## Limehurst Academy Key Stage Four Options Booklet





A Specialist Sports College



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#### Introduction

Since you started at Limehurst, you have taken a wide range of subjects and have had opportunities to learn in a variety of ways. It is now time to consider the next stage in your school career.

In the Autumn Term, you will begin courses that lead directly to GCSE (or equivalent qualifications) at the end of Year 11. This means that you will study slightly fewer subjects, but in greater depth. You will continue to study core subjects, but you will also have to decide which other subjects you wish to continue to study.

The purpose of this booklet is to explain the courses available — both core and as options — and it will help you and your parents to make informed choices about what type of course and which subjects best suit you.

Think about your choice of subjects carefully as the decisions you make now may be influenced by what you intend to do in the future. Remember, when you finish your learning at Limehurst, you will be making more choices about sixth form, college or apprenticeships.

We are offering you a curriculum in Years 10 and 11 which is relevant to your needs, both now and in the future.

Courses are arranged in such a way as to meet two other general aims:

1. To provide a broad and balanced education which keeps your career and further education options open for as long as possible.

and;

2. To give you the chance to follow your individual interests and develop your own particular abilities, both inside and outside the classroom.

Think carefully about your choices. Talk to your teachers about what each course offers. Think about what will be best for you and what you would like to be learning about.

#### **Core Curriculum**





All students study the following courses at Key Stage Four:

#### <u>English</u>

All pupils will study GCSEs in English Literature and English Language. Maths

All pupils will study GCSE Maths.

#### <u>Science</u>

There are two routes in Science. You may take <u>Combined Science</u> (worth <u>two GCSEs</u>) or <u>Separate Sciences</u> consisting of <u>three GCSEs</u>: Biology, Chemistry and Physics.

We recommend that students wishing to study Separate Sciences should be at least 'Secure' in their Current Outcome Marker in **Maths <u>and</u> Science**. Students wishing to study Separate Sciences need to be on Pathway A and will choose this as one of their option choices, and should talk to their Science Teacher before making this choice.

#### <u>PE</u>

All students will take part in one lesson of PE a week. Students wishing to take a qualification in PE can also choose this as one of their options.

#### Personal Development

All students will study PSHE, Citizenship, RE and Careers Education for one hour a week. These lessons enable the development of important skills and help students to gain confidence in preparation for their future life and the next stage of education. Students who wish to take a GCSE in Citizenship can choose this as one of their options.

#### Pathway A



#### On this route you will choose <u>one</u> of:

French or Spanish

#### And <u>either</u>:

History or Geography

#### You will then choose two more options, plus two reserve choices from the following:

Art	Geography	ICT	Separate Sciences *
3D Design	History	Drama	Computer Science **
Hospitality and Catering	French	PE/Sport Science***	Music
Textiles	Spanish	Citizenship	Health and Social Care

\*Students choosing Separate Sciences need to have a COM of 'Secure' or 'Stretch' in both Maths and Science.

\*\*Students choosing Computer Science need to have a COM of 'Secure' or 'Stretch' in both Maths and ICT

\*\*\*Students will be guided by PE staff on the qualification that best suits them.



#### Pathway B

Pathway B – Eight qualifications, plus additional lessons in English, Maths and Science each week

You can choose:

French or Spanish or

Geography or History

You will then choose two more options, plus two reserve choices from the following:

Art	Geography	ICT
3D Design	History	Drama
Hospitality and Catering	French	PE/Sport Science*
Textiles	Spanish	Citizenship

\* Students will be guided by PE staff on the qualification that best suits them.



#### How do I make my choices?

When making your choices it is really important to:

- Consider the subjects you enjoy and are good at.
- Find out about the courses on offer.
- Discuss your choices with as many adults as you can; they can advise and support you. Your parents, subject teachers, form tutor and Head of Year are all willing and able to help.

In your Personal Development lessons you will be spending time going through the option process and will have lots of opportunities to consider all the possible choices you need to make.

When you, your parents and your teachers are satisfied you have understood what you want to choose then you will complete an **online** option form. **The link for this will be sent to your parents in March**.

#### All option forms must be completed by <u>Monday 18<sup>th</sup> March</u>

### Please make sure that you complete all of the form and that you have <u>two reserve choices.</u>

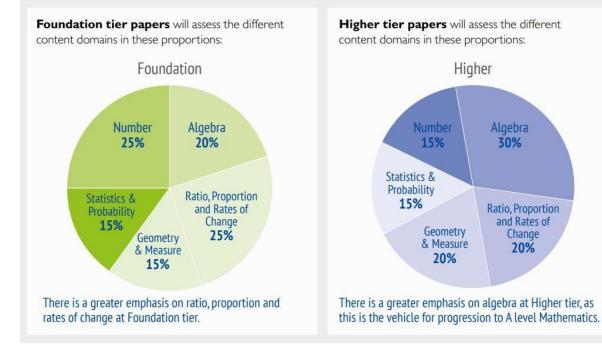
Once you have made your choices you will have the opportunity to review them in the Summer Term – but you <u>may not be able to change them.</u>

No changes can be made to options choices beyond the end of September of Year 10 Core Qualifications These are the subjects you have to study



	English Language and Literat		
Qualification: Exam Board:			
Iwo GCSEsEdexcel (Language and Literature)			
English Language			
<ul> <li>How to read and analyse</li> </ul>	fiction and non-fiction texts.		
		fferent audiences and purposes	
How to develop speaking			
English Literature			
How to analyse texts look	ing at the writer's craft.		
<ul> <li>How to interpret texts cor</li> </ul>	nsidering historical and autho	rial context	
	vill study are: Animal Farm, M	lacbeth, A Christmas Carol.	
<ul> <li>Selected poems from an a</li> </ul>	anthology.		
Assessment:			
100% examination at the end	of the course.		
<ul> <li>English Language – Paper</li> <li>1 hour 45 mins</li> </ul>	1: Fiction and Imaginative W	riting – 40% of overall mark –	
<ul> <li>English Language – Paper</li> <li>– 2 hours 5 mins</li> </ul>	2: Non-fiction and Transactio	nal Writing – 60% of overall ma	
•	1: Shakespeare and Post 191 2: 19 <sup>th</sup> Century Novel and Po	4 Literature – 1 hour 45 mins petry since 1789 – 2 hours 15	
Some of the careers that use	English:		
Actor	Digital marketing officer	Radio broadcast assistant	
Advertising copywriter	Early years teacher	Sales administrator	
Arts administrator	Librarian	Screenwriter	
Commissioning editor	Marketing executive	Teacher	
Computer games developer	Newspaper journalist	Speech and language	
	Paralegal	therapist	
Crown prosecutor	Paralegai	Vlogger	

Maths			
Exam Board: AQA Exam Board: AQA			
You will study:			
• Number: between 15-	-25% of the assessment.		
• Ratio, Proportion and	Rates of Change: between 20	-25% of the assessment.	
• Algebra: between 20-	30% of the assessment.		
Geometry and Measu	re: between 15-20% of the as	sessment.	
Statistics and Probabi	lity: 15% of the assessment.		
Paper 1: non-calculator – 33 1/3 % of overall mark - 1 hour 30 mins Paper 2: calculator – 33 1/3 % of overall mark - 1 hour 30 mins Paper 3: calculator - 33 1/3 % of overall mark - 1 hour 30 mins			
Some of the careers that	use Maths:		
Accountant	Credit controller	Software designer	
Acoustics consultant	Criminologist	Stockbroker	
Actuary	Data analyst	Tax advisor	
Aerospace engineer	Electrical engineer	Teacher	
Air traffic controller	Financial advisor		
Bank manager Meteorologist			
Civil engineer Research scientist			



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	/ Separate Sciences	
Qualification: Two or three GCSEs	Exam Board: Edexcel (Combined Science and	
Foundation Tier: Grades 1-5 Higher	Biology, Chemistry and Physics)	
Tier: Grades 4-9		
Biology		
Paper 1	Paper 2	
Overarching concepts in Biology	Overarching concepts in Biology	
Cells and control	Plant structures and their functions	
Genetics	Animal coordination, control and     homostasis	
Natural selection and genetic modification	homeostasis	
<ul> <li>Health, disease and development of medicines</li> </ul>	<ul> <li>Exchange and transport in animals</li> <li>Ecosystems and material cycles</li> </ul>	
	Ecosystems and material cycles	
Chemistry	Danar 2	
Paper 1	Paper 2	
<ul><li>Overarching concepts in Chemistry</li><li>States of matter</li></ul>	Overarching concepts in Chemistry     Crown 1, 7 and 0	
	<ul><li>Group 1, 7 and 0</li><li>Rates of reaction</li></ul>	
<ul> <li>Methods of separating and purifying substances</li> </ul>	<ul><li>Rates of reaction</li><li>Fuels</li></ul>	
Acids	<ul> <li>Heat energy changes in chemical reactions</li> </ul>	
<ul> <li>Obtaining and using metals</li> </ul>	<ul> <li>Earth and atmosphere science</li> </ul>	
Electrolyte processes	<ul> <li>Qualitative analysis tests for ions*</li> </ul>	
<ul> <li>Reversible reactions and equilibria</li> </ul>	<ul> <li>Hydrocarbons*</li> </ul>	
<ul> <li>Transition metals, alloys and corrosion*</li> </ul>	<ul> <li>Polymers*</li> </ul>	
<ul> <li>Quantitative analysis*</li> </ul>	<ul> <li>Alcohols and carboxylic acids*</li> </ul>	
<ul> <li>Dynamic equilibria calculations*</li> </ul>	<ul> <li>Bulk and surface properties of matter</li> </ul>	
Chemical cells and fuel cells*	including nanoparticles*	
Physics		
Paper 1	Paper 2	
Overarching concepts in Physics	Overarching concepts in Physics	
• Waves	Energy – forces doing work	
Light and the electromagnetic spectrum	Forces and their effects	
Particle module 1	Electricity and circuits	
Radioactivity	Static electricity*	
<ul> <li>Astronomy*</li> </ul>	<ul> <li>Magnetism and the motor effect</li> </ul>	
	Electromagnetic induction	
	Particle module 2	
	Forces and matter	
*Only applies to Separate Sciences		
Assessment:		
100% examination at the end of the course.		
Combined Science:		
Biology 1 – 1 hour 10 mins	Biology 2 - 1 hour 10 mins	
Chemistry 1 – 1 hour 10 mins	Chemistry 2 - 1 hour 10 mins	
Physics 1 – 1 hour 10 mins	Physics 2 - 1 hour 10 mins	
Separate Sciences:	1	
Biology 1 - 1 hour 45 mins	Biology 2- 1 hour 45 mins	
Chemistry 1- 1 hour 45 mins	Chemistry 2- 1 hour 45 mins	
Physics 1-1 hour 45 mins	Physics 2- 1 hour 45 mins	

Some of the careers that	use Biology:	
Biomedical scientist	Health visitor	Speech and language therapist
Botanist	Horticultural manager	Teacher
Criminologist	Hospital doctor	Vet
Dental nurse	Microbiologist	Zookeeper
Environmental consultant	Nurse	Zoologist
Food scientist	Oceanographer	
Gardener	Pharmacologist	
GP	Podiatrist	
Some of the careers that	use Chemistry:	
Anaesthetist Forensic scientist	Nanotechnologist	
Chemical engineer	Geotechnician Nurse	
Chemist GP Oil rig worker		
Criminologist Hospital doctor	Pharmacist	
Dentist Laboratory technician	Teacher	
Energy engineer Materials	engineer Textile technologist	
Food scientist Minerals	surveyor Vet	
Some of the careers that	use Physics:	<u> </u>
Acoustics consultant	Design and development	Oil and gas operations
Aerospace engineer	engineer	manager
Architect	Electronics engineer	Physicist
Broadcast engineer	Geoscientist	Teacher
Civil engineer	IT service engineer	
Criminologist	Meteorologist	
-	Nanotechnologist	
	Nuclear engineer	

## **Option Choices**

# These are subjects you can choose to study



A Specialist Sports College

Geography			
Qualification: GCSE		Exam Board	: AQA
You will study:			
Paper 1			
The challenge of natur	al hazards		
<ul> <li>The living world</li> </ul>			
Physical landscapes in	the UK		
Paper 2			
Urban issues and chall	enges		
The changing economic	ic world		
The challenge of resou	irce managen	nent	
Paper 3			
Issue Evaluation			
• Fieldwork (including ty	wo compulsor	y field trips)	
Assessment:			
Three examinations at the end of the course.			
Paper 1: Living with the Physical Environment. 1 hour 30 mins. (35%)			
Paper 2: Challenges in the Human Environment. 1 hour 30 mins. (35%)			
Paper 3: Geographical Ap	plication and	Skills. 1 hour	15 mins. (30%)
Some of the careers that use Geography:			
Air cabin crew	Environmen	tal	Quantity surveyor
Archaeologist	consultant E	states	Rural surveyor
Cartographer	officer		Teacher
Countryside ranger	Geoscientist		Tourist guide
Diplomatic service	Land survey		Town planner
officer Drone	Landscape a		Transport planner
Pilot	Planning and		Travel agent
Ecologist	developmen	t surveyor	

History			
Qualification: GCSE		Exam Board	: <u>Eduqas</u>
<ul> <li>You will study:</li> <li>America 1910 - 1929</li> <li>Germany 1919 - 1990</li> <li>Crime and Punishment 500 - Present Day</li> <li>Elizabethan Era 1558 – 1603</li> </ul>			
Assessment: Four examinations at the end of the course. Papers 1 and 2 are taken on one day and Papers 3 and 4 on another day. Paper 1: America 1910-1929 (25%) 1 hour and Paper 2: Elizabethan Era (25%) 1 hour. Paper 3: Germany 1919-1990 (25%) 45 minutes and Paper 4: Crime and Punishment (25%) 1 hour 15 minutes.			
Some of the careers that use History:			
Archaeologist Archivist Art gallery curator Broadcast journalist Conservator Editorial assistant	Land and provide the second se	rator	Sub-editor Teacher Tourist guide Web content manager Writer

French / Spanish			
Qualification: GCSE	Exam Board: Edexcel (French and		
Foundation Tier: Grades 1-5	<u>Spanish)</u>		
Higher Tier: Grades 4-9			

You will study a range of topics including:

**1. My personal World:** Including family, friends, relationships, equality.

**2. Lifestyle and wellbeing:** Including food and drink, sports, physical and mental wellbeing.

**3. My neighbourhood:** Including places in town, shopping, transport, the natural world.

**4. Media and technology:** Including social media and gaming, television and films.

5. Studying and my future: Including school, future opportunities, work, travel.

**6. Travel and Tourism**: Including holidays, accommodation, tourist attractions.

#### Assessment:

- Students will be assessed in the 4 key skills.
- Each examination makes up 25% of the total marks.
- The examination papers are tiered Foundation (F) and Higher (H).

The examinations are:

Speaking	F: 7-9 mins	OR	H: 10-12 mins
Listening	F: 45 mins	OR	H: 1 hour
Reading	F: 45 mins	OR	H: 1 hour
Writing	F: 1 hour 15 mins	OR	H: 1 hour 20 mins

#### Some of the careers that use Languages:

Air cabin crew	Immigration officer	Translator		
Air traffic controller	Public relations office	Transport planner		
Airline pilot	RAF officer	Banking and Finance		
Broadcast journalist	Teacher	IT		
Events manager	Tour manager	Marketing		
Hotel manager	Tourist guide	Engineering		

Art					
If you choose Art, you <u>cannot</u> choose Textiles or 3D Design					
Qualification: GCSEExam Board: OCR					
You will study:	You will study:				
	• How to use historical, cultural, and contemporary research into craftspersons, artists, and designers to give deeper meaning to your work				
• How to develop creation	ve and unique	e ideas			
	-		niques, and processes to p-Printing, and drawing		
• How to plan for and cr	eate persona	l outcomes			
• How to be an indepen	dent creative	of the future	!		
Assessment:					
<ul> <li>Projects run just like KS3 in structure (using four Assessment Objectives which allow you to showcase your skills across a broad range) you will undertake similar tasks, but with very different themes that you have chosen yourself!</li> <li>The course is 100% NEA (work you do in a supervised environment – which could be in your classroom or, for example, on a field trip).</li> <li>The course is split into two parts – Unit 1: Portfolio (a project developed by yourself worth 60% of your GCSE) Unit 2: Externally Set Task (a project developed from the exam board list of themes worth 40% of your GCSE)</li> <li>At the end of Unit 2 you will have a 10 hour practical exam period (split over two days) to create your final piece.</li> </ul>					
Some of the careers that	Some of the careers that use Art:				
Advertising art director	Graphic desi	gner	Prop maker		
Animator	Landscaper		Set designer		
Architect	Make-up art	ist	Teacher		
Art gallery curator	Museum cui	rator	TV or film director		
Art therapist	Photographi	c stylist	Visual merchandiser		
Fashion designerPlay therapistWeb content manager					

Textiles					
If you choose Textiles, you <u>cannot</u> choose Art or 3D Design					
Qualification: GCSEExam Board: OCR					
You will study:	You will study:				
How to use historical, craftspersons, artists,			<pre>/ research into er meaning to your work</pre>		
<ul> <li>How to develop creati</li> <li>How to use a wide ran explore and experiment</li> </ul>	ge of Textiles		iques, and processes to		
How to plan for and cr independent creative		l outcomes •	How to be an		
Assessment:					
Projects run just like K which allow you to	Projects run just like KS3 in structure (using four Assessment Objectives				
<ul> <li>showcase your skills across a broad range) you will undertake similar tasks, but with very different themes that you have chosen yourself!</li> </ul>					
<ul> <li>The course is 100% NEA (work you do in a supervised environment – which could be in your classroom or, for example, on a field trip).</li> </ul>					
<ul> <li>The course is split into two parts – Unit 1: Portfolio (a project developed by yourself worth 60% of your GCSE) Unit 2: Externally Set Task (a project developed from the exam board list worth 40% of your GCSE).</li> </ul>					
<ul> <li>At the end of Unit 2 you will have a 10 hour period (split over two days) to create your final piece.</li> </ul>					
Some of the careers that use Textiles:					
Advertising art director Art editor Clothing alteration specialist	Design and developmen Fashion desi Footwear de	gner esigner	Jewellery designer Magazine journalist Retail buyer Teacher		
Conservator Costume designer Industry Inspector	Furniture de Image consu Interior desi Stage and Se	lltant gn	Textiles Technologist Material Innovation		

	3D Design			
	If you choose 3D Design, you <u>cannot</u> choose Art or Textiles			
Qı	Qualification: GCSE     Exam Board: OCR			
Yc	You will study:			
•	• How to use historical, cultural, and contemporary research into craftspersons, artists, and designers to give deeper meaning to your work			
•	How to develop creative and unique ideas			
•	How to plan for and cr independent creative o	-	l outcomes •	How to be an
As	ssessment:			
<ul> <li>Projects run just like KS3 in structure (using four Assessment Objectives which allow you to showcase your skills across a broad range) you will undertake similar tasks, but with very different themes that you have chosen yourself!</li> </ul>				
•				
<ul> <li>The course is split into two parts – Unit 1: Portfolio (a project developed by yourself worth 60% of your GCSE) Unit 2: Externally Set Task (a project developed from the exam board list of themes worth 40% of your GCSE)</li> </ul>				
• At the end of Unit 2 you will have a 10 hour practical exam period (split over two days) to create your final piece.				
Some of the careers that use 3D Design:				
Ar Au Bio Ch	erospace engineer chitect utomotive engineer otechnologist nemical engineer vil engineer	Electrical engin Ergonomist Furniture design and ventilation Interior design	gner Heating 1 engineer	Jewellery designer Manufacturing systems engineer Mechanical engineer Robotics engineer Teacher

Level 1/2 Hospitality and Catering				
Qualification: Vocational A	ward	Exam Board:	WJEC	
<ul> <li>You will study:</li> <li>Unit 1 – The Hospitality and Catering Industry: Types of providers, legislation, food safety and the roles and responsibilities within the sector.</li> <li>Unit 2 – Hospitality and Catering in Action:</li> </ul>				
Develop practical skills thro that meet clients' needs.	ough planning,	preparing, and	d cooking nutritional dishes	
•	<ul> <li>Required resources for this course:</li> <li>You will be expected to provide your own ingredients for practical lessons.</li> </ul>			
<ul> <li>Unit 1 – The Hospitality and Catering Industry</li> <li>90 minutes written exam (Worth 40% of the qualification)</li> <li>Unit 2 – Hospitality and Catering in Action</li> <li>Assessed through an NEA project (non-exam assessment) You will plan, prepare, cook, and present two dishes with accompaniments during a set practical exam (Worth 60% of the qualification)</li> <li>Each unit has been designed to develop knowledge, skills and understanding through tasks that have the characteristics of real work in the sector.</li> <li>Students will be graded as a level 1/2 Pass, Merit or Distinction.</li> <li>Hospitality and Catering roles make up one of the largest industries in the UK. Just a few career opportunities in this industry are listed below:</li> </ul>				
	Cruise ship st			

	PE			
Qualification: GCSE	Exam B	oard: <u>Edexcel</u>		
You will study:				
The course is split into four main	n units:			
Component 1- Theory – Fitness				
		These topics are then broken down		
into sub modules – see PE for m		Lealth Fitness and Wallhaing 2		
Sport Psychology; 3. Socio-cultu		5. Health, Fitness and Wellbeing; 2.		
<b>Component 3</b> - Practical Perform		sessed in three different sports		
(one must be a team sport and o				
		rk = 10%. This is a 6 week training		
programme. It is designed by stu	udents in order to impro	ove fitness and performance in a		
sport. They have to plan, comple	ete and then evaluate th	ne programme.		
Assessment:				
Components 1 and 2 (Theory)	The whole 60% is asses	sed by 2 written exams. The exams		
are at the end of year 11.				
<u><b>Component 1</b></u> exam is <u>1 hour 30min</u> long and is 80 marks (36% of your final grade).				
<u>Component 2</u> exam is <u>1 hour 15</u>	min long and is 60 mar	ks (24% of your final grade).		
<b>Component 3</b> 30% is an assessment of how well you can perform in <b>three</b> sports. These will be assessed firstly in lessons and then officially in a <u>practical exam</u> week during year 11. An external moderator will assess you during this week. Please note that we will assess you in more than four sports over the course BUT we will pick your best three to go forward for assessment.				
<b>Component 4</b> 10% is coursewor	<b><u>Component 4</u></b> 10% is coursework. The coursework is a controlled assessment—this means			
it happens in school with the classroom teacher but in exam style conditions. The				
coursework is called a Personal Exercise Programme. You plan, complete and analyse a				
training programme designed to improve your own fitness.				
Careers that use PE / Sport				
· · ·	Personal trainer	Sports commentator		
Events manager	reisonal trainer	sports commentator		
· · ·	Physiotherapist	Sports development officer		
Events manager				
Events manager Health trainer	Physiotherapist	Sports development officer		

Music			
If you choose Music, you will study one of these qualifications (the choice of which will be made at a later date)			
Qualification: GCSE		Exam Board: [	Edexcel
You will study: Unit1: Performing Music Unit 2: Composing Music Unit 3: Music - Appraising		<u> </u>	
Assessment: • Performing Consisting of a number of ense This unit is internally assessed • Composing Music Two compositions (one free co unit is internally assessed. • Music Listening and Ap Pupils will study 8 set works. lasting 1 hour 45 minutes. The externally assessed.	omposition and opraising There will be a t	one set by Ede final written pa	per at the end of the course
Qualification: BTEC Tech Award in Music       Exam Board: Edexcel         Practice       Exam Board: Edexcel			
You will study: Component 1: Exploring Music Products and Styles. Component 2: Music Skills Development Component 3: Responding to a Music Brief			
<ul> <li>Assessment:</li> <li>Components 1 and 2 are assessed through the completion of Pearson set assignments that are internally assessed and then moderated by Pearson</li> <li>Component 3 is a synoptic assessment that is externally assessed by Pearson.</li> </ul>			
Careers that use Music: Session Musician Sound technician Singer Broadcast engineer Community arts worker Instrumentalist	Computer gan Dancer DJ Events manag Music therapis Talent Scout	er	Musical instrument maker Singer/songwriter Studio sound engineer Teacher TV / film sound technician Musical production

Drama				
Qualification: GCSE     Exam Board: OCR				
You will study:				
A range of theatrical sl	kills and ways in which to	devise from a stimulus.		
<ul> <li>Two extracts from one play text with the intention of presenting a showcase of these extracts.</li> </ul>				
<ul> <li>Practical exploration and analysis of one play text to answer questions on in a written exam.</li> </ul>				
Analysis and evaluatio	n of live theatre.			
Assessment:				
Devising Drama (30%)				
A non-exam assessment v	where you devise from a s	timulus.		
Presenting and Performing Texts (30%)				
A non-exam assessment w	vith a visiting examiner to	assess performances of		
monologues, duologues and group pieces.				
Drama: Performance and Response (40%)				
Exam assessment (1 hour				
Performing in front of an audience is a compulsory part of this course. If you choose this option, you need to be confident in this aspect of the subject.				
Careers that use Drama:				
Actor	Events manager	Set designer		
Arts administrator	Image consultant	Social media manager		
Digital marketing officer	Lighting technician	Teacher		
Dramatherapist	Media researcher	Tour manager		
Arts administrator Digital marketing officer	Image consultant Lighting technician	Social media manager Teacher		

Screenwriter

Entertainer

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TV / film producer

ICT					
Qualification: Cambridge	National	Exam Board	: <u>OCR</u>		
Level 1/2					
You will study:					
IT in the Digital world					
Principles of humar	n computer in	terfaces			
The uses of Interne	t of Everythin	g and the app	olication of this in		
everyday life	la stalatta na m				
Cyber-security and	legislations re	elated to the	use of 11 systems		
Data Manipulation					
Plan and design a s	preadsheet so	olution to me	et client requirements		
Evaluate their solut	ion based on	the user requ	uirements.		
Using augmented reality t	o present info	ormation			
Learn the purpose,			ed reality (AR)		
Develop the skills to		-			
prototype, using a	range of tools	and techniqu	Jes		
Assessment:					
Data Manipulation using spreadsheets					
Internally assessed tasks (30%)					
Using AI to present inform					
Internally assessed tasks	Internally assessed tasks (30%)				
IT in the digital world (409	IT in the digital world (40%)				
Exam assessment (1 hour 30 minutes)					
Careers that use ICT:					
Teacher	IT Support A	ssistant	Data Scientist Cloud		
IT Manager	Database Ac	Iministrator	Engineer Robotics		
IT Sales assistant	Web develo		Engineer Computer		
Cyber security Analyst	Network Ad		Hardware Engineer		
Project Manager	Software En	gineer			

Computer Science				
Qualification: GCSE (9-1)	Qualification: GCSE (9-1)     Exam Board: OCR			
You will study:	You will study:			
<ul> <li>Systems Architecture</li> <li>Memory and Storage</li> <li>Wired and wireless networks</li> <li>Network topologies, protocols, and layers</li> <li>System security and System software</li> <li>Ethical, legal, cultural, and environmental concerns</li> <li>Algorithms, programming techniques and producing robust programs</li> <li>Computational logic</li> <li>Translators and facilities of languages</li> <li>Data representation</li> <li>Practical Investigations</li> </ul>				
Assessment:				
Computer Systems (50%) Exam assessment (1 hour 30 minutes) Computational thinking, algorithms and programming (50%) Exam				
assessment (1 hour 30 minutes)				
Careers that use Computing				
App developer Automotive engineer Broadcast engineer Business Administrator Computer games developer Criminal intelligence analyst	Cyber intelligence officer Data analyst Electronics engineer Information scientist IT project manager IT service engineer	IT technician Software developer Systems analyst Teacher Web designer Web developer		

Citizenship					
Qualification: GCSE	Qualification: GCSE     Exam Board: Edexcel				
You will study:	You will study:				
Theme A: Living together in t	Theme A: Living together in the UK				
Community, identity and c	hanging population				
Political, legal and human	-				
Discrimination and the lav	V				
Theme B: Democracy at Worl	<u>k in the UK</u>				
How we are governed					
Power and politics					
How laws are made					
Theme C: How the Law works	5				
The role of the law in our s					
The Criminal Justice System	•				
Theme D: Power and Influence					
The EU, UN, WTO, Commonwealth and NATO					
• Taking part in democracy					
The role of the media					
Theme E: Taking a Citizenship	Action				
Researching an issue, planning and carrying out a campaign					
Assessment:					
<ul> <li>There are 2 exams at the end of the course.</li> <li>Both are 1br 45 minutes long. They are worth 100% of the CCSE</li> </ul>					
<ul> <li>Both are 1hr 45 minutes long. They are worth 100% of the GCSE.</li> <li>Students will take part in a Citizenship campaign which is examined in Paper 2</li> </ul>					
Careers that use Citizenship:					
Barrister	-				
Broadcast journalist	MP	Stockbroker			
Civil service officer	Newspaper journalist	Teacher			
Diplomatic service officer	Paralegal	Youth offending team officer			
Human resources manager	Public relations officer	Ŭ			

Health and Social Care				
Qualification: Cambridge National Level 1/2 Exam Board OCR				
You will study:				
• Principles of care in health and social care settings.				
Person-centred values.				
Effective communicati	on in health and social care set	ttings.		
Protecting service user	rs and service providers in heal	th and social care settings.		
In doing so, students will deve life contexts and work situation	elop learning and practical skills	s that can be applied to real-		
This course will ask learners to critically.	o think creatively, innovatively,	, analytically, logically and		
Learners will develop indepen to the health and social care s	idence and confidence in using sector and more widely.	skills that would be relevant		
<ul> <li>Assessment:</li> <li>The course is assessed through two NEA's and one external exam. Units completed are:</li> <li>RO33: Supporting individuals through life events (60 marks, centre assessed tasks, OCR moderated)</li> <li>RO34: Creative and Therapeutic Activities (60 marks, centre assessed tasks, OCR moderated)</li> <li>RO32: Principles of care in health and social care settings (70 marks, written paper, OCR set and marked)</li> </ul>				
Careers that use Health and Social Care:				
<ul> <li>Counsellors</li> <li>Social Worker</li> <li>Case Worker</li> <li>National Health Service</li> </ul>	<ul> <li>Nurse</li> <li>Charity Officer</li> <li>Health Promotion Specialist</li> <li>Nursery Nurse</li> </ul>	<ul> <li>Residential Care</li> <li>Paramedic</li> </ul>		
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