only. Teacher assessed, exam board moderated. Reported separately to A level grade – pass/fail only.	
Skills you will need	<ul style="list-style-type: none"> - Self-motivation - Enjoying problem solving - An interest in physics! - Logical thinking - Determination - Good algebra skills <p>You do not need to have studied separate sciences at GCSE</p>	

Careers Steps/Progression	Physics is recognised as a high status qualification essential for many careers in engineering as well as physics. It is also highly valued in supporting other scientific disciplines, as well as aiding entry into careers in very many areas including finance and management amongst others.
Contacts:	Mrs Holmes, Larkmead School

Course Title:	Design & Technology - Product Design
This subject is either an AS or an A level.	
Examination Board and details	Eduqas GCE Design & Technology Product Design AS Course Codes – B602QS Qualification Accreditation Number: 603/1174/5 or A2 Course Codes -A602QS Qualification Accreditation Number: 603/1178/2
Course Structure:	The course consists of a 2.5 hr. or 3hr written examination (Component 1) based on technical principles and design and making principles, this accounts for 50% of the course. The remaining 50% is achieved through a Coursework Project 40 Hours or 80Hours (Component 2), where a portfolio of work will be submitted for assessment.
Course Structure:	<p>Component 1</p> <p>The examination includes a mix of short answer, structured and extended writing questions assessing learners' knowledge and understanding of:</p> <ul style="list-style-type: none"> <input type="checkbox"/> technical principles <input type="checkbox"/> designing and making principles along with their ability to: <p>analyse and evaluate design decisions and wider issues in design and technology</p> <p>Or</p> <p>The examination includes a mix of structured and extended writing questions assessing learners' knowledge and understanding of:</p> <ul style="list-style-type: none"> <input type="checkbox"/> technical principles <input type="checkbox"/> designing and making principles along with their ability to: <p>analyse and evaluate wider issues in design and technology.</p> <p>Component 2</p> <p>A sustained design and make task, based on a contextual challenge set by WJEC, , assessing candidates' ability to</p> <ul style="list-style-type: none"> <input type="checkbox"/> identify, investigate and outline design possibilities <input type="checkbox"/> design and make prototypes <input type="checkbox"/> analyse and evaluate design decisions and outcomes, including for prototypes made by themselves and others <p>The design and make task will be based within the same endorsed area as the written examination.</p>

	<p>Or</p> <p>A sustained design and make project, based on a brief developed by the candidate, assessing the candidate's ability to:</p> <ul style="list-style-type: none"> • <input type="checkbox"/> identify, investigate and outline design possibilities • <input type="checkbox"/> design and make prototypes • <input type="checkbox"/> analyse and evaluate design decisions and outcomes, including for prototypes made by themselves and others <p>The design and make project will be based within the same endorsed area as the written examination.</p>
How you will learn (investigations, course work etc.)	<p>A range of skills work will be used to develop your knowledge and understanding of Product Design and the associated materials and manufacturing techniques. You will develop your practical skills whilst you undertake a design and make assignment in order to successfully complete the coursework.</p> <p>Supporting theory work will take place both in class and at home.</p>
Assessment Methods	<p>The AS or A Level Product Design course consists of 2 modules. Two modules are taken in either Year 12 or two modules are taken in Year 13. Both courses are a 50:50 split.</p>
Skills you will need	<p>Product Design links together the different Design and Technology disciplines – you will develop your knowledge and understanding of a range of materials and components and their application and a lot of time will be spent working in the workshops. To be successful you will need to have a clear interest in designing and making products and you will need to be motivated to complete the design and make projects.</p> <p>A considerable amount of time outside of your timetabled lessons is required to maximise the marks awarded in the coursework modules to lay the foundation of your final grades.</p>
Careers Steps/Progression	<p>Product Design, Engineering, Architectural Technology, 3d Design, Art and Design, Game Design, 3D Animation, Architecture, Interior Architecture, Teacher of Design and Technology.</p>
Contact:	<p>Mr Stevens, Larkmead School</p>

Course Title:	Psychology
<p>This is a subject which is now a reformed A level which means that the result of the AS exams does not contribute to the overall A level mark and grade. If a student leaves the course after AS then this new type of AS is worth 40% of the UCAS points of the full A level for University entry in 2017 and beyond. If a student completes the two year A level course then it is only assessment at the end of the second year that counts towards the full A level grade.</p>	
Examination Board and details	AQA Psychology. A2 specification 7181 AS specification 7182
Course Structure: AS Unit 1	Social Influence Memory Attachment
Unit 2	Approaches to Psychology Biopsychology Psychopathology Research Methods
Course Structure: A2 Unit 1	Social Influence Memory Attachment Psychopathology
Unit 2	Approaches to Psychology Biopsychology Research Methods
Unit 3	One of : Relationships, gender or cognitive development One of: Schizophrenia, eating behaviour or stress One of: Aggression, forensic psychology or addiction
How you will learn (investigations, course work etc.)	Our learning depends on a variety of lesson techniques including: <ul style="list-style-type: none"> • Reading and note-taking • Individual research e.g. interviews, questionnaires, observations • Debate and discussion • Presentations • Flipped classroom and “teach it” activities
Assessment Methods	Psychology is assessed by end of year examinations which consist of a mixture of multiple choice, short answer and extended (essay) questions. In class, you will be assessed through class tests, past paper questions, essays and quizzes.
Skills you will need	<ul style="list-style-type: none"> • An interest in human beings; their thinking, behaviour and emotions. • An ability to learn and use key terms.

	<ul style="list-style-type: none"> • An ability to learn theories and research information. • An enquiring mind that can critically analyse information, research, theories and ideas. • A keen interest in using mathematical skills • An ability to write essays and be reflective on feedback.
<p>Careers Steps/Progression</p>	<p>Psychology links to a range of careers that involve analytical thinking, an understanding of human behaviour and emotions and a range of critical thinking skills. These include:</p> <ul style="list-style-type: none"> • Psychology • Therapy and other mental health work • Nursing • Social Care • Teaching • Counselling • Sports psychology and coaching • Working with children • Police, Armed Forces, etc.
<p>Contact:</p>	<p>Mrs Fairgrieve, John Mason School Mrs Hinde, Fitzharrys School</p>

Course Title:	Religious Studies
<p>This subject is a reformed A level which means that it is designed to be a two-year course with three exams at the end which will decide your grade. You can choose to sit the AS exam if you decide you do not want to continue into the second year of the course, with the AS worth 40% of the UCAS points the whole A level is worth.</p>	
Examination board and details	OCR – H573
Course structure: AS Unit 1 Unit 2 Unit 3	<p>Philosophy of Religion (looking at some of the greatest minds in history, from Plato to Descartes, considering a range of topics and arguments)</p> <p>Ethics (looking at ethical theories and how they can be applied to ethical topics such as euthanasia and business ethics)</p> <p>Development in religious thought (looking at a more religious approach to topics such as the purpose of life and the self and immortality)</p>
Course structure: A level Unit 1 Unit 2 Unit 3	<p>Philosophy of Religion (adding to the AS material by studying topics such as language and which claims or arguments could be considered meaningful)</p> <p>Ethics (adding to the AS material by studying topics such as conscience and sexuality in the twenty-first century)</p> <p>Development in religious thought (adding to the AS material by studying topics such as gender in society and the challenge of secularism)</p>
How you will learn	Debate and discussion Investigative research Multi-media presentations Reading primary texts / text books independently
Assessment: At AS At A level	<p>Examination Only (3 papers, each one hour and fifteen minutes long with students choosing to answer two of three question options)</p> <p>Examination Only (3 papers each two hours long with students choosing to answer three of four question options)</p>
Skills you will need	<ul style="list-style-type: none"> • The ability to think about the bigger picture • The ability to delve deep into topics and arguments • The ability to grasp a range of contrasting viewpoints • The ability to make up your own mind about things • The ability to argue your view persuasively • The ability to construct in-depth written arguments

A level choices @ 16+

Careers steps / progression	This course opens up a range of options in education beyond secondary school; it has also been found to compliment other course choices, for example with students interviewed for medicine finding interviewers interested in their ethical studies.
Contact:	Mr Williams, Larkmead School

Course Title:	Sociology
<p>This is a subject which is now a reformed A level which means that the result of the AS exams does not contribute to the overall A level mark and grade. If a student leaves the course after AS then this new type of AS is worth 40% of the UCAS points of the full A level for University entry in 2017 and beyond. If a student completes the two year A level course then it is only assessment at the end of the second year that counts towards the full A level grade.</p>	
Examination Board and details	AQA Sociology. AS 7191 A2 7192
Course Structure:	
AS Unit 1	Education Methods in Context
Unit 2	Research Methods Families and Households
Course Structure A Level:	
Unit 1	Education Methods in Context Research Methods
Unit 2	Families and Households One other option from: Beliefs in society, Global Development, the Media, Stratification and Differentiation
Unit 3	Crime and Deviance Theory and Methods
How you will learn (investigations, course work etc.)	<p>Our learning depends on a variety of lesson techniques including:</p> <ul style="list-style-type: none"> • Reading and note-taking • Individual research e.g. interviews, questionnaires, observations • Debate and discussion • Presentations
Assessment Methods	Both the AS and A2 are examined papers, consisting of a mixture of short-answer questions and extended essay answer.
Skills you will need	<ul style="list-style-type: none"> • Ability to select and deploy relevant information to support arguments. • Independent study skills. • Willingness to ask questions and participate in discussion in class. • Ability to analyse information critically. • Eagerness to understand our society and how it works. • Willingness to think critically about the world around you. • A keen interest in writing essays and the ability to think reflectively on feedback.

Careers Steps/Progression	Sociology links to a range of careers that involve analytical thinking, an understanding of politics and society and a range of critical thinking skills. These include: <ul style="list-style-type: none">• Law• Politics• Journalism• Social Work• Care Work• Teaching• Sociological and political research
Contact:	Mr Williams, Larkmead School

Course Title:	ART & DESIGN: Textile Design
	This is a subject which is now a reformed A level which means that the result of the AS exams does not contribute to the overall A level mark and grade. If a student leaves the course after AS then this new type of AS is worth 40% of the UCAS points of the full A level for University entry in 2017 and beyond. If a student completes the two year A level course then it is only assessment at the end of the second year that counts towards the full A level grade.
Examination Board and details	AQA Art & Design: Textile Design (JMS) 7244
Course Structure: AS Component 1 Coursework (60%) Component 2 Exam (40%)	Coursework unit comprises of internally set broad project themes that students explore, experiment, develop and refine towards finished outcomes. Preparatory studies are presented in sketchbooks or design sheets. The externally set assignment is issued 6-8 weeks in advance of the timed test (practical - 10 hrs) giving time to plan and prepare a visual response to the set theme.
Course Structure: A2 Component 1 Coursework (60%) Component 2 Exam (40%)	Coursework unit comprises of personal project investigation that students explore, experiment, develop and refine towards finished outcomes. Preparatory studies are presented in sketchbooks or design sheets. An extended written assignment where students profile their own work and ideas alongside artists' and designers' work is also required. The externally set assignment is issued 6-8 weeks in advance of the timed test (practical - 15 hrs) giving time to plan and prepare a visual response to the set theme.
How you will learn (investigations, course work etc.)	<ul style="list-style-type: none"> • Personal research, experimentation & development of ideas • Coverage of a range of textile techniques • Design theory and history • Site visits, exhibition, gallery and museum visits
Assessment Methods At AS & A2:	Both courses are taught across 4 assessment objectives (equal in weighting) that measures success against research, development, experimentation & investigation, refinement and making. All units are internally marked and externally moderated.
Skills you will need	<ul style="list-style-type: none"> • Independent learning and self-organisation • Self-motivation & discipline • Passion for the art/design scene – visiting galleries/exhibitions etc. • Problem solving, reviewing and modifying skills • Good observation skills & critical analysis skills • Interest in manipulating surfaces, pattern and colour • Interest in costume/fashion
Careers Steps/Progression	Students progress to Art Foundation courses or Art & Design degrees in areas such as fashion, fine art textiles, set design & costume, theatre design, interior design.
Contact:	Miss Herringshaw, John Mason School